

ECTS

EUROPEJSKI SYSTEM TRANSFERU I AKUMULACJI PUNKTÓW
EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM



Legnica 2009/2010

The Witelon University of Applied Sciences in Legnica
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General Informations

ECTS – introduction*

The European Credit Transfer System was initially set up in 1989 as a pilot scheme within the framework of the Erasmus programme. Its aim at that time was to facilitate the recognition of study periods undertaken abroad by mobile students through the transfer of credits. As a transfer system ECTS has expanded to over 30 countries and has been introduced in more than one thousand higher education institutions.

The 40 Signatory States in the Bologna Process have identified ECTS as one of the cornerstones of the European Higher Education Area. A large number of countries have adopted ECTS by law as an accumulation system for their own higher education systems and others are in the process of doing so. In some countries ECTS has become a requirement for accreditation. The Zurich Conference on Credit Transfer and Accumulation, held in October 2002 by the European University Association, endorsed the central role of ECTS in higher education. ECTS will have a fundamental place in the design of a national and European Qualifications Framework. Schemes based on ECTS are being introduced in other continents.

The correct use of ECTS depends on the commitment of thousands of motivated people working in higher education, in very different circumstances and cultures.

The following measures have been taken in order to assist these persons and to promote the correct and consistent use of ECTS across Europe.

ECTS makes study programmes easy to read and compare. It can be used for all types of programmes, whatever their mode of delivery, and for lifelong learning purposes. It serves both mobile and non-mobile students: it can be used for accumulation within an institution and for transfer between institutions. ECTS helps learners moving between countries, within a country, town or region, as well as between different types of institutions; it also covers self-study and work experience. For these reasons the well-known acronym “ECTS” now stands for “European Credit Transfer and Accumulation System”.

* ECTS USERS' GUIDE EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM AND THE DIPLOMA SUPPLEMENT, Directorate-General for Education and Cultural, February 2005.

Documents:

ECTS – EUROPEJSKI SYSTEM TRANSFERU I AKUMULACJI PUNKTÓW POROZUMIENIE O PROGRAMIE ZAJĘĆ

ROK AKADEMICKI..... /..... – KIERUNEK STUDIÓW:.....

Imię i nazwisko studenta:
Uczelnia wysyłająca:
Kraj:

SZCZEGÓŁOWY OPIS PROPONOWANEGO PROGRAMU ZAJĘĆ W UCZELNI ZAGRANICZNEJ / POROZUMIENIE O PROGRAMIE ZAJĘĆ

Uczelnia przyjmująca:
Kraj:

Kod przedmiotu/ zajęć w katalogu przedmiotów (jeśli taki istnieje)	Nazwa przedmiotu/zajęć (zgodnie z katalogiem przedmiotów)	Liczba punktów ECTS

W razie potrzeby proszę wymienić pozostałe przedmioty / zajęcia na oddzielnej stronie.

Podpis studenta..... Data:

INSTYTUCJA WYSYŁAJĄCA

Niniejszym poświadczamy zatwierdzenie proponowanego programu/porozumienia o programie zajęć..

Podpis Koordynatora Wydział./ Instytutowego

Podpis Koordynatora Uczelnianego

.....

.....

Data:

Data:

Imię i nazwisko studenta:
Uczelnia wysyłająca:
Kraj:

(wypełnia się WYŁĄCZNIE w przypadku, gdy mają być wprowadzone)

W razie potrzeby proszę wymienić pozostałe przedmioty / zajęcia na oddzielnej stronie.

..... Data:

Niniejszym poświadczamy, iż w/w zmiany w pierwotnie uzgodnionym programie zajęć/
porozumieniu o programie zajęć zostały zatwierdzone.

Data: Data:

Niniejszym poświadczamy, iż w/w zmiany w pierwotnie uzgodnionym programie zajęć/
porozumieniu o programie zajęć zostały zatwierdzone.

Data: Data:

ACADEMIC YEAR: 20.../20... FIELD OF STUDY.....

Date:

Date:

CHANGES TO THE ORIGINALLY PROPOSED STUDY PROGRAMME

(to be filled in ONLY if appropriate)

Name of student:.....

Sending institution:..... Country:.....

Course unit code (if any)	Course unit title (as indicated in the information package)	Deleted course unit	Added course unit	Number of ECTS credits
.....		†	†	
.....		†	†	
.....		†	†	
.....		†	†	
.....		†	†	
.....		†	†	
.....		†	†	
.....		†	†	
.....		†	†	
.....		†	†	
.....		†	†	

if necessary, continue this list on a separate sheet

Student's signature..... Date:

SENDING INSTITUTION

We confirm that the above-listed changes to the initially agreed programme of study/learning agreement are approved.

Departmental coordinator's signature
.....

Institutional coordinator's signature
.....

Date:

Date:

RECEIVING INSTITUTION

We confirm that the above-listed changes to the initially agreed programme of study/learning agreement are approved.

Departmental coordinator's signature
.....

Institutional coordinator's signature
.....

Date:

Date:

ECTS – EUROPEJSKI SYSTEM TRANSFERU I AKUMULACJI PUNKTÓW WYKAZ ZALICZEŃ

NAZWA UCZELNI WYSYŁAJĄCEJ:.....
 Wydział / Instytut:.....
 Wydziałowy / Instytutowy Koordynator ECTS:.....
 Tel:.....Fax:.....E-mail:.....
 IMIE I NAZWISKO STUDENTA:.....
 Data i miejsce urodzenia:..... Płeć:.....
 Data przyjęcia na studia: Numer indeksu:.....
 NAZWA UCZELNI PRZYJMUJĄCEJ:.....
 Wydział / Instytut:.....
 Wydziałowy / Instytutowy Koordynator ECTS:.....
 Tel:.....Fax:.....E-mail:.....

Kod przedmiotu/zajęć (1)	Nazwa przedmiotu/zajęć	Czas trwania zajęć z danego przedmiotu (2)	Ocena w skali ocen uczelni przyjmującej (3)	Ocena ECTS (4)	Liczba pkt. ECTS (5)
RAZEM					

(1) (2) (3) (4) (5) zob. objaśnienia na następnej stronie

Przyznany dyplom/tytuł zawodowy/stopień naukowy.....

Data:

Podpis rektora/dziekana/osoby upoważnionej:

Pieczęć uczelni:

**Uwaga: Niniejszy dokument nie jest ważny bez podpisu dziekana / osoby upoważnionej
oficjalnej pieczęci uczelni**

(1) Kod przedmiotu/zajęć:

Zgodnie z pakietem informacyjnym ECTS

(2) Czas trwania zajęć z danego przedmiotu

Y = 1 pełny rok akademicki

IS = 1 semestr

IT = 1 trymestr

2S = 2 semestry

2T = 2 trymestry

(3) Charakterystyka systemu i skali ocen stosowanych w uczelni:

Polska skala ocen

5.0 five (pięć)

4.5 four and a half (cztery i pół)

4 four (cztery)

3.5 three and a half (trzy i pół)

3 three (trzy)

2 two (dwa)

Stopnie ECTS

A excellent

B very good

C good

D satisfactory

E sufficient

FX/F fail

(4) Skala ocen ECTS

Ocena ECTS	% studentów, którzy uzyskują zaliczenia/zdają egzaminy I trzymują dany stopień	Definicja (wyłącznie stopni niedostatecznych)
A	10	NIEDOSTATECZNY – punkty będzie można przyznać po uzupełnieniu przez studenta pewnych braków.
B	25	
C	30	
D	25	
E	10	
FX	-	NIEDOSTATECZNY – punkty będzie można przyznać po uzupełnieniu przez studenta istotnych braków.
F	-	

(5) Punkty ECTS:

1 pełny rok akademicki = 60 punktów

1 semestr = 30 punktów

1 trymestr = 20 punktów

ECTS – EUROPEAN CREDIT TRANSFER SYSTEM TRANSCRIPT OF RECORDS

NAME OF SENDING INSTITUTION:.....
 Faculty / Department of
 ECTS Departmental coordinator.....
 Tel:.....Fax:.....E-mail:.....

NAME OF STUDENT.....
 Date and place of birth:..... (sex):.....
 Matriculation date: Matriculation number:.....

NAME OF RECEIVING INSTITUTION.....
 Faculty / Department of
 ECTS Departmental coordinator:.....
 Tel:.....Fax:.....E-mail:.....

Course unit code (1)	Title of course unit	Duration of course unit (2)	Local grade (3)	ECTS Grade (4)	ECTS Credits(5)
TOTAL					

(1) (2) (3) (4) (5) See explanation on last page

Diploma / degree awarded.....

Date: **Signature of registrar/ dean/administration officer:** **Stamp of institution:**

NB: His documents is not valid without the signature of the registrar/dean/administration officer and the official stamp of the institution

(1) Course unit code

Refer to the ECTS information Package

(2) Duration of course unit

Y = 1 full academic year

IS = 1 semester

IT = 1 term/trimester

2S = 2 semesters

2T = 2 terms/trimester

(3) Description of the institutional grading system:

Polish scale:

5.0 five (pięć)

4.5 four and a half (cztery i pół)

4 four (cztery)

3.5 three and a half (trzy i pół)

3 three (trzy)

2 two (dwa)

ECTS grade

A excellent

B very good

C good

D satisfactory

E sufficient

FX/F fail

(4) ECTS grading scale

ECTS Grade	% of successful students normalny achieving the grade	Definition
A	10	The use of words like „excellent” or „good” is no longer recommended as they do not fit with percentage based ranking of the ECTS Grade Transfer Scale.
B	25	
C	30	
D	25	
E	10	
FX	-	FAIL – some more work required before the credit can be awarded Fail – considerable further work is required
F	-	

(5) ECTS Credits:

1 full academic year = 60 credits

1 semester = 30 credits

1 term/trimester = 20 credits

THE WITELON UNIVERSITY OF APPLIED SCIENCES
In Legnica
ECTS - EUROPEAN CREDIT TRANSFER SYSTEM
STUDENT APPLICATION FORM

Photograph()

ACADEMIC Year: 20... /20....

FIELD OF STUDY:

This application should be completed in BLACK in order to be easily copied and/ or telefaxed.

Sending institution:

Name and full address:.....

.....

.....

Department coordinator - name, telephone and fax numbers, e-mail

.....

.....

Institutional coordinator - name, telephone and fax numbers, e-mail

.....

.....

STUDENT'S PERSONAL DATA

(to be completed in capitals by the student applying)

Family name:

Date of birth:.....

Sex:

Nationality:.....

Place of Birth:

Current address:

.....

.....

.....

Current address is valid until:

Tel.:

E-mail:

First name (s):

.....

.....

.....

.....

.....

Permanent address (if different):

.....

.....

.....

Tel.:

.....

LIST OF INSTITUTIONS WHICH WILL RECEIVE THIS APPLICATION FORM

(In order of preference):

Institution	Country	Period of study FROM – TO	Duration of stay (months)	N° of expected ECTS credits
.....				
.....				
.....				

Name of student:

Sending institution:

Country:

Briefly state the reasons why you wish to study abroad ?

.....

.....

.....

LANGUAGE COMPETENCE

Mother tongue: Language of instruction at home institution (if different):

Other languages:	I am currently studying this language		I have sufficient knowledge to follow lectures		I would have sufficient knowledge to follow lectures if I had some extra preparation	
	YES	NO	YES	NO	YES	NO

WORK EXPERIENCE RELATED To CURRENT STUDY (if relevant)

Type of work experience	Firm/organisation	Dates	Country
.....			
.....			

PREVIOUS AND CURRENT STUDY

Diploma/degree for which you are currently studying:

Number of higher education study years prior to departure abroad:

Have you already been studying abroad ? Yes No

If Yes, when ? at which institution ?

The attached Transcript of records includes full details of previous and current higher education study. details not known at the time of application will provided be at a later stage.

Do you wish to apply for a mobility grant to assist towards the additional costs of your study period abroad? Yes No

RECEIVING INSTITUTION

We hereby acknowledge receipt of the application, the proposed learning agreement and the candidate's Transcript of records.

The above-mentioned student is † provisionally accepted at our institution
 † not accepted at our institution

Departmental coordinator's signature Institutional coordinator's signature

.....

Date..... Date.....

ABOUT THE UNIVERSITY

The Witelon University of Applied Sciences in Legnica
Sejmowa 5A, 59-220 Legnica, Poland
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e-mail: pwsz@pwsz.lenica.edu.pl
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The authorities of the School

Rector:

prof. Ryszard Pisarski, Ph.D., D.Sc.

Deputy rector for Education and Student Affairs

Kazimiera Jaworska, Ph.D.

Deputy rector for scientific affairs and international cooperation

Edward Puchała, Ph.D.

Chancellor

Jerzy Stefaniak, MA.

History

For many years the authorities of Legnica and Legnica province (voivodship) have sought to establish an independent higher school, which would enable the establishment of the academic centre in the city. Unfortunately these efforts would only bring partial effects. The essential change came only in the nineties. The plenipotentiary of the Legnica Province Governor (voivod) was appointed for this task, and Jerzy Stefaniak was the first one. These efforts bore fruit on 16th June 1998. By force of the ordinance of the Council of Ministers of the Republic of Poland the Minister of Education set up the University of Applied Sciences in Legnica, which was also endowed with the statute determining its structure and rules for functioning.

Prof. Stanisław Dąbrowski, a historian associated with the University of Wrocław for years, was appointed the first Rector of the University of Applied Sciences in Legnica.

In the first year of activity over 600 students were accepted to day and extramural studies. Presently in the academic year 2006/2007 there are ca 8000 people studying. The main objective of the School is to prepare specialists for vocational work during the 3- year bachelor studies and three-and-a-half-year engineering studies. It is ensured by the qualified teaching staff, made up not only of scientists, but also of practicing specialists employed at public and economic institutions.

Legal basis

16th June 1998 by force of the ordinance of the Council of Ministers of the Republic of Poland the Minister of Education (Dz.U. Nr 76, poz. 498, 1998) set up the University of Applied Sciences in Legnica, which was also endowed with the statute determining its structure and rules for functioning. Till 2005 University of Applied Sciences in Legnica was acting in accordance with the regulation “Act of Higher Vocational Schools” (Dz.U.Nr 96, poz.590, 1997 z późn.zm.). From 2005 University of Applied Sciences has been acting in accordance with the regulation “Law of Higher Education” (Dz.U.Nr 164, poz. 1365, 2005).

The school's library

The library at University of Applied Sciences in Legnica was created already in the second year of the school's activity. At the moment its book collection is adapted for the fields and specializations of study and it numbers 16 thousand volumes in the Polish and foreign languages and 97 Polish and foreign magazines. 346 yearly books have been made from the collected periodical publications.

Last year over 4 thousand books were purchased. The number of special tape recordings, CDs, video recordings, etc. also increased. At the moment the library has 820 such positions. The school's library is computerized, equipped with modern software and electronic appliances. It enables inter-library cooperation with the libraries of Polish and foreign schools.

International cooperation

The Witelon University of Applied Sciences in Legnica has been cooperating with many academic and scientific centers in Poland and abroad ever since its beginning. The first agreements of cooperation the School signed among others with Wrocław higher schools- the University, the University of Technology and Academy of Economics. Each year the number of cooperating centers is rising. Within the framework of numerous scientific activities the school gets new contacts with foreign partners, which mainly base on the exchange of the teaching staff, students and scientific-research activities.

The activeness of the school on the international level is coincident with the state policy and concentrates on the countries of the European Union and countries aspiring for membership in this organization. PWSZ in Legnica cooperates with foreign partners from Germany, France, Finland, Switzerland, the Czech Republic and Ukraine. In accordance with the target set for the international cooperation our school provides education and training in the sphere of staff and students exchange, promotes European cooperation and still recruits new partners.

At the moment the cooperation with foreign partners concentrated mainly on the contacts with:

- Bergische Universität in Wuppertal (DAAD, LLL-Socrates, Leonardo da Vinci),
- IHK-Bildungszentrum GMBH in Dresden (Leonardo da Vinci),
- Fachhochschule des Bundes für öffentliche Verwaltung in Brühl (staff and student interchange),
- Heimvolkshochschule St. Hedwigshaus in Örlinghausen (seminars for students),
- Université Jean Monnet Institut Universitaire de Technologie in Roanne (LLL-Erasmus, Polish-German Fund of Cooperation),
- Fachhochschule in Schmalkalden (LLL-Socrates, Leonardo da Vinci),
- The State Pedagogical University in Drohobycz,
- University in Hradec Kralove,
- Fachhochschule in Ludwigsburg – Hochschule für öffentliche Verwaltung und Finanzen (seminars),
- Selcuk University in Konya – Turkey (LLL-Erasmus).

Scientific-research activity

Ever since its beginnings the Witelon Higher Vocational State School in Legnica is engaged in numerous research projects and successfully applies (through the Ministry of Education and Sport) to the Scientific Research Committee for donations for its own research as well as for the activities supporting the research. Donations for its own research, so called „external grants” are allotted for financing or subsidizing scientific research or development works serving: the scientific development of the young teaching staff, forming scientific specializations of the organizational units of the school, perfecting didactic methods and development of the new fields of study.

In the year 2003 PWSZ received subsidy from KBN for subsidizing the scientific conference entitled: “Regional conditions for the development of enterprise” and for the purchase of another cataloguing modules within activities connected with the computerizing of the PWSZ library.

Moreover the Section for Research, Cooperation and Training in the years 1999-2003 have served several educational programmes and research projects, among others they were: „The development of enterprise in the regions of industrial monoculture on the example of LGOM”, Leonardo da Vinci programme – „The exchange of the teaching staff”, „Directions and conditioning for the use of means of the Regional Fund for Environmental Protection and Water Management by beneficiaries in the Lower Silesia Province”, INTER-KOM-NET- Project of Polish-German exchange in the scope vocational education, Programme SOCRATES-ERASMUS – students exchange.

In the academic year 2002/2003 our School received Erasmus University Charter from the European Union entitling to apply for grants in the scope of: students exchange, staff exchange, organization of students and staff exchange, the introduction of European Credit Transfer System (ECTS) as a system facilitating the evaluation and completion of studies at a partner school, drawing up new teaching programmes with the participation of partner schools from European countries, organization of intensive courses- didactic classes drawn up by and carried out by an international group of lectures for an international group of students. As an outcome of these efforts.

PWSZ in Legnica received over 40 000 PLN (the introduction of ECTS, the exchange of staff and students and organization of the exchange) from the Socrates programme.

Students organizations

In the year 2001 the Academic Sports Association (AZS) started its activity in the Legnica School, where students have the possibility to develop their sports interests, among others: in the handball, football, basketball, swimming, table tennis, athletics and tourism sections. Students of the Witelon Higher Vocational State School in Legnica organize inside-school championships in many sports disciplines. They also take part in the events of Lower Silesia Inter-School League and in the Polish Championships of the Higher Vocational State Schools and Teacher's Colleges. So far they have been the most successful in swimming, volleyball and football.

In the academic year 2003/2004 the greatest success achieved was winning three bronze medals in the Polish Championships in: women's Street basketball of, men's handball and Teakwondo. The school AZS club came fifth out of 29 applying schools in the XXII edition of the Polish Championships. In the current year the results achieved in the matches of the Lower Silesia Inter-School League gave the School the third position among the higher schools of Lower Silesia.

In spite of its short history the Legnica School is trying to maintain academic traditions and forms of student life. The students self-government of PWSZ organizes, among others initiation ceremonies and juvenilia. The first of the events is the act of admitting to the circle of students, and the latter is a festival of youth. The juvenilia always last two days. One of them is a day of sports tournaments which ends with a disco, the other is a day of music concerts. The students government publishes its own magazine. „PoŻAKadło” is published several times a year and covers issues which are most important for students. Moreover our students can take active part in the works of numerous scientific circles: Young Political Scientists, Consumer's Rights Protection, Negotiators, IT specialists, Ordo et Ius, and Entrepreneurs where they can develop their interests.

The Association for the development of the Witelon higher vocational State School in Legnica „Academic Community”

The Association for the development of the Witelon University of Applied Sciences in Legnica „Academic Community” was registered in the National Court Register in March 2001. It operates on the basis of the law of 7th April 1989- Law on associations and on the law of 24th April 2003 on the activities for public benefit and voluntary work.. The statutory aim of the association is to organize the environment of friendly natural and legal persons who are interested in the development of the academic centre in Legnica based on the structures of PWSZ in Legnica. The planned aims are the material, scientific and research development of the School as well as the activities in the environment of students, employees and other people willing to do voluntary work for the benefit of education, voluntary work and forming civic conduct.

The Association thanks to the income from the economic activities supports the Witelon University of Applied Sciences in Legnica financially and materially in the realization of the targets set in the act of law on higher vocational school and in the School's statute.

Administration

Field and Specializations description

The complicating mechanisms of functioning the state and society require modern, efficient and effective administration. Therefore necessity of formulating of such programme of teaching which would create the appropriate basis to proper preparation of future worker of administration. This preparation has to take into account in peculiarity:

- high professional level,
- acquaintance of right and practice of his applying,
- the problems of organization and principle of work with people,
- the high social practice and attitude of ethical conduct,
- skill of independent solving the problems and identification from the worker's ethos administration.

The key skill of graduates of the administration is the preparation to work at institutions of public administration. The graduates find employment on the operating and analytic positions, the managers of average rung of management at offices and institutions local council and regional, in government administration.

Speciality: Public Administration

The aim of education is student's equipment in suitable supply of legal knowledge and skill of interpreting and applying of law in professional work at institutions of public administration or management units of companies.

Students of public administration are to be prepared to fulfilling of function in:

- government institutions,
- local self-governmental units,
- at non - governmental institutions acting on authorities order,
- on positions in institutions which require managers skill and knowledge.

The key skill of graduates of public administration is the preparation to work at institutions of public administration. The graduates find employment on the operating and analytic positions, the managers of average rung of management at offices and institutions local council and regional, in government administration.

Speciality: Administration of Environmental Protection

This speciality educates the high qualified workers of services of protection environment, which can undertake work at governmental and self-governmental administration, at offices of building supervision, at banks supporting ecological investments, at secondary education and finally at environmental business companies.

The programme of studies is interdisciplinary, with superiority of objects realized by universities on administration and economy, in range enabling proper interpretation of law regulating the environmental protection in Poland and in EU.

Speciality: Administration of the European Union

Graduate will be prepared to undertaking work in state, regional and local administration responsible for European affairs management in Poland and in the Community institutions and organizations.

The graduate of the administration of the European Union specialty receives the bachelor's degree. Graduate should possess basic knowledge with range of law, sociology, economy, functioning of international relations, enriched about acquaintance of the European tradition, history and culture, social and political conditioning of European integration, structure of the EU, legal and economic aspects of functioning of the EU and European administration.

Major: Administration

Specialization: Public administration,

Recruitment: 2009

Full time

Year I

No.	Course	hours	1st semester		ECTS credits	2nd semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30					30	credit	1
2	Human Rights and Their Protection	45				30	15	exam	5
3	Information Technology	30		30	2			credit	
4	Basics of Philosophy	15	15		1			credit	
5	Basics of Psychology	15	15		1			credit	
6	Basics of Legal Logic	15				15		credit	2
Primary curriculum									
7	Science of Administration	45	30	15	6			exam	
8	Constitutional System of State Bodies	45	30	15	6			exam	
9	Elements of Jurisprudence	45	30	15	6			exam	
10	Macro-economics and Micro-economics	45				30	15	exam	6
11	History of Administration and Polish Law	30	30		4			exam	
Core curriculum									
12	Organisation of Environmental Protection and Its Legal Basis	60				30	30	exam	5
13	Elements of Civil Law	60				30	30	exam	5
14	Office Work Techniques	15					15	credit	2
Optional courses (60 hours and 4 ECTS credits in 1st semester and 60 hours and 4 ECTS credits in 2nd semester)									
15	Regional History	30	30		2			credit	
16	Roman Legal Culture	30	30		2			credit	
17	Social and Political Idea	30	30		2			credit	
18	Constitution of Selected Countries	30	30		2			credit	
19	Ethics in Administration	30				30		credit	2
20	Administration in Selected Countries	30				30		credit	2
21	Access to Information and Its Limits	30				30		credit	2
22	Organisational Behaviour in Administration	30				30		credit	2
	Total of recommended hours and ECTS credits in 1st year	735	270	75	34	255	135		34
	Total of minimum hours and ECTS credits in 1st year	615	210	75	30	195	135		30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Administration

Specialization: Public administration,

Full time

Recruitment: 2009

Year II

No.	Course	hours	3rd semester		ECTS credits	4th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	60		30	1		30	credit	1
2	Physical Education	60		30	1		30	credit	1
Primary curriculum									
3	Administrative Procedure	45	30	15	6			exam	
4	Administrative Law	90	30	15	3	30	15	exam	5
5	Organization and Management in Administration	45	30	15	4			exam	
6	Economic Public Law	45	30	15	4			exam	
Core curriculum									
7	Public Finance and Financial Law	45				30	15	exam	4
8	Administrative Enforcement Proceedings	45				30	15	exam	4
9	Statistics with Demography	30					30	credit	2
10	Institutions and Sources of Law in European Union	45	30	15	5			exam	
11	Diploma Seminar	15					15	credit	1
	Traineeship (hours not included in the study curriculum)	160					160	credit	
Optional courses (30 hours and 2 ECTS credits in 3rd semester and 30 hours and 3 ECTS credits in 4th semester)									
12	Social Communications - Selected Issues	15		15	1			credit	
13	Negotiation and Mediation Techniques in Administration	15		15	1			credit	
14	Administrative Protection of a Consumer in European Union	15		15	1			credit	
15	Social and Economic Policies of Local Authority	30				30		credit	3
16	Creating Image of a Public Institution and a Company	30				30		credit	3
Core subject area (subject area is selected along with specialization)									
17	Polish and European Civil Proceedings	15		15	1			credit	
18	Law of Obligations in Administration	30		30	2			credit	
19	Penal and Fiscal Law	15		15	1			credit	
20	Private Economic Law	45				30	15	exam	5
21	Managment of Environment in Administration and Economic Entities	30				30		credit	2
22	Adminstration of Public Security and Policy	30				30		credit	2
	Total of recommended hours and ECTS credits in 2nd year	795	150	240	31	240	165		33
	Total of minimum hours and ECTS credits in 2nd year	750	150	225	30	210	165		30

Major: Administration

Specialization: Public administration,

Recruitment: 2009

Full time

Year III

No.	Course	hours	5th semester		ECTS credits	6th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30		30	2			exam	
Core curriculum									
2	Basics of Penal Law and Misdemeanour Law	30	15	15	4			exam	
3	Labour Law and Office Law	45				30	15	exam	5
4	Administrative Legislation	30				15	15	exam	4
5	Diploma Seminar	60		30	1		30	credit	1
	Diploma Thesis - preparation of thesis							credit	10
Core subject area (subject area is selected along with specialization)									
6	EU Supportive Programs	30		30	3			credit	
7	Public Procurement in Poland and EU	30	15	15	4			exam	
8	Tax Law	30		30	3			credit	
9	European Law of Local Authority	15	15		2			credit	
10	Sociology and Methods of Sociological Research in Administration	15	15		2			credit	
11	Public International Law	30	30		3			credit	
12	European Administrative Procedures	30	15	15	4			exam	
13	Protection of Intellectual Property	15				15		credit	2
14	Project Management	15				15		credit	2
15	Legal Basis in Accountancy	15				15		credit	2
16	Spatial Development Law	15				15		credit	2
17	Foreign language classes on the subject related to the specialization and major of study - optional	30		15	2		15	credit	2
	Total of recommended hours and ECTS credits in 3rd year	465	105	180	30	105	75		30
	Total of minimum hours and ECTS credits in 3rd year	465	105	180	30	105	75		30
	Total of recommended hours and ECTS credits in the course of study	1995	525	495	95	600	375		97
	Total of minimum hours and ECTS credits in the course of study	1830	465	480	90	510	375		90

Major: Administration

Specialization: Public administration,

Recruitment: 2009

extramural

Year I

No.	Course	hours	1st semester		ECTS credits	2nd semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30					30	credit	1
2	Human Rights and Their Protection	20				12	8	exam	5
3	Information Technology	30		30	2			credit	
4	Basics of Philosophy	16	16		1			credit	
5	Basics of Psychology	16	16		1			credit	
6	Basics of Legal Logic	16				16		credit	2
Primary curriculum									
7	Science of Administration	30	18	12	6			exam	
8	Constitutional System of State Bodies	46	24	22	6			exam	
9	Elements of Jurisprudence	30	18	12	6			exam	
10	Macro-economics and Micro-economics	30				18	12	exam	6
11	History of Administration and Polish Law	30	30		4			exam	
Core curriculum									
12	Organisation of Environmental Protection and Its Legal Basis	24				12	12	exam	5
13	Elements of Civil Law	24				12	12	exam	5
14	Office Work Techniques	10					10	credit	2
Optional courses (24 hours and 2 ECTS credits in 1st semester and 16 hours and 3 ECTS credits in 2nd semester)									
15	Regional History	12	12		2			credit	
16	Roman Legal Culture	12	12		2			credit	
17	Social and Political Idea	12	12		2			credit	
18	Constitution of Selected Countries	12	12		2			credit	
19	Ethics in Administration	12				12		credit	2
20	Administration in Selected Countries	12				12		credit	2
21	Access to Information and Its Limits	12				12		credit	2
22	Organisational Behaviour in Administration	12				12		credit	2
	Total of recommended hours and ECTS credits in 1st year	448	170	76	34	118	84		34
	Total of minimum hours and ECTS credits in 1st year	400	146	76	30	94	84		30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Administration

Specialization: Public administration,

Recruitment: 2009

extramural

Year II

No.	Course	hours	3rd semester		ECTS credits	4th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	60		30	1		30	credit	1
Primary curriculum									
2	Administrative Procedure	46	24	22	6				
3	Administrative Law	76	24	14	3	24	14		5
4	Organization and Management in Administration	30	16	14	4				
5	Economic Public Law	46	24	22	4				
Core curriculum									
6	Public Finance and Financial Law	16				8	8		4
7	Administrative Enforcement Proceedings	16				8	8		4
8	Statistics with Demography	10					10	credit	2
9	Institutions and Sources of Law in European Union	18	10	8	5				
10	Diploma Seminar	8					8	credit	2
	Traineeship (hours not included in the study curriculum)	120					120	credit	
Optional courses (24 hours and 2 ECTS credits in 3rd semester and 16 hours and 3 ECTS credits in 4th semester)									
11	Social Communications - Selected Issues	12		12	1			credit	
12	Negotiation and Mediation Techniques in Administration	12		12	1			credit	
13	Administrative Protection of a Consumer in European Union	12		12	1			credit	
14	Social and Economic Policies of Local Authority	16				16		credit	3
15	Creating Image of a Public Institution and a Company	16				16		credit	3
Core subject area (subject area is selected along with specialization)									
16	Polish and European Civil Proceedings	12		12	2			credit	
17	Law of Obligations in Administration	12		12	2			credit	
18	Penal and Fiscal Law	12		12	1			credit	
19	Private Economic Law	22				12	10		5
21	Managment of Environment in Administration and Economic Entities	12				12		credit	2
22	Adminstration of Public Security and Policy	12				12		credit	2
	Total of recommended hours and ECTS credits in 2nd year	476	98	182	31	108	88		33
	Total of minimum hours and ECTS credits in 2nd year	448	98	170	30	92	88		30

Major: Administration

Specialization: Public administration,

Recruitment: 2009

extramural

Year III

No.	Course	hours	5th semester		ECTS credits	6th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30		30	2			exam	
Core curriculum									
2	Basics of Penal Law and Misdemeanour Law	16	8	8	4			exam	
3	Labour Law and Office Law	18				10	8	exam	5
4	Administrative Legislation	16				8	8	exam	4
5	Diploma Seminar	16		8	1		8	credit	1
	Diploma Thesis - preparation of thesis							credit	10
Core subject area (subject area is selected along with specialization)									
6	EU Supportive Programs	14		14	3			credit	
7	Public Procurement in Poland and EU	18	10	8	4			exam	
8	Tax Law	12		12	3			credit	
9	European Law of Local Authority	12	12		2			credit	
10	Sociology and Methods of Sociological Research in Administration	12	12		2			credit	
11	Public International Law	16	16		3			credit	
12	European Administrative Procedures	18	10	8	4			exam	
13	Protection of Intellectual Property	12				12		credit	2
14	Project Management	12				12		credit	2
15	Legal Basis in Accountancy	12				12		credit	2
16	Spatial Development Law	12				12		credit	2
17	foreign language classes on the subject related to the specialization and major of study - optional	20		10	2		10	credit	2
	Total of recommended hours and ECTS credits in 3rd year	266	68	98	30	66	34		30
	Total of minimum hours and ECTS credits in 3rd year	266	68	98	30	66	34		30
	Total of recommended hours and ECTS credits in the course of study	1190	336	356	95	292	206		97
	Total of minimum hours and ECTS credits in the course of study	1114	312	344	90	252	206		90

Major: Administration

Specialization: Public administration,

Recruitment: 2008

Full time

Year I

No.	Course	hours	1st semester		ECTS credits	2nd semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30				credit	1	credit	1
2	Human Rights and Their Protection	45				exam	5	exam	5
3	Information Technology	30		30	2	credit		credit	
4	Basics of Philosophy	15	15		1	credit		credit	
5	Basics of Psychology	15	15		1	credit		credit	
6	Basics of Legal Logic	15				credit	1	credit	1
7	Ethics in Administration	15				credit	1	credit	1
Primary curriculum									
8	Administration Science	45	30	15	6	exam		exam	
9	Constitutional System of State Bodies	45	30	15	6	exam		exam	
10	Elements of Jurisprudence	45	30	15	6	exam		exam	
11	Macro-economics and Micro-economics	45				exam	6	exam	6
12	History of Administration and Polish Law	30	30		4	exam		exam	
Core curriculum									
13	Organisation of Environmental Protection and Its Legal Basis	60				exam	5	exam	5
14	Elements of Civil Law	60				exam	5	exam	5
15	Office Work Techniques	15				credit	2	credit	2
Optional courses (60 hours and 4 ECTS credits in 1st semester and 60 hours and 4 ECTS credits in 2nd semester)									
16	Regional History	30	30		2	credit		credit	
17	Roman Legal Culture	30	30		2	credit		credit	
18	Constitution of Selected Countries	30	30		2	credit		credit	
19	Economic and Political Geography of Europe	30				credit	2	credit	2
20	Administration in Selected Countries	30				credit	2	credit	2
21	Access to Information and Its Limits	30				credit	2	credit	2
22	Organisational Behaviour in Administration	30				credit	2	credit	2
	Total of recommended hours and ECTS credits in 1st year	720	240	75	32		34		34
	Total of minimum hours and ECTS credits in 1st year	630	210	75	30		30		30

Industrial Safety – I semester 4h

Library training – I semester 4h

Major: Administration

Specialization: Public administration,

Full time

Recruitment: 2008

Year II

No.	Course	hours	3rd semester		ECTS credits	4th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	60		30	1		30	credit	1
2	Physical Education	60		30	1		30	credit	1
Primary curriculum									
3	Administrative Procedure	45	30	15	6			exam	
4	Administrative Law	90	30	15	3	30	15	exam	5
5	Organization and Management in Administration	45	30	15	4			exam	
6	Economic Public Law	45	30	15	4			exam	
Core curriculum									
7	Public Finance and Financial Law	45				30	15	exam	4
8	Administrative Enforcement Proceedings	45				30	15	exam	4
9	Statistics with Demography	30					30	credit	2
10	Institutions and Sources of Law in European Union	45	30	15	5			exam	
11	Diploma Seminar	15					15	credit	1
	Traineeship (hours not included in the study curriculum)	160					160	credit	
Optional courses (30 hours and 2 ECTS credits in 3rd semester and 30 hours and 3 ECTS credits in 4th semester)									
12	Social Communications - Selected Issues	15		15	1			credit	
13	Negotiation and Mediation Techniques in Administration	15		15	1			credit	
14	Administrative Protection of a Consumer in European Union	15		15	1			credit	
15	Social and Economic Policies of Local Authority	30				30		credit	3
16	Creating Image of a Public Institution and a Company	30				30		credit	3
Core subject area (subject area is selected along with specialization)									
17	Polish and European Civil Proceedings	15		15	1			credit	
18	Law of Obligations in Administration	30		30	2			credit	
19	Penal and Fiscal Law	15		15	1			credit	
20	Private Economic Law	45				30	15	exam	5
21	Management of Environment in Administration and Economic Entities	30				30		credit	2
22	Administration of Public Security and Policy	30				30		credit	2
	Total of recommended hours and ECTS credits in 2nd year	795	150	240	31	240	165		
	Total of minimum hours and ECTS credits in 2nd year	750	150	225	30	210	165		

Major: Administration

Specialization: Public administration,

Recruitment: 2008

Full time

Year III

No.	Course	hours	5th semester		ECTS credits	6th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30		30	2			exam	
Core curriculum									
2	Basics of Penal Law and Misdemeanour Law	30	15	15	4			exam	
3	Labour Law and Office Law	45				30	15	exam	5
4	Administrative Legislation	30				15	15	exam	4
5	Diploma Seminar	60		30	1		30	credit	1
	Diploma Thesis - preparation of thesis							credit	10
Core subject area (subject area is selected along with specialization)									
6	EU Supportive Programs	30		30	3			credit	
7	Public Procurement in Poland and EU	30	15	15	4			exam	
8	Tax Law	30		30	3			credit	
9	European Law of Local Authority	15	15		2			credit	
10	Sociology and Methods of Sociological Research in Administration	15	15		2			credit	
11	Public International Law	30	30		3			credit	
12	European Administrative Procedures	30	15	15	4			exam	
13	Protection of Intellectual Property	15				15		credit	2
14	Project Management	15				15		credit	2
15	Legal Basis in Accountancy	15				15		credit	2
16	Spatial Development Law	15				15		credit	2
17	foreign language classes on the subject related to the specialization and major of study - optional	30		15	2		15	credit	2
	Total of recommended hours and ECTS credits in 3rd year	465	105	180	30	105	75		30
	Total of minimum hours and ECTS credits in 3rd year	465	105	180	30	105	75		30
	Total of recommended hours and ECTS credits in the course of study	1980	495	495	93	615	375		97
	Total of minimum hours and ECTS credits in the course of study	1845	465	480	90	525	375		90

Major: Administration

Specialization: Public administration,

Recruitment: 2008

extramural

Year I

No.	Course	hours	1st semester		ECTS credits	2nd semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30					30	credit	1
2	Human Rights and Their Protection	20				12	8	exam	5
3	Information Technology	30		30	2			credit	
4	Basics of Philosophy	16	16		1			credit	
5	Basics of Psychology	16	16		1			credit	
6	Basics of Legal Logic	16				16		credit	1
7	Ethics in Administration	16				16		credit	1
Primary curriculum									
8	Administration Science	30	18	12	6			exam	
9	Constitutional System of State Bodies	46	24	22	6			exam	
10	Elements of Jurisprudence	30	18	12	6			exam	
11	Macro-economics and Micro-economics	30				18	12	exam	6
12	History of Administration and Polish Law	30	30		4			exam	
Core curriculum									
13	Organisation of Environmental Protection and Its Legal Basis	24				12	12	exam	5
14	Elements of Civil Law	24				12	12	exam	5
15	Office Work Techniques	10					10	credit	2
Optional courses (24 hours and 4 ECTS credits in 1st semester and 24 hours and 4 ECTS credits in 2nd semester)									
16	Regional History	12	12		2			credit	
17	Roman Legal Culture	12	12		2			credit	
18	Constitution of Selected Countries	12	12		2			credit	
19	Economic and Political Geography of Europe	12				12		credit	2
20	Administration in Selected Countries	12				12		credit	2
21	Access to Information and Its Limits	12				12		credit	2
22	Organisational Behaviour in Administration	12				12		credit	2
	Total of recommended hours and ECTS credits in 1st year	452	158	76	32	134	84		34
	Total of minimum hours and ECTS credits in 1st year	416	146	76	30	110	84		30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Administration

Specialization: Public administration,

extramural

Recruitment: 2008

Year II

No.	Course	hours	3rd semester		ECTS credits	4th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	60		30	1		30	credit	1
Primary curriculum									
2	Administrative Procedure	46	24	22	6			exam	
3	Administrative Law	76	24	14	3	24	14	exam	5
4	Organization and Management in Administration	30	16	14	4			exam	
5	Economic Public Law	46	24	22	4			exam	
Core curriculum									
6	Public Finance and Financial Law	16				8	8	exam	4
7	Administrative Enforcement Proceedings	16				8	8	exam	4
8	Statistics with Demography	10					10	credit	2
9	Institutions and Sources of Law in European Union	18	10	8	5			exam	
10	Diploma Seminar	8					8	credit	2
	Traineeship (hours not included in the study curriculum)	120					120	credit	
Optional courses (24 hours and 2 ECTS credits in 3rd semester and 16 hours and 3 ECTS credits in 4th semester)									
11	Social Communications - Selected Issues	12		12	1			credit	
12	Negotiation and Mediation Techniques in Administration	12		12	1			credit	
13	Administrative Protection of a Consumer in European Union	12		12	1			credit	
14	Social and Economic Policies of Local Authority	16				16		credit	3
15	Creating Image of a Public Institution and a Company	16				16		credit	3
Core subject area (subject area is selected along with specialization)									
16	Polish and European Civil Proceedings	12		12	2			credit	
17	Law of Obligations in Administration	12		12	2			credit	
18	Penal and Fiscal Law	12		12	1			credit	
19	Private Economic Law	22				12	10	exam	5
20	Management of Environment in Administration and Economic Entities	12				12		credit	2
21	Administration of Public Security and Policy	12				12		credit	2
	Total of recommended hours and ECTS credits in 2nd year	476	98	182	31	108	88		33
	Total of minimum hours and ECTS credits in 2nd year	448	98	170	30	92	88		30

Major: Administration

Specialization: Public administration,

Recruitment: 2008

extramural

Year III

No.	Course	hours	5th semester		ECTS credits	6th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30		30	2			exam	
Core curriculum									
2	Basics of Penal Law and Misdemeanour Law	16	8	8	4			exam	
3	Labour Law and Office Law	18				10	8	exam	5
4	Administrative Legislation	16				8	8	exam	4
5	Diploma Seminar	16		8	1		8	credit	1
	Diploma Thesis - preparation of thesis							credit	10
Core subject area (subject area is selected along with specialization)									
6	EU Supportive Programs	14		14	3			credit	
7	Public Procurement in Poland and EU	18	10	8	4			exam	
8	Tax Law	12		12	3			credit	
9	European Law of Local Authority	12	12		2			credit	
10	Sociology and Methods of Sociological Research in Administration	12	12		2			credit	
11	Public International Law	16	16		3			credit	
12	European Administrative Procedures	18	10	8	4			exam	
13	Protection of Intellectual Property	12				12		credit	2
14	Project Management	12				12		credit	2
15	Legal Basis in Accountancy	12				12		credit	2
16	Spatial Development Law	12				12		credit	2
17	foreign language classes on the subject related to the specialization and major of study - optional	20		10	2		10	credit	2
	Total of recommended hours and ECTS credits in 3rd year	266	68	98	30	66	34		30
	Total of minimum hours and ECTS credits in 3rd year	266	68	98	30	66	34		30
	Total of recommended hours and ECTS credits in the course of study	1194	324	356	93	308	206		97
	Total of minimum hours and ECTS credits in the course of study	1130	312	344	90	268	206		90

Major: Administration

Specialization: Economic and municipal administration,

Recruitment: 2009

Full time

Year I

No.	Course	hours	1st semester		ECTS credits	2nd semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30					30	credit	1
2	Human Rights and Their Protection	45				30	15	exam	5
3	Information Technology	30		30	2			credit	
4	Basics of Philosophy	15	15		1			credit	
5	Basics of Psychology	15	15		1			credit	
6	Basics of Legal Logic	15				15		credit	2
Primary curriculum									
7	Administration Science	45	30	15	6			exam	
8	Constitutional System of State Bodies	45	30	15	6			exam	
9	Elements of Jurisprudence	45	30	15	6			exam	
10	Macro-economics and Micro-economics	45				30	15	exam	6
11	History of Administration and Polish Law	30	30		4			exam	
Core curriculum									
12	Organisation of Environmental Protection and Its Legal Basis	60				30	30	exam	5
13	Elements of Civil Law	60				30	30	exam	5
14	Office Work Techniques	15					15	credit	2
Optional courses (60 hours and 4 ECTS credits in 1st semester and 60 hours and 4 ECTS credits in 2nd semester)									
15	Regional History	30	30		2			credit	
16	Roman Legal Culture	30	30		2			credit	
17	History of Legal and Constitutional Ideas	30	30		2			credit	
18	Constitution of Selected Countries	30	30		2			credit	
19	Ethics in Administration	30				30		credit	2
20	Administration in Selected Countries	30				30		credit	2
21	Access to Information and Its Limits	30				30		credit	2
22	Organisational Behaviour in Administration	30				30		credit	2
	Total of recommended hours and ECTS credits in 1st year	735	270	75	34	255	135		34
	Total of minimum hours and ECTS credits in 1st year	615	210	75	30	195	135		30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Administration

Specialization: Economic and municipal administration,

Recruitment: 2009

Full time

Year II

No.	Course	hours	3rd semester		ECTS credits	4th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	60		30	1		30	credit	1
2	Physical Education	60		30	1		30	credit	1
Primary curriculum									
3	Administrative Procedure	45	30	15	6			exam	
4	Administrative Law	90	30	15	3	30	15	exam	5
5	Organization and Management in Administration	45	30	15	4			exam	
6	Economic Public Law	45	30	15	4			exam	
Core curriculum									
7	Public Finance and Financial Law	45				30	15	exam	4
8	Administrative Enforcement Proceedings	45				30	15	exam	4
9	Statistics with Demography	30					30	credit	2
10	Institutions and Sources of Law in European Union	45	30	15	5			exam	
11	Diploma Seminar	15					15	credit	1
	Traineeship (hours not included in the study curriculum)	160					160	credit	
Optional courses (30 hours and 2 ECTS credits in 3rd semester and 30 hours and 3 ECTS credits in 4th semester)									
12	Social Communications - Selected Issues	15		15	1			credit	
13	Negotiation and Mediation Techniques in Administration	15		15	1			credit	
14	Administrative Protection of a Consumer in European Union	15		15	1			credit	
15	Social and Economic Policies of Local Authority	30				30		credit	3
16	Creating Image of a Public Institution and a Company	30				30		credit	3
Core subject area (subject area is selected along with specialization)									
17	Polish and European Civil Proceedings	15		15	1			credit	
18	Law of Obligations in Administration	30		30	2			credit	
19	Penal and Fiscal Law	15		15	1			credit	
20	Private Economic Law	45				30	15	exam	5
22	Managment of Environment in Administration and Economic Entities	30				30		credit	2
23	Real Estate Law	30				30		credit	2
	Total of recommended hours and ECTS credits in 2nd year	795	150	240	31	240	165		33
	Total of minimum hours and ECTS credits in 2nd year	750	150	225	30	210	165		30

Major: Administration**Specialization: Economic and municipal administration,****Full time****Recruitment: 2009****Year III**

No.	Course	hours	5th semester		ECTS credits	6th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign language	30		30	2			exam	
Primary curriculum									
2	Basics of Penal Law and Misdemeanour Law	30	15	15	4			exam	
3	Labour Law and Office Law	45				30	15	exam	5
4	Administrative Legislation	30				15	15	exam	4
5	Diploma Seminar	60		30	1		30	credit	1
	Diploma Thesis - preparation of thesis							credit	10
Core subject area (subject area is selected along with specialization)									
6	EU Supportive Programs	30		30	3			credit	
7	Public Procurement in Poland and EU	30	15	15	4			exam	
8	Tax Law	30		30	3			credit	
9	Real Estate Trading and Management	15	15		2			credit	
10	Administartion of Communal Property	15	15		2			credit	
11	Public International Law	30	30		3			credit	
12	European Administrative Procedures	30	15	15	4			exam	
13	Protection of Intellectual Property	15				15		credit	2
14	Business Process Documentation	15				15		credit	2
15	Legal Basis in Accountancy	15				15		credit	2
16	Spatial Development Law	15				15		credit	2
17	foreign language classes on the subject related to the specialization and major of study - optional	30		15	2		15	credit	2
	Total of recommended hours and ECTS credits in 3rd year	465	105	180	30	105	75		30
	Total of minimum hours and ECTS credits in 3rd year	465	105	180	30	105	75		30
	Total of recommended hours and ECTS credits in the course of study	1995	525	495	95	600	375		97
	Total of minimum hours and ECTS credits in the course of study	1830	465	480	90	510	375		90

Major: Administration

Specialization: Economic and municipal administration,

Recruitment: 2009

extramural

Year I

No.	Course	hours	1st semester		ECTS credits	2nd semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30					30	credit	1
2	Human Rights and Their Protection	20				12	8	exam	5
3	Information Technology	30		30	2			credit	
4	Basics of Philosophy	16	16		1			credit	
5	Basics of Psychology	16	16		1			credit	
6	Basics of Legal Logic	16				16		credit	2
Primary curriculum									
7	Administration Science	30	18	12	6			exam	
8	Constitutional System of State Bodies	46	24	22	6			exam	
9	Elements of Jurisprudence	30	18	12	6			exam	
10	Macro-economics and Micro-economics	30				18	12	exam	6
11	History of Administration and Polish Law	30	30		4			exam	
Core curriculum									
12	Organisation of Environmental Protection and Its Legal Basis	24				12	12	exam	5
13	Elements of Civil Law	24				12	12	exam	5
14	Office Work Techniques	10					10	credit	2
Optional courses (24 hours and 4 ECTS credits in 1st semester and 24 hours and 4 ECTS credits in 2nd semester)									
15	Regional History	12	12		2			credit	
16	Roman Legal Culture	12	12		2			credit	
17	History of Legal and Constitutional Ideas	12	12		2			credit	
18	Constitution of Selected Countries	12	12		2			credit	
19	Ethics in Administration	12				12		credit	2
20	Administration in Selected Countries	12				12		credit	2
21	Access to Information and Its Limits	12				12		credit	2
22	Organisational Behaviour in Administration	12				12		credit	2
	Total of recommended hours and ECTS credits in 1st year	448	170	76	34	118	84		34
	Total of minimum hours and ECTS credits in 1st year	400	146	76	30	94	84		30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Administration

Specialization: Economic and municipal administration,

Recruitment: 2009

extramural

Year II

No.	Course	hours	3rd semester		ECTS credits	4th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	60		30	1		30	credit	1
Primary curriculum									
2	Administrative Procedure	46	24	22	6			exam	
3	Administrative Law	76	24	14	3	24	14	exam	5
4	Organization and Management in Administration	30	16	14	4			exam	
5	Economic Public Law	46	24	22	4			exam	
Core curriculum									
6	Public Finance and Financial Law	16				8	8	exam	4
7	Administrative Enforcement Proceedings	16				8	8	exam	4
8	Statistics with Demography	10					10	credit	2
9	Institutions and Sources of Law in European Union	18	10	8	5			exam	
10	Diploma Seminar	8					8	credit	2
	Traineeship (hours not included in the study curriculum)	120					120	credit	
Optional courses (24 hours and 2 ECTS credits in 3rd semester and 16 hours and 3 ECTS credits in 4th semester)									
11	Social Communications - Selected Issues	12		12	1			credit	
12	Negotiation and Mediation Techniques in Administration	12		12	1			credit	
13	Administrative Protection of a Consumer in European Union	12		12	1			credit	
14	Social and Economic Policies of Local Authority	16				16		credit	3
15	Creating Image of a Public Institution and a Company	16				16		credit	3
Core subject area (subject area is selected along with specialization)									
16	Polish and European Civil Proceedings	12		12	2			credit	
17	Law of Obligations in Administration	12		12	2			credit	
18	Penal and Fiscal Law	12		12	1			credit	
19	Private Economic Law	22				12	10	exam	5
21	Managment of Environment in Administration and Economic Entities	12				12		credit	2
22	Real Estate Law	12				12		credit	2
	Total of recommended hours and ECTS credits in 2nd year	476	98	182	31	108	88		33
	Total of minimum hours and ECTS credits in 2nd year	448	98	170	30	92	88		30

Major: Administration

Specialization: Economic and municipal administration,

extramural

Recruitment: 2009

Year III

No.	Course	hours	5th semester		ECTS credits	6th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30		30	2			exam	
Core curriculum									
2	Basics of Penal Law and Misdemeanour Law	16	8	8	4			exam	
3	Labour Law and Office Law	18				10	8	exam	5
4	Administrative Legislation	16				8	8	exam	4
5	Diploma Seminar	16		8	1		8	credit	1
	Diploma Thesis - preparation of thesis							credit	10
Core subject area (subject area is selected along with specialization)									
6	EU Supportive Programs	14		14	3			credit	
7	Public Procurement in Poland and EU	18	10	8	4			exam	
8	Tax Law	12		12	3			credit	
9	Real Estate Trading and Management	12	12		2			credit	
10	Administartion of Communal Property	12	12		2			credit	
11	Public International Law	16	16		3			credit	
12	European Administrative Procedures	18	10	8	4			exam	
13	Protection of Intellectual Property	12				12		credit	2
14	Business Process Documentation	12				12		credit	2
15	Legal Basis in Accountancy	12				12		credit	2
16	Special Development Law	12				12		credit	2
17	foreign language classes on the subject related to the specialization and major of study - optional	20		10	2		10	credit	2
	Total of recommended hours and ECTS credits in 3rd year	266	68	98	30	66	34		30
	Total of minimum hours and ECTS credits in 3rd year	266	68	98	30	66	34		30
	Total of recommended hours and ECTS credits in the course of study	1190	336	356	95	292	206		97
	Total of minimum hours and ECTS credits in the course of study	1114	312	344	90	252	206		90

Major: Administration

Specialization: Administration of public security and policy,

Full time

Recruitment: 2009

Year I

No.	Course	hours	1st semester		ECTS credits	2nd semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30					30	credit	1
2	Human Rights and Their Protection	45				30	15	exam	5
3	Information Technology	30		30	2			credit	
4	Basics of Philosophy	15	15		1			credit	
5	Basics of Psychology	15	15		1			credit	
6	Basics of Legal Logic	15				15		credit	2
Primary curriculum									
7	Administration Science	45	30	15	6			exam	
8	Constitutional System of State Bodies	45	30	15	6			exam	
9	Elements of Jurisprudence	45	30	15	6			exam	
10	Macro-economics and Micro-economics	45				30	15	exam	6
11	History of Administration and Polish Law	30	30		4			exam	
Core curriculum									
12	Organisation of Environmental Protection and Its Legal Basis	60				30	30	exam	5
13	Elements of Civil Law	60				30	30	exam	5
14	Office Work Techniques	15					15	credit	2
Optional courses (60 hours and 4 ECTS credits in 1st semester and 60 hours and 4 ECTS credits in 2nd semester)									
15	Regional History	30	30		2			credit	
16	Roman Legal Culture	30	30		2			credit	
17	Social and Political Idea	30	30		2			credit	
18	Constitution of Selected Countries	30	30		2			credit	
19	Ethics in Administration	30				30		credit	2
20	Administration in Selected Countries	30				30		credit	2
21	Access to Information and Its Limits	30				30		credit	2
22	Organisational Behaviour in Administration	30				30		credit	2
	Total of recommended hours and ECTS credits in 1st year	735	270	75	34	255	135		34
	Total of minimum hours and ECTS credits in 1st year	615	210	75	30	195	135		30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Administration

Specialization: Administration of public security and policy,

Full time

Recruitment: 2009

Year II

No.	Course	hours	3rd semester		ECTS credits	4th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	60		30	1		30	credit	1
2	Physical Education	60		30	1		30	credit	1
Primary curriculum									
3	Administrative Procedure	45	30	15	6			exam	
4	Administrative Law	90	30	15	3	30	15	exam	5
5	Organization and Management in Administration	45	30	15	4			exam	
6	Economic Public Law	45	30	15	4			exam	
Core curriculum									
7	Public Finance and Financial Law	45				30	15	exam	4
8	Administrative Enforcement Proceedings	45				30	15	exam	4
9	Statistics with Demography	30					30	credit	2
10	Institutions and Sources of Law in European Union	45	30	15	5			exam	
11	Diploma Seminar	15					15	credit	1
	Traineeship (hours not included in the study curriculum)	160					160	credit	
Optional courses (30 hours and 2 ECTS credits in 3rd semester and 30 hours and 3 ECTS credits in 4th semester)									
12	Social Communications - Selected Issues	15		15	1			credit	
13	Negotiation and Mediation Techniques in Administration	15		15	1			credit	
14	Administrative Protection of a Consumer in European Union	15		15	1			credit	
15	Social and Economic Policies of Local Authority	30				30		credit	3
16	Creating Image of a Public Institution and a Company	30				30		credit	3
Core subject area (subject area is selected along with specialization)									
17	Internal Security in EU	15		15	1			credit	
18	Secure State	30		30	2			credit	
19	Psychology and Internal Security	15		15	1			credit	
20	Criminal Study and Criminalistics	45				30	15	exam	5
22	Managment of Environment in Administration and Economic Entities	30				30		credit	2
23	Professional Ethics of Social Service Officers	30				30		credit	2
	Total of recommended hours and ECTS credits in 2nd year	795	150	240	31	240	165		33
	Total of minimum hours and ECTS credits in 2nd year	750	150	225	30	210	165		30

Major: Administration

Specialization: Administration of public security and policy,

Full time

Recruitment: 2009

Year III

No.	Course	hours	5th semester		ECTS credits	6th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30		30	2			exam	
Core curriculum									
2	Basics of Penal Law and Misdemeanour Law	30	15	15	4			exam	
3	Labour Law and Office Law	45				30	15	exam	5
4	Administrative Legislation	30				15	15	exam	4
5	Diploma Seminar	60		30	1		30	credit	1
	Diploma Thesis - preparation of thesis							credit	10
Core subject area (subject area is selected along with specialization)									
6	EU Supportive Programs	30		30	3			credit	
7	Public Procurement in Poland and EU	30	15	15	4			exam	
8	Polish and European Civil Proceedings	30		30	3			credit	
9	Social Safety	15	15		2			credit	
10	Crime Control	15	15		2			credit	
11	Public International Law	30	30		3			credit	
12	European Administrative Procedures	30	15	15	4			exam	
13	Protection of Intellectual Property	15				15		credit	2
14	Safety of Local Communities	15				15		credit	2
15	Terrorism Control	15				15		credit	2
16	Management in Crisis Situations	15				15		credit	2
17	foreign language classes on the subject related to the specialization and major of study - optional	30		15	2		15	credit	2
	Total of recommended hours and ECTS credits in 3rd year	465	105	180	30	105	75		30
	Total of minimum hours and ECTS credits in 3rd year	465	105	180	30	105	75		30
	Total of recommended hours and ECTS credits in the course of study	1995	525	495	95	600	375		97
	Total of minimum hours and ECTS credits in the course of study	1830	465	480	90	510	375		90

Major: Administration

Specialization: Administration of public security and policy,

Recruitment: 2009

extramural

Year I

No.	Course	hours	1st semester		ECTS credits	2nd semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30					30	credit	1
2	Human Rights and Their Protection	20				12	8	exam	5
3	Information Technology	30		30	2			credit	
4	Basics of Philosophy	16	16		1			credit	
5	Basics of Psychology	16	16		1			credit	
6	Basics of Legal Logic	16				16		credit	2
Primary curriculum									
7	Administration Science	30	18	12	6			exam	
8	Constitutional System of State Bodies	46	24	22	6			exam	
9	Elements of Jurisprudence	30	18	12	6			exam	
10	Macro-economics and Micro-economics	30				18	12	exam	6
11	History of Administration and Polish Law	30	30		4			exam	
Core curriculum									
12	Organisation of Environmental Protection and Its Legal Basis	24				12	12	exam	5
13	Elements of Civil Law	24				12	12	exam	5
14	Office Work Techniques	10					10	credit	2
Optional courses (24 hours and 2 ECTS credits in 3rd semester and 16 hours and 3 ECTS credits in 4th semester)									
15	Regional History	12	12		2			credit	
16	Roman Legal Culture	12	12		2			credit	
17	Social and Political Idea	12	12		2			credit	
18	Constitution of Selected Countries	12	12		2			credit	
19	Ethics in Administration	12				12		credit	2
20	Administration in Selected Countries	12				12		credit	2
21	Access to Information and Its Limits	12				12		credit	2
22	Organisational Behaviour in Administration	12				12		credit	2
	Total of recommended hours and ECTS credits in 1st year	448	170	76	34	118	84		34
	Total of minimum hours and ECTS credits in 1st year	400	146	76	30	94	84		30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Administration

Specialization: Administration of public security and policy,

extramural

Recruitment: 2009

Year II

No.	Course	hours	3rd semester		ECTS credits	4th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	60		30	1		30	credit	1
Primary curriculum									
2	Administrative Procedure	46	24	22	6			exam	
3	Administrative Law	76	24	14	3	24	14	exam	5
4	Organization and Management in Administration	30	16	14	4			exam	
5	Economic Public Law	46	24	22	4			exam	
Core curriculum									
6	Public Finance and Financial Law	16				8	8	exam	4
7	Administrative Enforcement Proceedings	16				8	8	exam	4
8	Statistics with Demography	10					10	credit	2
9	Institutions and Sources of Law in European Union	18	10	8	5			exam	
10	Diploma Seminar	8					8	credit	2
	Traineeship (hours not included in the study curriculum)	120					120	credit	
Optional courses (24 hours and 2 ECTS credits in 3rd semester and 16 hours and 3 ECTS credits in 4th semester)									
11	Social Communications - Selected Issues	12		12	1			credit	
12	Negotiation and Mediation Techniques in Administration	12		12	1			credit	
13	Administrative Protection of a Consumer in European Union	12		12	1			credit	
14	Social and Economic Policies of Local Authority	16				16		credit	3
15	Creating Image of a Public Institution and a Company	16				16		credit	3
Core subject area (subject area is selected along with specialization)									
16	Internal Security in EU	12		12	2			credit	
17	Secure State	12		12	2			credit	
18	Psychology and Internal Security	12		12	1			credit	
19	Criminal Study and Criminalistics	22				12	10	exam	5
21	Managment of Environment in Administration and Economic Entities	12				12		credit	2
22	Professional Ethics of Social Service Officers	12				12		credit	2
	Total of recommended hours and ECTS credits in 2nd year	476	98	182	31	108	88		33
	Total of minimum hours and ECTS credits in 2nd year	448	98	170	30	92	88		30

Major: Administration**Specialization: Administration of public security and policy,****extramural****Recruitment: 2009****Year III**

No.	Course	hours	5th semester		ECTS credits	6th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30		30	2			exam	
Core curriculum									
2	Basics of Penal Law and Misdemeanour Law	16	8	8	4			exam	
3	Labour Law and Office Law	18				10	8	exam	5
4	Administrative Legislation	16				8	8	exam	4
5	Diploma Seminar	16		8	1		8	credit	1
	Diploma Thesis - preparation of thesis							credit	10
Core subject area (subject area is selected along with specialization)									
6	EU Supportive Programs	14		14	3			credit	
7	Public Procurement in Poland and EU	18	10	8	4			exam	
8	Polish and European Civil Proceedings	12		12	3			credit	
9	Social Safety	12	12		2			credit	
10	Crime Control	12	12		2			credit	
11	Public International Law	16	16		3			credit	
12	European Administrative Procedures	18	10	8	4			exam	
13	Protection of Intellectual Property	12				12		credit	2
14	Safety of Local Communities	12				12		credit	2
15	Terrorism Control	12				12		credit	2
16	Management in Crisis Situations	12				12		credit	2
17	foreign language classes on the subject related to the specialization and major of study - optional	20		10	2		10	credit	2
	Total of recommended hours and ECTS credits in 3rd year	266	68	98	30	66	34		30
	Total of minimum hours and ECTS credits in 3rd year	266	68	98	30	66	34		30
	Total of recommended hours and ECTS credits in the course of study	1190	336	356	95	292	206		97
	Total of minimum hours and ECTS credits in the course of study	1114	312	344	90	252	206		90

Major: Administration

Specialization: Environment administration

Full time

Recruitment: 2009

Year I

No.	Course	hours	1st semester		ECTS credits	2nd semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30					30	credit	1
2	Human Rights and Their Protection	45				30	15	exam	5
3	Information Technology	30		30	2			credit	
4	Basics of Philosophy	15	15		1			credit	
5	Basics of Psychology	15	15		1			credit	
6	Basics of Legal Logic	15				15		credit	2
Primary curriculum									
7	Administration Science	45	30	15	6			exam	
8	Constitutional System of State Bodies	45	30	15	6			exam	
9	Elements of Jurisprudence	45	30	15	6			exam	
10	Macro-economics and Micro-economics	45				30	15	exam	6
11	History of Administration and Polish Law	30	30		4			exam	
Core curriculum									
12	Organisation of Environmental Protection and Its Legal Basis	60				30	30	exam	5
13	Elements of Civil Law	60				30	30	exam	5
14	Office Work Techniques	15					15	credit	2
Optional courses (60 hours and 4 ECTS credits in 1st semester and 60 hours and 4 ECTS credits in 2nd semester)									
15	Regional History	30	30		2			credit	
16	Roman Legal Culture	30	30		2			credit	
17	Social and Political Idea	30	30		2			credit	
18	Constitution of Selected Countries	30	30		2			credit	
19	Ethics in Administration	30				30		credit	2
20	Administration in Selected Countries	30				30		credit	2
21	Access to Information and Its Limits	30				30		credit	2
22	Organisational Behaviour in Administration	30				30		credit	2
	Total of recommended hours and ECTS credits in 1st year	735	270	75	34	255	135		34
	Total of minimum hours and ECTS credits in 1st year	615	210	75	30	195	135		30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Administration

Specialization: Environment administration

Full time

Recruitment: 2009

Rok II

No.	Course	hours	3rd semester		ECTS credits	4th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	60		30	1		30	credit	1
2	Physical Education	60		30	1		30	credit	1
Primary curriculum									
3	Administrative Procedure	45	30	15	6			exam	
4	Administrative Law	90	30	15	3	30	15	exam	5
5	Organization and Management in Administration	45	30	15	4			exam	
6	Economic Public Law	45	30	15	4			exam	
Core curriculum									
7	Public Finance and Financial Law	45				30	15	exam	4
8	Administrative Enforcement Proceedings	45				30	15	exam	4
9	Statistics with Demography	30					30	credit	2
10	Institutions and Sources of Law in European Union	45	30	15	5			exam	
11	Diploma Seminar	15					15	credit	1
	Traineeship (hours not included in the study curriculum)	160					160	credit	
Optional courses (30 hours and 2 ECTS credits in 3rd semester and 30 hours and 3 ECTS credits in 4th semester)									
12	Social Communications - Selected Issues	15		15	1			credit	
13	Negotiation and Mediation Techniques in Administration	15		15	1			credit	
14	Administrative Protection of a Consumer in European Union	15		15	1			credit	
15	Social and Economic Policies of Local Authority	30				30		credit	3
16	Creating Image of a Public Institution and a Company	30				30		credit	3
Core subject area (subject area is selected along with specialization)									
17	Basics of Earth Study	45	30	15	2			credit	
18	Law of Obligations in Environment Administration	15		15	1			credit	
19	Monitoring of Environment	15		15	1			credit	
20	Applied Ecology	45				30	15	exam	5
22	Management of Environment in Administration and Economic Entities	30				30		credit	2
23	Civilization Dangers and Balanced Development	30				30		credit	2
	Total of recommended hours and ECTS credits in 2nd year	810	180	225	31	240	165		33
	Total of minimum hours and ECTS credits in 2nd year	765	180	210	30	210	165		30

Major: Administration

Specialization: Environment administration

Full time

Recruitment: 2009

Year III

No.	Course	hours	5th semester		ECTS credits	6th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30		30	2			exam	
Core curriculum									
2	Basics of Penal Law and Misdemeanour Law	30	15	15	4			exam	
3	Labour Law and Office Law	45				30	15	exam	5
4	Administrative Legislation	30				15	15	exam	4
5	Diploma Seminar	60		30	1		30	credit	1
	Diploma Thesis - preparation of thesis							credit	10
Core subject area (subject area is selected along with specialization)									
6	EU Supportive Programs	30		30	3			credit	
7	Public Procurement in Poland and EU	30	15	15	4			exam	
8	Tax Law	30		30	3			credit	
9	Environmental Health Hazards	15	15		2			credit	
10	Documentaion of Environment Protection Processes	15		15	2			credit	
11	Public International Law	30	30		3			credit	
12	Waste Management	30	15	15	4			exam	
13	Protection of Intellectual Property	15				15		credit	2
14	Environment Protection Techniques	30				15	15	exam	4
15	Spatial Development Law	15				15		credit	2
16	foreign language classes on the subject related to the specialization and major of study - optional	30		15	2		15	credit	2
	Total of recommended hours and ECTS credits in 3rd year	465	90	195	30	90	90		30
	Total of minimum hours and ECTS credits in 3rd year	465	90	195	30	90	90		30
	Total of recommended hours and ECTS credits in the course of study	2010	540	495	95	585	390		97
	Total of minimum hours and ECTS credits in the course of study	1845	480	480	90	495	390		90

Major: Administration

Specialization: Environment administration

extramural

Recruitment: 2009

Year I

No.	Course	hours	1st semester		ECTS credits	2nd semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30					30	credit	1
2	Human Rights and Their Protection	20				12	8	exam	5
3	Information Technology	30		30	2			credit	
4	Basics of Philosophy	16	16		1			credit	
5	Basics of Psychology	16	16		1			credit	
6	Basics of Legal Logic	16				16		credit	1
Primary curriculum									
7	Administration Science	30	18	12	6			exam	
8	Constitutional System of State Bodies	46	24	22	6			exam	
9	Elements of Jurisprudence	30	18	12	6			exam	
10	Macro-economics and Micro-economics	30				18	12	exam	6
11	History of Administration and Polish Law	30	30		4			exam	
Core curriculum									
12	Organisation of Environmental Protection and Its Legal Basis	24				12	12	exam	5
13	Elements of Civil Law	24				12	12	exam	5
14	Office Work Techniques	10					10	credit	2
Optional courses (24 hours and 4 ECTS credits in 1st semester and 24 hours and 4 ECTS credits in 2nd semester)									
15	Regional History	12	12		2			credit	
16	Roman Legal Culture	12	12		2			credit	
17	Social and Political Idea	12	12		2			credit	
18	Constitution of Selected Countries	12	12		2			credit	
19	Ethics in Administration	12				12		credit	2
20	Administration in Selected Countries	12				12		credit	2
21	Access to Information and Its Limits	12				12		credit	2
22	Organisational Behaviour in Administration	12				12		credit	2
	Total of recommended hours and ECTS credits in 1st year	448	170	76	34	118	84		34
	Total of minimum hours and ECTS credits in 1st year	400	146	76	30	94	84		30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Administration

Specialization: Environment administration

extramural

Recruitment: 2009

Year II

No.	Course	hours	3rd semester		ECTS credits	4th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	60		30	1		30	credit	1
Primary curriculum									
2	Administrative Procedure	46	24	22	6			exam	
3	Administrative Law	76	24	14	3	24	14	exam	5
4	Organization and Management in Administration	30	16	14	4			exam	
5	Economic Public Law	46	24	22	4			exam	
Core curriculum									
6	Public Finance and Financial Law	16				8	8	exam	4
7	Administrative Enforcement Proceedings	16				8	8	exam	4
8	Statistics with Demography	10					10	credit	2
9	Institutions and Sources of Law in European Union	18	10	8	5			exam	
10	Diploma Seminar	8					8	credit	2
	Traineeship (hours not included in the study curriculum)	120					120	credit	
Optional courses (24 hours and 2 ECTS credits in 3rd semester and 16 hours and 3 ECTS credits in 4th semester)									
11	Social Communications - Selected Issues	12		12	1			credit	
12	Negotiation and Mediation Techniques in Administration	12		12	1			credit	
13	Administrative Protection of a Consumer in European Union	12		12	1			credit	
14	Social and Economic Policies of Local Authority	16				16		credit	3
15	Creating Image of a Public Institution and a Company	16				16		credit	3
Core subject area (subject area is selected along with specialization)									
16	Basics of Earth Study	18	10	8	2			credit	
17	Law of Obligations in Environment Administration	10		10	1			credit	
18	Monitoring of Environment	10		10	2			credit	
19	Applied Ecology	22				12	10	exam	5
21	Managment of Environment in Administration and Economic Entities	12				12		credit	2
22	Civilization Dangers and Balanced Development	12				12		credit	2
	Total of recommended hours and ECTS credits in 2nd year	478	108	174	31	108	88		33
	Total of minimum hours and ECTS credits in 2nd year	450	108	162	30	92	88		30

Major: Administration

Specialization: Environment administration

extramural

Recruitment: 2009

Year III

No.	Course	hours	5th semester		ECTS credits	6th semester		form of crediting a course	ECTS credits
			lecture	classes		lecture	classes		
General education curriculum									
1	Foreign Language	30		30	2			exam	
Core curriculum									
2	Basics of Penal Law and Misdemeanour Law	16	8	8	4			exam	
3	Labour Law and Office Law	18				10	8	exam	5
4	Administrative Legislation	16				8	8	exam	4
5	Diploma Seminar	16		8	1		8	credit	1
	Diploma Thesis - preparation of thesis							credit	10
Core subject area (subject area is selected along with specialization)									
6	EU Supportive Programs	14		14	3			credit	
7	Public Procurement in Poland and EU	18	10	8	4			exam	
8	Tax Law	12		12	3			credit	
9	Environmental Health Hazards	12	12		2			credit	
10	Documentaion of Environment Protection Processes	8		8	2			credit	
11	Public International Law	16	16		3			credit	
12	Waste Management	22	12	10	4			exam	
13	Protection of Intellectual Property	12				12		credit	2
14	Environment Protection Techniques	22				12	10	exam	4
15	Spatial Development Law	12				12		credit	2
16	foreign language classes on the subject related to the specialization and major of study - optional	20		10	2		10	credit	2
	Total of recommended hours and ECTS credits in 3rd year	264	58	108	30	54	44		30
	Total of minimum hours and ECTS credits in 3rd year	264	58	108	30	54	44		30
	Total of recommended hours and ECTS credits in the course of study	1190	336	358	105	280	216		110
	Total of minimum hours and ECTS credits in the course of study	1114	312	346	90	240	216		90

Major: Administration

Specialization: Environment protection

Recruitment: 2009

Full time

Year I – Semester I

No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting	
			w	c	l	p	s	t			
Primary curriculum											
1	Mathematics	90	45	45					6	exam	
2	Biology	60	30		30				7	exam	
3	Chemistry	60	30		30				7	exam	
4	Physics	60	30		30				5	exam	
General education curriculum											
5	Ekonomics	60	30	30					3	credit	
6	Information technology	60	15		45				2	credit	
	Total of recommended hours to complete:	390	180	75	135				30		
	Total of hours to get credited:	390	180	75	135				30		

Year I – Semester II

No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting
			w	c	l	p	s	t		
Primary curriculum										
1	Microbiology	60	30		30				7	exam
2	Biochemistry	60	30		30				7	exam
General education curriculum										
3	Protection of intellectual property	30	30						2	credit
4	Forgein language	30		30					1	credit
Core curriculum										
5	Ecology	90	30		30		30		6	exam
6	Organisation of Environmental Protection and Its Legal Basis	60	30	30					3	credit
7	Basics of Geology and Geomorphology	60	30		30				4	credit
	Total of recommended hours to complete:	390	180	60	120		30		30	
	Total of hours to get credited:	390	180	60	120		30		30	

Major: Administration

Specialization: Environment protection

Recruitment: 2009

Full time

Year II – Semester III

Year IV – Semester III										
No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting
			w	c	l	p	s	t		
Core curriculum										
1	Nature Protection	75	30	30				15	6	exam
2	Basics of Geology and Geomorphology	60	30		30				5	exam
3	Soil Studies	75	30		30			15	5	exam
	General education curriculum									
4	Foreign Language	30		30					1	credit
5	Traineeship	30		30					1	credit
Facultative Courses, 160 hours of classes and 12 ECTS credits:										
	Environmental Chemistry	60	30		30				3	credit
	Monitoring of Environment	60	30					30	3	credit
	Toxicology	60	30	15	15				3	exam
	Water Management in Industry	60	30			30			3	credit
	Eco-systems	60	30	30					3	credit
	Geo-Engineering of Environment	60	30	30					3	credit
	Total of recommended hours to complete:	630	270	165	105	30		60	30	
	Total of hours to get credited:	510	210	150	90	0		60	30	

Year II – Semester IV

Year IV – Semester IV										
No.	Course	Hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting
			w	c	l	p	s	t		
Core curriculum										
1	Technology of Environmental Renewal	75	30			30		15	6	exam
2	Climatology and Meteorology	60	30				30		5	exam
3	Hydrology and Water Management	60	30				30		5	exam
General education curriculum										
4	Foreign Language	60		60					3	credit
5	Physical education	30		30					1	credit
Facultative Courses, 80 hours of classes and 8 ECTS credits										
	Engineering Graphics	60			60				4	credit
	Law of Environment Protection	60	30	30					4	credit
	Economics in Environment Protection	60	30	30					4	credit
6	Traineeship	4 weeks							2	credit
	Total of recommended hours to complete:	465	150	150	60	30	60	15	30	
	Total of hours to get credited:	405	120	120	60	30	60	15	30	

Major: Administration

Specialization: Environment protection

Recruitment: 2009

Full time

Year III – Semester V

No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting	
			w	c	l	p	s	t			
Core curriculum											
1	Process Engineering	60	30	30					7	exam	
2	Bio-Energetic Processes	60	30	30					7	exam	
3	Diploma Seminar	15					15		1	credit	
General education curriculum											
4	Industrial Safety and Basics of Ergonomics	30	30						3	credit	
Facultative Courses, 120 hours of classes and 12 ECTS credits											
	Bio-Technology of Environment	60	30	30					4	credit	
	Water and Sewage Systems	60	30	30					4	credit	
	Liquid Mechanics	60	30	30					4	credit	
	Civilization Dangers and Balanced Development	60	30				30		4	exam	
	Total of recommended hours to complete:	405	210	150			45		30		
	Total of hours to get credited:	345	180	120			45		30		

Year III – Semester VI

Year III – Semester VI										
No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting
			w	c	l	p	s	t		
Core curriculum										
1	Waste Management	90	30			30		30	8	exam
2	Diploma Seminar	30					30		3	credit
Facultative Courses, 120 hours of classes and 12 ECTS credits										
	Systems of Atmosphere Protectiojn	75	30	30				15	6	exam
	Systems of Lithosphere Protection	75	30	30				15	6	exam
	Liquid Mechanics	60	30	30					4	credit
	Membran Processes in Environment protection	60	30	30					4	credit
	Environmental Health Hazards	60	30	30					4	credit
3	Traineeship	4 weeks							3	credit
	Total of recommended hours to complete:	450	180	150		30	30	60	30	
	Total of hours to get credited:	330	120	90		30	30	60	30	

Major: Administration

Specialization: Environment protection

Full time

Recruitment: 2009

Year IV – Semester VII

Year IV – Semester VII										
No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting
			w	c	l	p	s	t		
Core curriculum										
1	Diploma Seminar	30					30		3	credit
Facultative Courses, 120 hours of classes and 12 ECTS credits										
	Recultivation of Degradated Areas	75		30			30	15	6	exam
	Documentation of Environmental Protection Processes	75		30		30	15		6	exam
	Management of Environment in Administration and Economic Entities	75		30		15	30		6	exam
2	Preparation of a Diploma Thesis and Exam Revision	Student's work							15	credit
	Total of recommended hours to complete:	255		90		45	105	15	30	
	Total of hours to get credited:	180		60		30	75	15	30	

Total summary (without diploma thesis and traineeship) – full-time studies

No.	Subject area	Number of hours	ECTS credits– percentage
1	General education curriculum	360	17 – 14,1%
2	Primary curriculum	390	39 – 15,3%
3	Core curriculum	900	74 – 35,3%
4	Facultative courses	900	60 – 35,3%
Total:		2550	190 – 100%

1. Number of ECTS credits is 210 (190 + traineeship and credits for a thesis preparation).
2. The following class types: practical classes, laboratories, projects and field practice provide 61,2% of total number of planned classes.
3. Facultative curriculum provide 35,3% of planned classes.

Major: Administration

Specialization: Environment protection

Recruitment: 2009

extramural

Year I – Semester I

Year 1 – Semester 1										
No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting
			w	c	l	p	s	t		
Primary curriculum										
1	Mathematics	90	45	45					6	exam
2	Biology	60	30		30				7	exam
3	Chemistry	60	30		30				7	exam
4	Physics	60	30		30				5	exam
General education curriculum										
5	Economics	60	30	30					3	credit
6	Information Technology	60	15		15				2	credit
	Total of recommended hours to complete:	390	180	75	105				30	
	Total of hours to get credited:	390	180	75	105				30	

Year I – Semester II

Year I Semester II										
No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting
			w	c	l	p	s	t		
Primary curriculum										
1	Microbiology	60	30		30				7	exam
2	Biochemistry	60	30		30				7	exam
General education curriculum										
3	Protection of Intellectual Property	30	10						2	credit
4	Foreign Language	30		30					1	credit
Core curriculum										
5	Ecology	60	20		20		20		6	exam
6	Organisation of Environmental Protection and Its Legal Basis	40	20	20					3	credit
7	Basics of Geology and Geomorphology	40	20		20				4	credit
	Total of recommended hours to complete:	390	130	50	100		20		30	
	Total of hours to get credited:	390	130	50	100		20		30	

Major: Administration
 Specialization: Environment protection
 Recruitment: 2009

extramural

Year II – Semester III

Year IV – Semester III										
No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting
			w	c	l	p	s	t		
Core curriculum										
1	Nature Protection	75	30	30					6	exam
2	Basics of Geology and Geomorphology	40	20		20				5	exam
3	Soil Studies	60	20		30			10	6	exam
	General education curriculum									
4	Foreign Language	30		30					1	credit
Facultative Courses, 160 hours of classes and 12 ECTS credits:										
	Environmental Chemistry	40	20		20				3	credit
	Monitoring of Environment	40	20					30	3	credit
	Toxicology	40	20	10	10				3	exam
	Water Management in Industry	40	20			20			3	credit
	Eco-systems	40	20	20					3	credit
	Geo-Engineering of Environment	40	20	20					3	credit
	Total of recommended hours to complete:	430	190	110	80	20		30	30	
	Total of hours to get credited:	350	150	110	80	0		30	30	

Year II – Semester IV

Part II – Semester IV										
No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting
			w	c	l	p	s	t		
Core curriculum										
1	Technology of Environmental Renewal	50	20			20		10	6	exam
2	Climatology and Meteorology	40	20				20		5	exam
3	Hydrology and Water Management	40	20				20		5	exam
General education curriculum										
4	Foreign Language	60		60					3	credit
Facultative Courses, 80 hours of classes and 8 ECTS credits										
	Engineering Graphics	40			40				4	credit
	Law of Environment Protection	40	20	20					4	credit
	Economics in Environment Protection	40	20	20					4	credit
6	Traineeship	5 weeks							3	credit
	Total of recommended hours to complete:	310	100	100	40	20	40	10	30	
	Total of hours to get credited:	270	80	80	40	20	40	10	30	

Major: Administration

Specialization: Environment protection

Recruitment: 2009

extramural

Year III – Semester V

No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting
			w	c	l	p	s	t		
Core curriculum										
1	Process Engineering	40	20	20					7	exam
2	Bio-Energetic Processes	40	20	20					7	exam
3	Diploma Seminar	10					10		1	credit
General education curriculum										
4	Industrial Safety and Basics of Ergonomics	10	10						3	credit
Facultative Courses, 120 hours of classes and 12 ECTS credits										
	Bio-Technology od Environment	40	20	20					4	credit
	Water and Sewage Systems	40	20	20					4	credit
	Liquid Mechanics	40	20	20					4	credit
	Civilization Dangers and Balanced Development	40	20				20		4	exam
	Total of recommended hours to complete:	260	130	100			30		30	
	Total of hours to get credited:	220	110	180			30		30	

Year III – Semester VI

Faculty of Sciences - Semester V										
No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting
			w	c	l	p	s	t		
Core curriculum										
1	Waste Management	80	20			30		30	8	exam
2	Diploma Thesis	20					20		3	credit
Facultative Courses, 120 hours of classes and 12 ECTS credits										
	Systems of Atmosphere Protectiojn	50	20	20				10	6	exam
	Systems of Lithosphere Protection	50	20	20				10	6	exam
	Liquid Mechanics	40	20	20					4	credit
	Membran Processes in Environment protection	40	20	20					4	credit
	Environmental Health Hazards	40	20	20					4	credit
3	Traineeship	3 tygodnie							3	credit
	Total of recommended hours to complete:	320	120	100		30	20	50	30	
	Total of hours to get credited:	240	80	60		30	20	50	30	

Major: Administration

Specialization: Environment protection

Recruitment: 2009

extramural

Year IV – Semester VII

Year IV – Semester VII										
No.	Course	hours	Form of classes and hourly basis						Credits (ECTS)	Form of crediting
			w	c	l	p	s	t		
Core curriculum										
1	Diploma Seminar	20					20		3	credit
Facultative Courses, 100 hours of classes and 12 ECTS credits										
	Recultivation of Degradated Areas	50		20			20	10	6	exam
	Documentation of Environmental Protection Processes	50		20		20	10		6	exam
	Management of Environment in Administration and Economic Entities	50		20		10	20		6	exam
2	Preparation of a Diploma Thesis and Exam Revision	Student's work							15	credit
	Total of recommended hours to complete:	170		60		30	70	10	30	
	Total of hours to get credited:	120		40		20	50	10	30	

Total summary (without diploma thesis and traineeship) – extramural studies

No.	Subject area	Number of hours	ECTS credits– percentage
1	General education curriculum	230	15 – 12,4%
2	Primary curriculum	390	39 – 21,0%
3	Core curriculum	640	75 – 34,3%
4	Facultative courses	600	60 – 32,3%
Total:		1860	189 – 100%

1. Number of ECTS credits is 210 (190 + traineeship and credits for a thesis preparation).
2. The following class types: practical classes, laboratories, projects and field practice provide 66,6% of total number of planned classes.
3. Facultative curriculum provide 30,1% of planned classes.

Major: Administration

Specialization: Administration of Environmental protection

Full time

Recruitment: 2008

Year I

No.	Course	hours	1st semester		ECTS credits	2nd semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30					30	credit	1
2	Human Rights and Their Protection	45				30	15	exam	5
3	Information Technology	30		30	2			credit	
4	Basics of Philosophy	15	15		1			credit	
5	Basics of Psychology	15	15		1			credit	
6	Basics of Legal Logic	15				15		credit	1
7	Ethics in Administration	15				15		credit	1
Primary curriculum									
8	Administration Science	45	30	15	6			exam	
9	Constitutional System of State Bodies	45	30	15	6			exam	
10	Elements of Jurisprudence	45	30	15	6			exam	
11	Macro-economics and Micro-economics	45				30	15	exam	6
12	History of Administration and Polish Law	30	30		4			exam	
Core curriculum									
13	Organisation of Environmental Protection and Its Legal Basis	60				30	30	exam	5
14	Elements of Civil Law	60				30	30	exam	5
15	Office Work Techniques	15					15	credit	2
Optional courses (60 hours and 4 ECTS credits in 1st semester and 60 hours and 4 ECTS credits in 2nd semester)									
16	Regional History	30	30		2			credit	
17	Roman Legal Culture	30	30		2			credit	
18	Constitution of Selected Countries	30	30		2			credit	
19	Economic and Political Geography of Europe	30				30		credit	2
20	Administration in Selected Countries	30				30		credit	2
21	Access to Information and Its Limits	30				30		credit	2
22	Organisational Behaviour in Administration	30				30		credit	2
	Total of recommended hours and ECTS credits in 1st year	720	240	75	32	270	135		34
	Total of minimum hours and ECTS credits in 1st year	630	210	75	30	210	135		30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Administration

Specialization: Administration of Environmental protection

Full time

Recruitment: 2008

Year II

No.	Course	hours	3rd semester		ECTS credits	4th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	60		30	1		30	credit	1
2	Physical Education	60		30	1		30	credit	1
Primary curriculum									
3	Administrative Procedure	45	30	15	6			exam	
4	Administrative Law	90	30	15	3	30	15	exam	5
5	Organization and Management in Administration	45	30	15	4			exam	
6	Economic Public Law	45	30	15	4			exam	
Core curriculum									
7	Public Finance and Financial Law	45				30	15	exam	4
8	Administrative Enforcement Proceedings	45				30	15	exam	4
9	Statistics with Demography	30					30	credit	2
10	Institutions and Sources of Law in European Union	45	30	15	5			exam	
11	Diploma Seminar	15					15	credit	1
	Traineeship (hours not included in the study curriculum)	160					160	credit	
Optional courses (30 hours and 2 ECTS credits in 3rd semester and 30 hours and 3 ECTS credits in 4th semester)									
12	Social Communications - Selected Issues	15		15	1			credit	
13	Negotiation and Mediation Techniques in Administration	15		15	1			credit	
14	Administrative Protection of a Consumer in European Union	15		15	1			credit	
15	Social and Economic Policies of Local Authority	30				30		credit	3
16	Creating Image of a Public Institution and a Company	30				30		credit	3
Core subject area (subject area is selected along with specialization)									
17	Basics of Earth Study	45	30	15	2			credit	
18	Law of Obligations in Environment Administration	15		15	1			credit	
19	Monitoring of Environment	15		15	1			credit	
20	Applied Ecology	45				30	15	exam	5
22	Managment of Environment in Administration and Economic Entities	30				30		credit	2
23	Civilization Dangers and Balanced Development	30				30		credit	2
	Total of recommended hours and ECTS credits in 2nd year	810	180	225	31	240	165		33
	Total of minimum hours and ECTS credits in 2nd year	765	180	210	30	210	165		30

Major: Administration

Specialization: Administration of Environmental protection

Full time

Recruitment: 2008

Year III

No.	Course	hours	5th semester		ECTS credits	6th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30		30	2			exam	
Core curriculum									
2	Basics of Penal Law and Misdemeanour Law	30	15	15	4			exam	
3	Labour Law and Office Law	45				30	15	exam	5
4	Administrative Legislation	30				15	15	exam	4
5	Diploma Seminar	60		30	1		30	credit	1
	Diploma Thesis - preparation of thesis							credit	10
Core subject area (subject area is selected along with specialization)									
6	EU Supportive Programs	30		30	3			credit	
7	Public Procurement in Poland and EU	30	15	15	4			exam	
8	Tax Law	30		30	3			credit	
9	Environmental Health Hazards	15	15		2			credit	
10	Documentaion of Environment Protection Processes	15		15	2			credit	
11	Public International Law	30	30		3			credit	
12	Waste Management	30	15	15	4			exam	
13	Protection of Intellectual Property	15				15		credit	2
14	Environment Protection Techniques	30				15	15	exam	4
15	Spatial Development Law	15				15		credit	2
16	foreign language classes on the subject related to the specialization and major of study - optional	30		15	2		15	credit	2
	Total of recommended hours and ECTS credits in 3rd year	465	90	195	30	90	90		30
	Total of minimum hours and ECTS credits in 3rd year	465	90	195	30	90	90		30
	Total of recommended hours and ECTS credits in the course of study	1995	510	495	93	600	390		97
	Total of minimum hours and ECTS credits in the course of study	1860	480	480	90	510	390		90

Major: Administration

Specialization: Administration of Environmental protection

extramural

Recruitment: 2008

Year I

No.	Course	hours	1st semester		ECTS credits	2nd semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30					30	credit	1
2	Human Rights and Their Protection	20				12	8	exam	5
3	Information Technology	30		30	2			credit	
4	Basics of Philosophy	16	16		1			credit	
5	Basics of Psychology	16	16		1			credit	
6	Basics of Legal Logic	16				16		credit	1
7	Ethics in Administration	16				16		credit	1
Primary curriculum									
8	Administration Science	30	18	12	6			exam	
9	Constitutional System of State Bodies	46	24	22	6			exam	
10	Elements of Jurisprudence	30	18	12	6			exam	
11	Macro-economics and Micro-economics	30				18	12	exam	6
12	History of Administration and Polish Law	30	30		4			exam	
Core curriculum									
13	Organisation of Environmental Protection and Its Legal Basis	24				12	12	exam	5
14	Elements of Civil Law	24				12	12	exam	5
15	Office Work Techniques	10					10	credit	2
Optional courses (24 hours and 4 ECTS credits in 1st semester and 24 hours and 4 ECTS credits in 2nd semester)									
16	Regional History	12	12		2			credit	
17	Roman Legal Culture	12	12		2			credit	
18	Constitution of Selected Countries	12	12		2			credit	
19	Economic and Political Geography of Europe	12				12		credit	2
20	Administration in Selected Countries	12				12		credit	2
21	Access to Information and Its Limits	12				12		credit	2
22	Organisational Behaviour in Administration	12				12		credit	2
	Total of recommended hours and ECTS credits in 1st year	452	158	76	32	134	84		34
	Total of minimum hours and ECTS credits in 1st year	416	146	76	30	110	84		30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Administration

Specialization: Administration of Environmental protection

extramural

Recruitment: 2008

Year II

No.	Course	hours	3rd semester		ECTS credits	4th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	60		30	1		30	credit	1
Primary curriculum									
2	Administrative Procedure	46	24	22	6			exam	
3	Administrative Law	76	24	14	3	24	14	exam	5
4	Organization and Management in Administration	30	16	14	4			exam	
5	Economic Public Law	46	24	22	4			exam	
Core curriculum									
6	Public Finance and Financial Law	16				8	8	exam	4
7	Administrative Enforcement Proceedings	16				8	8	exam	4
8	Statistics with Demography	10					10	credit	2
9	Institutions and Sources of Law in European Union	18	10	8	5			exam	
10	Diploma Seminar	8					8	credit	2
	Traineeship (hours not included in the study curriculum)	120					120	credit	
Optional courses (24 hours and 2 ECTS credits in 3rd semester and 16 hours and 3 ECTS credits in 4th semester)									
11	Social Communications - Selected Issues	12		12	1			credit	
12	Negotiation and Mediation Techniques in Administration	12		12	1			credit	
13	Administrative Protection of a Consumer in European Union	12		12	1			credit	
14	Social and Economic Policies of Local Authority	16				16		credit	3
15	Creating Image of a Public Institution and a Company	16				16		credit	3
Core subject area (subject area is selected along with specialization)									
16	Basics of Earth Study	18	10	8	2			credit	
17	Law of Obligations in Environment Administration	10		10	1			credit	
18	Monitoring of Environment	10		10	2			credit	
19	Applied Ecology	22				12	10	exam	5
21	Managment of Environment in Administration and Economic Entities	12				12		credit	2
22	Civilization Dangers and Balanced Development	12				12		credit	2
	Total of recommended hours and ECTS credits in 2nd year	478	108	174	31	108	88		33
	Total of minimum hours and ECTS credits in 2nd year	450	108	162	30	92	88		30

Major: Administration

Specialization: Administration of Environmental protection

extramural

Recruitment: 2008

Year III

No.	Course	hours	5th semester		ECTS credits	6th semester		form of crediting a course	ECTS credits
			l	c		l	c		
General education curriculum									
1	Foreign Language	30		30	2			exam	
Core curriculum									
2	Basics of Penal Law and Misdemeanour Law	16	8	8	4			exam	
3	Labour Law and Office Law	18				10	8	exam	5
4	Administrative Legislation	16				8	8	exam	4
5	Diploma Seminar	16		8	1		8	credit	1
	Diploma Thesis - preparation of thesis							credit	10
Core subject area (subject area is selected along with specialization)									
6	EU Supportive Programs	14		14	3			credit	
7	Public Procurement in Poland and EU	18	10	8	4			exam	
8	Tax Law	12		12	3			credit	
9	Environmental Health Hazards	12	12		2			credit	
10	Documentaion of Environment Protection Processes	8		8	2			credit	
11	Public International Law	16	16		3			credit	
12	Waste Management	22	12	10	4			exam	
13	Protection of Intellectual Property	12				12		credit	2
14	Environment Protection Techniques	22				12	10	exam	4
15	Spatial Development Law	12				12		credit	2
16	foreign language classes on the subject related to the specialization and major of study - optional	20		10	2		10	credit	2
	Total of recommended hours and ECTS credits in 3rd year	264	58	108	30	54	44		30
	Total of minimum hours and ECTS credits in 3rd year	264	58	108	30	54	44		30
	Total of recommended hours and ECTS credits in the course of study	1194	324	358	93	296	216		97
	Total of minimum hours and ECTS credits in the course of study	1130	312	346	90	256	216		90

ECTS credits

4

1. **Subject name:** Public finances and financial law

2. **Type of studies:** stationary / non-stationary

3. **Description:**

1. Public finances as science
2. Object of science of finances
3. Essence and range of public finances
4. Functions of public finances
5. Budget of state
6. Government revenues
7. Public expenditures

4. **Level:**

- a) **conditions of admittance:** Introduction to jurisprudence
- b) **assumptions and aims:** Knowledge of basic questions with range of financial law
- c) **bibliography:**

Mastalski R. – *Prawo podatkowe*

Ruśkowski (red.) – *Finanse i prawo finansowe*

Sawicka K. – *Budżet jednostki samorządu terytorialnego*

5. **Character of subject:** Obligatory

6. **Teaching team:** Administrative Law Unit

7. **Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 24	4	2
Classes	15/12	4	2
Project			
Seminar			
Total student's workload	120		

8. **Method of teaching, learning and form of course:** lecture, classes

9. **Method of the student's appraisal:** exam, credit

10. **Language:** Polish

ECTS credits

4

1. **Subject name:** The history of administration and of Polish law

2. **Type of studies:** stationary / non-stationary

3. **Description:**

1. Administration at former Polish state to 1454 r.
2. Noble republic (to 1795); range of the monarch's power, central and local offices , the lower house of parliament,
3. Administration on the Polish grounds to 1918 r.
4. Administration at second Republic
5. Administration at a people's republic.
6. History of socialist law

4. **Level:**

- b) **conditions of admittance:** general scope of knowledge with history of Poland + Introduction to jurisprudence
- c) **assumptions and aims:** The aim is getting to know and the understanding of mechanism of constitutional transformation as well as the related with them evolution of legal norms and the master of knowledge enabling her utilization in more far case of teaching.
- d) **bibliography:**

Ajnenkiel A., *Administracja w Polsce*, Zarys historyczny, Warszawa 1997

Bardach J., Lesnodorski B., Pietrzak M., *Historia ustroju i państwa polskiego*, Warszawa 1998

Izdebski H., *Historia administracji*, Warszawa 1997 r.

Sójka – Zielińska K., *Historia prawa*, Warszawa 1997

Szczaniecki M., *Powszechna historia państwa i prawa*, Warszawa 1997

5. **Character of subject:** Obligatory

6. **Teaching team:** Administrative Law Unit

7. **Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 18	1	1
Classes			
Project			
Seminar			
Total student's workload	120		

8. **Method of teaching, learning and form of course:** lecture,

9. **Method of the student's appraisal:** exam,

10. **Language:** Polish

ECTS credits

4

1. Subject name: Administrative legislation**2. Type of studies:** stationary / non-stationary**3. Description:**

1. Adequacy of legal text. Elasticity of text
2. The amendments - change of law
3. Characteristics of language of legal texts

4. Level:**a) conditions of admittance:** Credit of objects with range of law**b) assumptions and aims:** Introduction with basic principles of legislative technique **c) bibliography:**Wronkowska S., Zieliński M., *Problemy i zasady redagowania tekstów prawnych***5. Character of subject:** Obligatory**6. Teaching team:** Theory of Law Unit**7. Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 18	6	3
Classes	15/12	6	3
Project			
Seminar			
Total student's workload	120		

8. Method of teaching, learning and form of course: lecture, classes**9. Method of the student's appraisal:** exam, credit**10. Language:** Polish

ECTS credits

6

1. **Subject name:** Macro-economics and microeconomics

2. **Type of studies:** stationary / non-stationary

3. **Description:**

1. Basic problems of economy
2. The scantiness of resources and potential for production
3. Market, demand, supply
4. Forms of competition
5. Money and bank system
6. Fiscal policy
7. Inflation

4. **Level:**

a) **conditions of admittance:** General range of knowledge on level of secondary modern school

b) **assumptions and aims:** Providing knowledge concerning basic economic notions, mechanisms and principles of operation of as well as regularity of behaviours of the most important subjects acting in this economy

c) **bibliography:**

Begg D., Fischer D., Domsbuch R., *Ekonomia t. 1 i 2*, Warszawa 1995 i kolejne wydania

Czarny B., Czarny E., Bartkowiak R., Rapacki R., *Podstawy ekonomii*, PWE, Warszawa 1998

5. **Character of subject:** Obligatory

6. **Teaching team:** Institute of management

7. **Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 18	2	1
Classes	15/12	2	1
Project			
Seminar			
Total student's workload	180		

8. **Method of teaching, learning and form of course:** lecture, classes

9. **Method of the student's appraisal:** exam, credit

10. **Language:** Polish

ECTS credits

6

1. Course name

Mathematics.

2. Course descriptionLecture

Sequences and series of numbers. Definition and basic properties of functions of one and several variables. Differential calculus of functions of one variable. Integral calculus: definite and indefinite integral, applications of definite integrals. Matrices, determinants, systems of linear equations and Gauss elimination. Elements of analytical geometry. Examples of functional dependencies in the nature.

Classes

Computation methods of limits of sequences, convergence of series. Computation methods of limits of functions. Computations of derivatives of functions. Applications of differential calculus. Computations of definite and indefinite integrals. Operations on matrices. Computations of determinants of matrices. Methods of solving systems of linear equations. Distances and angles in the three-dimensional space.

3. Prerequisites

None.

4. Aim of the course

During the lessons students learn to apply elements of mathematical analysis and linear algebra in description and analysis of basic problems in the natural science, technical sciences and agricultural sciences. Students acquire the ability to give the mathematical description for some phenomena and processes in the nature and the ability of abstract understanding of the problems with the natural sciences.

5. Literature

1. K. Selwat, *Wybrane zagadnienia matematyki*, Seria Wydawnicza PWSZ im. Witelona w Legnicy, Legnica, 2009.
2. M. Gewert, Z. Skoczylas, *Analiza matematyczna 1 i 2*, Oficyna Wydawnicza GiS, Wrocław, 2008.
3. T. Jurlewicz, Z. Skoczylas, *Algebra liniowa 1*, Oficyna Wydawnicza GiS, Wrocław, 2008.
4. G.M. Fichtenholz, *Rachunek różniczkowy i całkowy. Tom I*, PWN, Warszawa, 2007.
5. W. Krywicki, L. Włodarski, *Analiza matematyczna w zadaniach*, PWN, Warszawa, 2006.

6. Type of course

Obligatory.

7. Teaching team

Department of Basic Sciences.

8. Course structure

Form	Number of hours	Semester	year
Lecture	45/45	I	1
Classes	45/45	I	1
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Completion of classes and written examination are the conditions of ranking the lecture.

10. Language:

Polish.

ECTS credits

6

1. Subject name: Science of administration**2. Type of studies:** stationary / non-stationary**3. Description:**

1. Science of administration in the face of related disciplines
2. Politics and administration
3. Principles of administration in traditional perspective
4. Models of civil service
5. Public administration in the face of political parties and groups of business

4. Level:

- a) conditions of admittance: General range of knowledge on level of secondary modern school
- b) assumptions and aims: Providing knowledge concerning functioning of public administration
- c) bibliography:

Izdebski H., Kulesza M., *Administracja publiczna. Zagadnienia ogólne*, Warszawa 1998

Longchamps F., *Założenia nauki administracji*, Wrocław 1993

Nosala E., Zacharka L., Matan A., *Nauka administracji*, Zakamycze 1999

5. Character of subject: Obligatory**6. Teaching team:** Administration Law Unit**7. Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 18	1	1
Classes	15/12	1	1
Project			
Seminar			
Total student's workload	180		

8. Method of teaching, learning and form of course: lecture, classes**9. Method of the student's appraisal:** exam, credit**10. Language:** Polish

ECTS credits

3

1. Subject name: Protection of intellectual property**2. Type of studies:** stationary / non-stationary**3. Description:**

1. Origin and notion of law of intellectual property
2. Intellectual goods
3. Subject of intellectual property

4. Level:

- a) conditions of admittance: general law knowledge
- b) assumptions and aims: Presentation of problems of intellectual property protection
- c) bibliography:

- a. Ustawa z dnia 30 czerwca 2000 r (tekst jednolity - Dz. U. z 2003r., nr 119, poz. 1117 z późn. zm.)
- b. Traktat Światowej Organizacji Własności Intelektualnej o Prawie Autorskim, sporządzony w Genewie dnia 20 grudnia 1996 r. (Dz.U. 2005 nr 3 poz. 12)

5. Character of subject: Obligatory**6. Teaching team:** Administration Law Unit**7. Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 18	5	3
Classes			
Project			
Seminar			
Total student's workload	90		

8. Method of teaching, learning and form of course: lecture,**9. Method of the student's appraisal:** credit**10. Language:** Polish

ECTS credits

4

1. **Subject name:** Organization and management in administration

2. **Type of studies:** stationary / non-stationary

3. **Description:**

1. Organization as a structure
2. Projecting organizational structures
3. Management as decision process
4. Informative systems at organization
5. Functions of management

4. **Level:**

- a) conditions of admittance: Administrative law
- b) assumptions and aims: Providing knowledge concerning organization and management of institutions
- c) bibliography:

Griffin R. W., *Zarządzanie*, PWN Warszawa 1992

Koźmiński A. K., Piotrowski W., *Zarządzanie – teoria, praktyka*, PWN Warszawa 1997

5. **Character of subject:** Obligatory

6. **Teaching team:** Management Unit

7. **Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 24	3	2
Classes	15/12	3	2
Project			
Seminar			
Total student's workload	120		

8. **Method of teaching, learning and form of course:** lecture, classes

9. **Method of the student's appraisal:** exam, credit

10. **Language:** Polish

ECTS credits

6

1. **Subject name:** Basis of jurisprudence
2. **Type of studies:** stationary / non-stationary
3. **Description:**

1. Concept of law
2. Legal norm
3. System of law
4. Being in force of law
5. Interpretation of law
6. Legal relation

4. **Level:**

- a) **conditions of admittance:** General knowledge about state
- b) **assumptions and aims:** Using the general notional apparatus with range of jurisprudence
- c) **bibliography:**

Nowacki J., Tabor Z., *Wstęp do prawoznawstwa*, Katowice 1998

Redelbach A., *Wstęp do prawoznawstwa*, Poznań 1996

Rot H., *Wstęp do nauk prawnych*, Wrocław 1994

5. **Character of subject:** Obligatory
6. **Teaching team:** General Theory of Law Unit
7. **Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 18	1	1
Classes	15/12	1	1
Project			
Seminar			
Total student's workload	180		

8. **Method of teaching, learning and form of course:** lecture, classes
9. **Method of the student's appraisal:** exam, credit
10. **Language:** Polish

ECTS credits

10

1. Subject name: Dissertation**2. Type of studies:** stationary / non-stationary**3. Description:**

1. Preparation of dissertation by student under the promotor's direction

4. Level:**a) conditions of admittance:** Credit of earlier semesters**b) assumptions and aims:** Completion studies and obtainment Bachelor's degree**5. Character of subject:** Obligatory**6. Teaching team:** -**7. Subject structure**

Form	Number of hours	Semester	year
Lecture			
Classes			
Project			
Seminar			
Total student's workload	300		

8. Method of teaching, learning and form of classes: Seminar**9. Method of the student's appraisal:** credit of dissertation**10. Language:** Polish

ECTS credits
2/ 1, 2 year
4/ 2 year non-stat.

1. Subject name: Traineeship**2. Type of studies:** stationary / non-stationary**3. Description:**

1. The introduction from management and the mechanisms of functioning the institution, in which the student takes place the practice
2. Legal and economic analysis of chosen problems of institution
3. Opinion of introduced problems in time of practice

4. Level:**a) conditions of admittance: -**

b) assumptions and aims: Practical preparation of students to professional work in speciality compatible with direction of studies

5. Character of subject: Obligatory**6. Teaching team: -****7. Course structure**

Form	Number of hours	Semester	year
Lecture			
Classes	200,200	2,4	1,2,3
Project			
Seminar			
Total student's workload	363		

8. Method of teaching, learning and form of course: classes**9. Method of the student's appraisal:** credit**10. Language:** Polish

ECTS credits

5

1. Subject name: Human rights and their protection**2. Type of studies:** stationary / non-stationary**3. Description:**

1. Origin, concept and typology of human rights
2. The range and character of being in force the legal norms concerning the individual
3. Limitations of rights and freedoms
4. Guarantees and protection of human rights
5. Universalism and regionalism within systems of protection of human rights

4. Level:

a) conditions of admittance: General knowledge about state, Constitutional law

b) assumptions and aims: Presentation of problems of freedoms, rights the and duties of individual in theory and practice

c) bibliography:

Banaszak B., *Prawa jednostki i systemy ich ochrony*, Wrocław 1995Łopatka A., *Międzynarodowe prawo praw człowieka*, Warszawa 1998Redelbach A., *Sądy a ochrona praw człowieka*, Toruń 1999**5. Character of subject:** Obligatory**6. Teaching team:** Constitutional and European Law Unit**7. Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 12	2	1
Classes	15/12	2	1
Project			
Seminar			
Total student's workload	150		

8. Method of teaching, learning and form of course: lecture, classes**9. Method of the student's appraisal:** exam, credit**10. Language:** Polish

ECTS credits

3/sem. 3

5/ sem. 4

1. **Subject name:** Administrative law
2. **Type of studies:** stationary / non-stationary
3. **Description:**

1. Concept of administration
2. Sources of administrative law
3. Legal organization of administration
4. Central administration,
5. Local self-government
6. Legal relations between administering subjects
7. Legal control of administration
8. Employees of administration

4. **Level:**

- a) **conditions of admittance:** Introduction to jurisprudence
- b) **assumptions and aims:** Devolving knowledge about public administration
- c) **bibliography:**

Boć J. (red), *Prawo administracyjne*, Kolonia Limited, Wrocław 2000

5. **Character of subject:** Obligatory
6. **Teaching team:** Administration Law Unit
7. **Course structure**

Form	Number of hours	Semester	year
Lecture	60/ 36	3,4	2
Classes	60/36	3,4	2
Project			
Seminar			
Total student's workload	240		

8. **Method of teaching, learning and form of course:** lecture, classes
9. **Method of the student's appraisal:** exam, credit
10. **Language:** Polish

ECTS credits

4/5

1. **Subject name:** Economic public law
2. **Type of studies:** stationary / non-stationary
3. **Description:**

1. Concept of economic law
2. Legal measures of state's influence on the economy
3. Principles of economic public law
4. Concept, structure and tasks of economic administration
5. Commencing and conducting economic activity
6. Restructuring and privatization of economy
7. State enterprises and their restructuring
8. Protection of competition
9. The role of the state and local self-government in the economy

4. **Level:**

- a) conditions of admittance: Basis of civil law
 b) assumptions and aims: Devolving knowledge about subject of economic law from special regard the role of state in the sphere of economy
 c) bibliography:

Ciechanowicz-McLean J., A. Powalowski, *Publiczne prawo gospodarcze. Zarys wykładu*, wyd. LexisNexis, Warszawa 2003

Kosikowski C., *Publiczne prawo gospodarcze Polski i UE*, wyd. I, LexisNexis, Warszawa 2005

Olszewski J. (red.), *Publiczne prawo gospodarcze*, wyd. C. H. Beck, Warszawa 2005

5. **Character of subject:** Obligatory
6. **Teaching team:** Civil and Commercial Law Unit
7. **Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 24	3	2
Classes	30/18	3	2
Project			
Seminar			
Total student's workload	270		

8. **Method of teaching, learning and form of course:** lecture, classes
9. **Method of the student's appraisal:** exam, credit
10. **Language:** Polish

ECTS credits

5

1. **Subject name:** International public law
2. **Type of studies:** stationary / non-stationary
3. **Description:**

1. Characteristic features of international public law
2. Characteristic features of international organizations law
3. Relationship of international law with internal law of states
4. Sources of international law
5. Diplomatic law
6. Settling international disputes
7. Legal international responsibility

4. **Level:**

- a) **conditions of admittance:** European Law, Constitutional law
 b) **assumptions and aims:** Presentation of international legal settlements
 c) **bibliography:**

Bierzanek R., Simonides J., *Prawo międzynarodowe publiczne*, Warszawa 1997r

Gilas J., *Prawo międzynarodowe*, Toruń 1999 r

5. **Character of subject:** Obligatory
6. **Teaching team:** Constitutional and European Law Unit
7. **Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 24	5	3
Classes			
Project			
Seminar			
Total student's workload	150		

8. **Method of teaching, learning and form of course:** lecture,
9. **Method of the student's appraisal:** exam,
10. **Language:** Polish

ECTS credits

3

1. Subject name: Tax law of the European Union countries**2. Type of studies:** stationary / non-stationary**3. Description:**

1. General theory of tax
2. Tax procedure in Poland
3. Personal income tax in Poland
4. Corporate income tax in Poland
5. Value added tax in Poland
6. Tax harmonization and tax competition
7. Harmonization of VAT in the European Union
8. Systems of individual taxation in EU
9. Systems of corporate taxation in EU.

4. Level:

a) conditions of admittance: Public finances law

b) assumptions and aims: Presentation of principles of functioning European union member states tax systems as well as the case of tax harmonization proces in frames of Community in reference to Polish tax system.

c) bibliography:

R. Lipniewicz, *Prawo podatkowe w Polsce i w Unii Europejskiej*, Legnica 2006,
 B. Brzeziński, M. Kalinowski, *Prawo podatkowe Wspólnoty Europejskiej*, Gdańsk 2006,
 Gomułowicz A., Małecki J., *Podatki i Prawo podatkowe*, Warszawa 2004,
 Mastalski R., *Prawo podatkowe*, Warszawa 2006,
 K. Wach, *Systemy podatkowe krajów UE*, Kraków 2005

5. Character of subject: Obligatory**6. Teaching team:** Administrative Law Unit**7. Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 12	5	3
Classes	15/12	5	3
Project			
Seminar			
Total student's workload	90		

8. Method of teaching, learning and form of course: lecture, classes**9. Method of the student's appraisal:** credit**10. Language:** Polish

ECTS credits

5

1. Subject name: Labor law and clerical law**2. Type of studies:** stationary / non-stationary**3. Description:**

1. General questions, object of labor law
2. Establishing of the employment relationship
3. Termination of the employment relationship
4. Annual leave and other breaks from work

4. Level:

- a) conditions of admittance: The credit of part of law objects
 b) assumptions and aims: Skill of interpretation of legal language with range of labor law
 c) bibliography:

Florek L., Zieliński T., *Prawo pracy*, Warszawa 2004

Iwulski J., Sanetra W., *Kodeks pracy, komentarz*, Warszawa 1999

Salwa Z., *Prawo pracy i ubezpieczeń społecznych*, Warszawa 2002

Zieliński T., *Prawo pracy. Zarys systemu*, Cz. I, II, III Warszawa-Kraków 1986, tenże *Podstawy rozwoju prawa pracy*, Warszawa-Kraków 1988

Żołyński J.– *Indywidualne prawo pracy w teorii i praktyce*, Legnica 2005

5. Character of subject: Obligatory**6. Teaching team:** Civil and Commercial Law Unit**7. Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 18	6	3
Classes	15/12	6	3
Project			
Seminar			
Total student's workload	150		

8. Method of teaching, learning and form of course: lecture, classes**9. Method of the student's appraisal:** exam, credit**10. Language:** Polish

ECTS credits

2/3

1. **Subject name:** Companies law
2. **Type of studies:** stationary / non-stationary
3. **Description:**

5. Basic institutions of law of obligations
6. Contracts
7. Basic institutions of companies law

4. **Level:**

- a) conditions of admittance: Introduction to jurisprudence
- b) assumptions and aims: Presentation of legal regulations of turnover with participation of economic subjects
- c) bibliography:

Podstawy prawa cywilnego i handlowego pod red. Edwarda Gniewka, Wydawnictwo Uniwersytetu Wrocławskiego, Wrocław 1998

5. **Character of subject:** Obligatory
6. **Teaching team:** Civil and Commercial Law Unit
7. **Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 18	4	2
Classes	30/12	4	2
Project			
Seminar			
Total student's workload	150		

8. **Method of teaching, learning and form of course:** lecture, classes
9. **Method of the student's appraisal:** credit
10. **Language:** Polish

ECTS credits

2

1. **Subject name:** Land development law
2. **Type of studies:** stationary / non-stationary
3. **Description:**

1. Definition and goal of land planning
2. Elements of above domestic planning
3. Technical and social infrastructure
4. Studies of form of terrain
5. Kinds of landscape
6. Procedure of local land development plan

4. **Level:**

- a) conditions of admittance: Economic law
- b) assumptions and aims: Getting to know of land planning
- c) bibliography:

Local land development plans

5. **Character of subject:** Obligatory
6. **Teaching team:** Civil and Commercial Law Unit
7. **Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 18	6	3
Classes			
Project			
Seminar			
Total student's workload	60		

8. **Method of teaching, learning and form of course:** lecture,
9. **Method of the student's appraisal:** credit
10. **Language:** Polish

ECTS credits

2/ sem.4

3/ sem.5

3/ sem.6

1. Subject name: Seminar**2. Type of studies:** stationary / non-stationary**3. Description:**

1. Methodological workshops and choice of subjects of Bachelor's dissertation – *semester IV*
2. Thesis, determining the problematic range of Bachelor's dissertation – *semester V*
3. Writing, reporting of Bachelor's dissertation fragments and their assessment – *semester VI*
4. **Level:**

a) conditions of admittance: Credit of basic objects and part objects of direct education

b) assumptions and aims:

Familiarization seminar student with organized cycle at writing Bachelor's dissertation.

Introduction seminar students with research method of Bachelor's dissertation

Education about technique of writing of Bachelor's dissertation

c) bibliography:

Boć J., *Jak napisać pracę magisterską*, Kolonia Limited, Wrocław 2001

Pułko A., *Prace magisterskie i licencjackie. Wskazówki dla studentów*, PWN, Warszawa 200

5. Character of subject: Obligatory**6. Teaching team:** Institute of Administration**7. Course structure**

Form	Number of hours	Semester	year
Lecture			
Classes	15,30,30 / 12, 24, 24	4,5,6	2,3
Project			
Seminar			
Total student's workload	240		

8. Method of teaching, learning and form of course: seminar**9. Method of the student's appraisal:** credit**10. Language:** Polish

ECTS credits

2

1. **Subject name:** Statistics with demography

2. **Type of studies:** stationary / non-stationary

3. **Description:**

1. Organization of public statistics in Poland

2. Statistical observations

3. Assembling and statistical sequences

4. Presentation of statistical material

5. Audit of correlation of phenomena in time

6. Economic indexes

4. **Level:**

a) **conditions of admittance:** Economy

b) **assumptions and aims:** The knowledge of basic methods of presentation statistical material; practical utilization of statistics in public administration

c) **bibliography:**

Jurek T., Mika E., Olbrycht I., *Zbiór zadań ze statystyki opisowej*, Kolonia Limited, Wrocław 2001

Sobczyk M., *Statystyka*, PWN, Warszawa 2000

5. **Character of subject:** Obligatory

6. **Teaching team:** Management Unit

7. **Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 12	4	2
Classes	15/12	4	2
Project			
Seminar			
Total student's workload	60		

8. **Method of teaching, learning and form of course:** lecture, classes

9. **Method of the student's appraisal:** credit

10. **Language:** Polish

ECTS credits

2/3

1. Subject name: Techniques of negotiation and mediation in administration**2. Type of studies:** stationary / non-stationary**3. Description:**

1. Introduction to social communication
2. Interpersonal communication
3. Communicating at organization on different levels
4. Non - verbal and verbal communication
5. Techniques of formulating the messages
6. Basic barriers in communicating

4. Level:

a) conditions of admittance: General knowledge

b) assumptions and aims: Familiarization the students with basic questions with range of social communication and negotiations.

c) bibliography:

Eicher J., *Sztuka komunikowania się*, Ravi, Warszawa 1995Jamrożek B., Sobczak J., *Komunikacja interpersonalna*, eMPi2, Poznań 2000Nęcki Z., *Negocjacje w biznesie*, PSB, Kraków 1999Sikorski Cz., *Zachowania ludzi w organizacji*, PWN, Warszawa, 1999Stankiewicz J., *Komunikowanie się w organizacji*, ASTRUM Poznań 1999**5. Character of subject:** Obligatory**6. Teaching team:** Institute of Administration**7. Subject structure**

Form	Number of hours	Semester	year
Lecture	30/ 18	5	3
Classes			
Project			
Seminar			
Total student's workload	150		

8. Method of teaching, learning and form of classes: lecture,**9. Method of the student's appraisal:** credit**10. Language:** Polish

ECTS credits

1

1. Subject name: Physical education**2. Type of studies:** stationary**3. Description:**

1. Physical education - different forms of motoral activity

4. Level:

a) conditions of admittance: -

b) assumptions and aims: Support the different forms of motoral activity

5. Character of subject: Obligatory**6. Teaching team:** -**7. Subject structure**

Form	Number of hours	Semester	year
Lecture			
Classes	60	3,4	2
Project			
Seminar			
Total student's workload	30		

8. Method of teaching, learning and form of classes: classes**9. Method of the student's appraisal:** credit**10. Language:** Polish

ECTS credits

1/ sem.5

2/sem.6

1. Subject name: Lectures to choice in foreign language**2. Type of studies:** stationary**3. Description:**

The program contents of lectures in foreign language concern the knowledge supplementary to the objects realized as basic, direction or specialist.

4. Level:

a) conditions of admittance: A knowledge of foreign language in which the lectures are realized, as well as problems which the lectures concern

b) assumptions and aims: Getting to know legal and economic questions in foreign language

c) bibliography: Publications recommended each the time by lecturers

5. Character of subject: Obligatory**6. Teaching team:** Institute of Administration**7. Subject structure**

Form	Number of hours	Semester	year
Lecture	30	5	3
	30	6	3
Classes			
Project			
Seminar			
Total student's workload	90		

8. Method of teaching, learning and form of classes: lecture,**9. Method of the student's appraisal:** credit**10. Language:** foreign

ECTS credits

4

1. **Subject name:** Competitive rendering in Poland and EU

2. **Type of studies:** stationary / non-stationary

3. **Description:**

1. Concept of Competitive rendering
2. Competitive rendering issues in Poland
3. Competitive rendering issues in EU

4. **Level:**

a) **conditions of admittance:** General knowledge

b) **assumptions and aims:** Presentation of Competitive rendering issues in Poland and EU

c) **bibliography:**

Prawo zamówień publicznych, pod red. Tomasza Czajkowskiego, Warszawa, 2006

5. **Character of subject:** Obligatory

6. **Teaching team:** Administrative Unit

7. **Course structure**

Form	Number of hours	Semester	year
Lecture	30/ 18	5	3
Classes	15/12	5	3
Project			
Seminar			
Total student's workload	120		

8. **Method of teaching, learning and form of course:** lecture, classes

9. **Method of the student's appraisal:** exam, credit

10. **Language:** Polish

Computer Science

Field and Specializations description

Studying Computer Science provides graduates solid fundamentals in mathematics, physics, electronics and metrology, information theory, English and selected law aspects. However, the main focus is on general education in methods and techniques of programming – especially design and object programming, database systems, computer networks, operating systems including UNIX, Windows NT (Windows 200x), computer architecture, design and implementation of computer systems. Additionally, the graduate gains the knowledge of design and use of intelligent systems.

Specialization: Computer systems and networks

Additional abilities in computer systems and networks include advanced problems of wide and local area networks. Students learn administration of network operating system Novell NetWare, problems of local and wide area networks design, procedures of access to public networks in Poland. A substantial element of teaching are also issues of data transmission and network security. Finally, the education is enriched with information on application design, especially databases, system control and experiment systems.

Specialization: Internet and multimedia systems

Abilities in Internet techniques include mainly hypertext and dynamic WWW services programming with database access in wide area networks. Moreover, graduates learn about computer graphics systems. The overall education is complemented with knowledge on Internet applications, e-commerce, warehouses, law and social aspects of Internet. The graduate of Internet and multimedia systems specialization is not only a programmer or designer of Web pages. His knowledge includes also elements of wide and local networks design, exchange of information in Internet, graphics composition.

Specialization: Computer graphics

Additional abilities in computer graphics include – besides theoretical aspects of computer graphics and multimedia systems – the capability to use of advanced graphics 2D and 3D systems and graphical design. The specialization program includes also subjects of art (plastic composition), modern multimedia systems (modeling, animation, video assembly, multimedia presentation), advanced vector and raster graphics. Students gain a lot of practical abilities during many hours of laboratories equipped with adequate hardware and graphics software.

Specialization: Information Systems in Management

Additional abilities in information systems in management – besides basic knowledge of computer science applications – the capability to use computer systems in management and production. A solid experience in economics allows modelling of a bussines processes. After graduate one can find a job in distribution and management departments of software systems, in IT departments, analitical departments, as project managers in IT fields.

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2009

Full time

Year I

Lp.	Course name	Hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			lc	c	l	p	s		w	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	Grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	30	30				5							Exam
3	Physics for engineers	60	30		30			5							Grade
4	Introduction to technique	30	30					5							Grade
5	Discrete mathematics	60							30	30				5	Exam
6	Electronics and metrology - basic principles	60							30	30				6	Exam
Main subjects															
7	Fundamentals of law in informatics	45	30	15				2							Grade
8	Law aspects of IT market	45							30	15				2	Grade
9	Introduction to Computer Engineering	60	30	30				5							Exam
10	Fundamentals of programming I	60	30		30			6							Grade
11	Fundamentals of programming II	60							30		30			6	Grade
12	Algorithms and data structures	60							30		30			6	Exam
13	Fundamentals of computer graphics	30							15		15			3	Grade
Overall hours/ECTS credits			210	75	60	0	0	30	195	75	75	0	0	30	
Overall hours in semester (year)		690	345						345						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2009

Full time

Year II

Lp.	Course name	Hours	Semestr 3					ECTS	Semestr 4					ECTS	Form of credit
			w	c	l	p	s		w	c	l	p	s		
Subjects of general education															
1	Physical education	60		30				1		30				1	Grade
2	English language	60		30				1		30				1	Grade
Basic subjects															
3	Fundamentals of probabilistic and statistics methods	60	30	30				6							Exam
4	Fundamentals of information theory	30	30					2							Grade
Main subjects															
5	Object-oriented design and programming	90	30		30			5	15		15			4	Grade
6	Computer Networks	90	30		30			5	30					4	G,E
7	Databases	60	30		30			5							Grade
8	Computer architecture	60	30		30			5							Exam
9	Operating Systems	60							30		30			5	Exam
10	Practice	200												0	Grade
Subjects for speciality															
11	Designing of the database systems	60							30			30		5	Exam
12	Visual programming	45							15		30			4	Grade
13	System Techniques Basics	60							30		30			4	Grade
14	Computer management systems	30							30					2	Grade
Overall hours/ECTS credits			180	90	120	0	0	30	180	60	105	30	0	30	
Overall hours in semester (year)		765	390						375						

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2009

Full time

Year III

Lp.	Course name	Hours	Semestr 5					ECTS	Semestr 6					ECTS	Form of credit
			w	c	l	p	s		w	c	l	p	s		
Subjects of general education															
1	English language	60		30				1		30				2	G,E
Main subjects															
2	Designing and implementing information systems	60	30					2					30	2	Grade
3	Microprocessor techniques and embeded systems	45	30		15			3							Grade
4	Security of information systems	75							30			15	30	5	Exam
5	Methods of artificial intelligence	90	30		30			4					30	3	E,G
6	Practice	200													Grade
Subjects for speciality															
7	Mobile systems	45	15			30		3							Grade
8	UNIX administration	30			30			2							Grade
9	Administration of Windows Server	30									30			2	Grade
10	Selected Aspects of Computer Networks	60	30				30	6							Exam
11	Foundation of Computer Simulation	60							30		30			5	Exam
12	Diploma seminar	45					15	2					30	2	Grade
13	Monographic A	60	30				30	5							Grade
14	Monographic B	60							30				30	5	Grade
15	Diploma thesis							2						4	Grade
Overall hours/ECTS credits			165	30	75	30	75	30	90	30	60	15	150	30	
Overall hours in semester (year)		720	375						345						

Year IV

Year IV									
Lp.	Course name	Hours	Semestr 7					ECTS	Form of credit
			w	c	l	p	s		
Subjects for speciality									
1	Diploma seminar	30					30	2	Grade
2	Team Project	30			30			7	Grade
3	Computer systems and networks design	30			30			7	Grade
4	Monographic C	60	30				30	5	Grade
5	Diploma thesis							9	Grade
Overall hours/ECTS credits			30	0	60	0	60	30	
Overall hours in semester		150	150						

Overall hours – 2325

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2009

Non-stationary

Year I

No.	Course name	Hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			w	c	l	p	s		w	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	36	24				5							exam
3	Physics for engineers	48	24		24			5							grade
4	Introduction to technique	24	24					5							grade
5	Discrete mathematics	60							36	24				5	exam
6	Electronics and metrology - basic principles	48							24	24				6	exam
Main subjects															
7	Fundamentals of law in informatics	24	12	12				2							grade
8	Law aspects of IT market	24							12	12				2	grade
9	Introduction to Computer Engineering	24	12	12				5							exam
10	Fundamentals of programming I	48	24		24			6							grade
11	Fundamentals of programming II	48							24		24			6	grade
12	Algorithms and data structures	48							24		24			6	exam
13	Fundamentals of computer graphics	24							12		12			3	grade
Overall hours/ECTS credits			162	48	48	0	0	30	162	60	60	0	0	30	
Overall hours in semester (year)		540	258						282						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2009

Non-stationary

Year II

No.	Course name	Hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			w	c	l	p	s		w	c	l	p	s		
Subjects of general education															
1	English language	60		30				1		30				1	grade
Basic subjects															
2	Fundamentals of probabilistic and statistics methods	60	36	24				6							exam
3	Fundamentals of information theory	12	12					2							grade
Main subjects															
4	Object-oriented design and programming	48	12		12			5	12		12			4	grade
5	Computer Networks	60	12		24			5	24					5	G,E
6	Databases	36	24		12			6							exam
7	Computer architecture	48	24		24			5							exam
8	Operating Systems	48							24		24			5	exam
10	Practice	200												0	grade
Subjects for speciality															
11	Designing of the database systems	36							24			12		5	exam
12	Visual programming	24							12		12			4	grade
13	System Techniques Basics	36							24		12			4	grade
14	Computer management systems	12							12					2	grade
Overall hours/ECTS credits			120	54	72	0	0	30	132	30	60	12	0	30	
Overall hours in semester (year)		480	246						234						

Major: Information technology
 Specialization: Computer system and networks
 Recruitment: 2009

Non-stationary

Year III

Lp.	Course name	Hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit
			w	c	l	p	s		w	c	l	p	s		
Subjects of general education															
1	English language	60		30				1		30				2	G,E
Main subjects															
2	Designing and implementing information systems	48	24					2					24	2	grade
3	Microprocessor techniques and embeded systems	24	12		12			3							grade
4	Security of information systems	60							24			12	24	6	exam
5	Methods of artificial intelligence	48	12		12			4					24	3	E, G
6	Practice	200													grade
Subjects for speciality															
7	Mobile systems	24	12			12		3							grade
8	UNIX administration	24			24			2							grade
9	Administration of Windows Server	24									24			1	grade
10	Selected Aspects of Computer Networks	48	24				24	6							exam
11	Foundation of Computer Simulation	48							24		24			5	exam
12	Diploma seminar	36					12	2					24	2	grade
13	Monographic A	36	24				12	5							grade
14	Monographic B	36							24				12	5	grade
15	Diploma thesis							2						4	grade
Overall hours/ECTS credits			108	30	48	12	48	30	72	30	48	12	108	30	
Overall hours in semester (year)		516	246						270						

Year IV

Year IV										
No.	Course name	Hours	Semester 7					ECTS	Form of credit	
			w	c	l	p	s			
Subjects for speciality										
1	Diploma seminar	24					24	2	grade	
2	Team Project	24			24			7	grade	
3	Computer systems and networks design	24			24			7	grade	
4	Monographic C	36	24				12	5	grade	
5	Diploma thesis							9	grade	
Overall hours/ECTS credits			24	0	48	0	36	30		
Overall hours in semester		108	108							

Overall hours – 1644

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2008

Full time

Year I

No.	Course name	Hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	30	30				5							exam
3	Physics for engineers	60	30		30			5							grade
4	Introduction to technique	30	30					5							grade
5	Discrete mathematics	60							30	30				5	exam
6	Electronics and metrology - basic principles	60							30	30				6	exam
Field subjects															
7	Fundamentals of law in informatics	45	30	15				2							grade
8	Law aspects of IT market	45							30	15				2	grade
9	Introduction to Computer Engineering	60	30	30				5							exam
10	Fundamentals of programming I	60	30		30			6							grade
11	Fundamentals of programming II	60							30		30			6	grade
12	Algorithms and data structures	60							30		30			6	exam
13	Fundamentals of computer graphics	30							15		15			3	grade
Overall hours/ECTS credits			210	75	60	0	0	30	195	75	75	0	0	30	
Overall hours in semester (year)		690	345						345						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2008

Full time

Year II

No.	Course name	Hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Physical education	60		30				1		30				1	grade
2	English	60		30				1		30				1	grade
Basic subjects															
3	Fundamentals of probabilistic and statistics methods	60	30	30				6							exam
4	Fundamentals of information theory	30							30					2	grade
Field subjects															
5	Object-oriented design and programming	90	30		30			5	15		15			3	grade
6	Computer Networks	90	30		30			5	30					3	G, E
7	Databases	60	30		30			5							exam
8	Computer architecture	60	30		30			5							exam
9	Operating Systems	60							30		30			5	exam
10	Practice	200												2	grade
Subjects for speciality															
11	Designing of the database systems	60							30			30		5	exam
12	Visual programming	45							15		30			4	grade
13	System Techniques Basics	60	30					2			30			2	grade
14	Computer management systems	30							30					2	grade
Overall hours/ECTS credits			180	90	120	0	0	30	180	60	105	30	0	30	
Overall hours in semester (year) without practice		765	390						375						

Major: Information technology

Specialization: Computer system and networks

Full time

Recruitment: 2008

Year III

Lp.	Course name	Hours	Semester 5					Credits ECTS	Semester 6					Credits ECTS	Form of credit	
			l	c	l	p	s		l	c	l	p	s			
Subjects of general education																
1	English	60		30				1		30				2	G, E	
Field subjects																
2	Designing and implementing information systems	60	30					2					30	2	Grade	
3	Microprocessor techniques and embeded systems	45	30		15			3							Grade	
4	Security of information systems	60							30			15	15	4	Exam	
5	Methods of artificial intelligence	90	30		30			4					30	2	E, G	
6	Practice	200												2	Grade	
Subjects for speciality																
7	Mobile systems	45	15			30		3							Grade	
8	UNIX administration	30			30			2							Grade	
9	Administration of Windows 2003	30									30			2	Grade	
10	Selected Aspects of Computer Networks	60	30				30	6							Exam	
11	Foundation of Computer Simulation	60							30		30			5	Exam	
12	Diploma seminar	45					15	2					30	2	Grade	
13	Monographic A	60	30				30	5							Grade	
14	Monographic B	60							30				30	5	Grade	
15	Diploma thesis							2						4	Grade	
Overall hours/ECTS credits			165	30	75	30	75	30	90	30	60	15	135	30		
Overall hours in semester (year) without practice		705	375						330							

Year IV

No.	Course name	Hours	Semester 7					Credits	Form of credit
			l	c	l	p	s	ECTS	
Subjects for speciality									
1	Diploma seminar	30					30	2	Grade
2	Team Project	30			30			7	Grade
3	Computer systems and networks design	30			30			7	Grade
4	Monographic C	60	30				30	5	Grade
5	Diploma thesis							9	Grade
Overall hours/ECTS credits			30	0	60	0	60	30	
Overall hours :		150	150						

Overall hours - 2310

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2008

Non-stationary

Year I

No.	Course name	Hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	Grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	36	24				5							Exam
3	Physics for engineers	48	24		24			5							Grade
4	Introduction to technique	24	24					5							Grade
5	Discrete mathematics	60							36	24				5	Exam
6	Electronics and metrology - basic principles	48							24	24				6	Exam
Field subjects															
7	Fundamentals of law in informatics	24	12	12				2							Grade
8	Law aspects of IT market	24							12	12				2	Grade
9	Introduction to Computer Engineering	24	12	12				5							Exam
10	Fundamentals of programming I	48	24		24			6							Grade
11	Fundamentals of programming II	48							24		24			6	Grade
12	Algorithms and data structures	24							12		12			6	Exam
13	Fundamentals of computer graphics	24							12		12			3	Grade
Overall hours/ECTS credits			162	48	48	0	0	30	150	60	48	0	0	30	
Overall hours in semester (year)		516	258						258						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2008

Non-stationary

Year II

Lp.	Course name	Hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Engilsh	60		30				1		30				1	Grade
Basic subjects															
3	Fundamentals of probabilistic and statistics methods	60	36	24				6							Exam
4	Fundamentals of information theory	12							12					2	Grade
Field subjects															
5	Object-oriented design and programming	48	12		12			5	12		12			3	Grade
6	Computer Networks	60	12		24			5	24					4	G, E
7	Databases	36	24		12			6							Exam
8	Computer architecture	36	24		12			5							Exam
9	Operating Systems	36							24		12			5	Exam
10	Practice	200												2	Grade
Subjects for speciality															
11	Designing of the database systems	36							24			12		5	Exam
12	Visual programming	24							12		12			4	Grade
13	System Techniques Basics	36	24					2			12			2	Grade
14	Computer management systems	12							12					2	Grade
Overall hours/ECTS credits			132	84	60	0	0	31	120	60	48	12	0	31	
Overall hours in semester (year) without practice		516	276						240						

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2008

Non-stationary

Year III

Lp.	Course name	Hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English	60		30				1		30				2	G, E
Field subjects															
2	Designing and implementing information systems	36	12					2					24	2	Grade
3	Microprocessor techniques and embeded systems	24	12		12			3							Grade
4	Security of information systems	36							12			12	12	5	Exam
5	Methods of artificial intelligence	48	12		12			4					24	2	E, G
6	Practice	200												2	Grade
Subjects for speciality															
7	Mobile systems	24	12			12		3							Grade
8	UNIX administration	24			24			2							Grade
9	Administration of Windows 2003	24									24			2	Grade
10	Selected Aspects of Computer Networks	48	24				24	6							Exam
11	Foundation of Computer Simulation	48							24		24			5	Exam
12	Diploma seminar	36					12	2					24	2	Grade
13	Monographic A	36	24				12	5							Grade
14	Monographic B	36							24				12	5	Grade
15	Diploma thesis							2						4	Grade
Overall hours/ECTS credits			96	30	48	12	48	30	60	30	48	12	96	31	
Overall hours in semester (year) without practice		480	234						246						

Year IV

Lp.	Course name	Hours	Semester 7					ECTS	Form of credit
			l	c	l	p	s		
Subjects for speciality									
1	Diploma seminar	24					24	2	Grade
2	Team Project	24			24			7	Grade
3	Computer systems and networks design	24			24			7	Grade
4	Monographic C	36	24				12	5	Grade
5	Diploma thesis							9	Grade
Overall hours/ECTS credits			24	0	48	0	36	30	
Overall hours :		108	108						

Overall hours – 1704

Major: Information technology

Specialization: Computer system and networks

Full time

Recruitment: 2007

Year I

Lp.	Course name	Hours	Semester 1					Credits	Semester 2					Credits	Form of credit	
			l	c	l	p	s	ECTS	l	c	l	p	s	ECTS		
Subjects of general education																
1	Humanistic subject to choose	60	30					2	30					2	Grade	
Basic subjects																
2	Mathematical analysis and linear algebra	60	30	30				5							Exam	
3	Physics for engineers	60	30		30			5							Grade	
4	Introduction to technique	30	30					5							Grade	
5	Discrete mathematics	60							30	30				5	Exam	
6	Electronics and metrology - basic principles	60							30	30				6	Exam	
Field subjects																
7	Fundamentals of law in informatics	45	30	15				2							Grade	
8	Law aspects of IT market	45							30	15				2	Grade	
9	Introduction to Computer Engineering	60	30	30				5							Exam	
10	Fundamentals of programming I	60	30		30			6							Grade	
11	Fundamentals of programming II	60							30		30			6	Grade	
12	Algorithms and data structures	60							30		30			6	Exam	
13	Fundamentals of computer graphics	30							15		15			3	Grade	
Overall hours/ECTS credits			210	75	60	0	0	30	195	75	75	0	0	30		
Overall hours in semester (year)		690	345						345							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology

Specialization: Computer system and networks

Full time

Recruitment: 2007

Year II

Lp.	Course name	Hours	Semester 3					Credits ECTS	Semester 4					Credits ECTS	Form of credit	
			l	c	l	p	s		l	c	l	p	s			
Subjects of general education																
1	Physical education	60			30				1		30				1	Grade
2	English	60			30				1		30				1	Grade
Basic subjects																
3	Fundamentals of probabilistic and statistics methods	60		30	30				6							Exam
4	Fundamentals of information theory	30								30					2	Grade
Field subjects																
5	Object-oriented design and programming	90		30		30			5	15		15			3	Grade
6	Computer Networks	90		30		30			5	30					3	Grade, Exam
7	Databases	60		30		30			5							Exam
8	Computer architecture	60		30		30			5							Exam
9	Operating Systems	60								30		30			5	Exam
10	Practice	200													2	Grade
Subjects for speciality																
11	Designing of the database systems	60								30			30		5	Exam
12	Visual programming	45								15		30			4	Grade
13	System Techniques Basics	60		30					2			30			2	Grade
14	Computer management systems	30								30					2	Grade
Overall hours/ECTS credits			180	90	120	0	0		30	180	60	105	30	0	30	
Overall hours in semester (year) without practice		765	390								375					

Major: Information technology

Specialization: Computer system and networks

Full time

Recruitment: 2007

Year III

Lp.	Course name	Hours	Semester 5					Credits ECTS	Semester 6					Credits ECTS	Form of credit	
			l	c	l	p	s		l	c	l	p	s			
Subjects of general education																
1	English	60		30				1		30				2	G, E	
Field subjects																
2	Designing and implementing information systems	60	30					2					30	2	Grade	
3	Microprocessor techniques and embeded systems	45	30		15			3							Grade	
4	Security of information systems	60							30			15	15	4	Exam	
5	Methods of artificial intelligence	90	30		30			4					30	2	E, G	
6	Practice	200												2	Grade	
Subjects for speciality																
7	Mobile systems	45	15			30		3							Grade	
8	UNIX administration	30			30			2							Grade	
9	Administration of Windows 2003	30									30			2	Grade	
10	Selected Aspects of Computer Networks	60	30				30	6							Exam	
11	Foundation of Computer Simulation	60							30		30			5	Exam	
12	Diploma seminar	45					15	2					30	2	Grade	
13	Monographic A	60	30				30	5							Grade	
14	Monographic B	60							30				30	5	Grade	
15	Diploma thesis							2						4	Grade	
Overall hours/ECTS credits			165	30	75	30	75	30	90	30	60	15	135	30		
Overall hours in semester (year) without practice		705	375							330						

Year IV

Lp.	Course name	Hours	Semester 7					ECTS	Form of credit
			l	c	l	p	s		
Subjects for speciality									
1	Diploma seminar	30					30	2	Grade
2	Team Project	30			30			7	Grade
3	Computer systems and networks design	30			30			7	Grade
4	Monographic C	60	30				30	5	Grade
5	Diploma thesis							9	Grade
Overall hours/ECTS credits			30	0	60	0	60	30	
Overall hours :		150	150						

Overall hours – 2310

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2007

Non-stationary

Year I

No.	Course name	Hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	Grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	36	24				5							Exam
3	Physics for engineers	48	24		24			5							Grade
4	Introduction to technique	24	24					5							Grade
5	Discrete mathematics	60							36	24				5	Exam
6	Electronics and metrology - basic principles	48							24	24				6	Exam
Field subjects															
7	Fundamentals of law in informatics	24	12	12				2							Grade
8	Law aspects of IT market	24							12	12				2	Grade
9	Introduction to Computer Engineering	24	12	12				5							Exam
10	Fundamentals of programming I	48	24		24			6							Grade
11	Fundamentals of programming II	48							24		24			6	Grade
12	Algorithms and data structures	24							12		12			6	Exam
13	Fundamentals of computer graphics	24							12		12			3	Grade
Overall hours/ECTS credits			162	48	48	0	0	30	150	60	48	0	0	30	
Overall hours in semester (year)		516	258						258						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2007

Non-stationary

Year II

Lp.	Course name	Hours	Semester 3					ECTS	Semester 4					ECTS	Form of Credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English	60		30				1		30				1	Grade
Basic subjects															
3	Fundamentals of probabilistic and statistics methods	60	36	24				6							Exam
4	Fundamentals of information theory	12							12					2	Grade
Field subjects															
5	Object-oriented design and programming	48	12		12			5	12		12			3	Grade
6	Computer Networks	60	12		24			5	24					4	Grade, Exam
7	Databases	36	24		12			6							Exam
8	Computer architecture	36	24		12			5							Exam
9	Operating Systems	36							24		12			5	Exam
10	Practice	200												2	Grade
Subjects for speciality															
11	Designing of the database systems	36							24			12		5	Exam
12	Visual programming	24							12		12			4	Grade
13	System Techniques Basics	36	24					2			12			2	Grade
14	Computer management systems	12							12					2	Grade
Overall hours/ECTS credits			132	84	60	0	0	31	120	60	48	12	0	31	
Overall hours in semester (year) without practice		516	276						240						

Major: Information technology

Specialization: Computer system and networks

Non-stationary

Recruitment: 2007

Year III

Lp.	Course name	Hours	Semester 5					Credits	Semester 6					Credits	Exam/	
			l	c	l	p	s									
Subjects of general education																
1	English	60		30				1		30				2	G, E	
Field subjects																
2	Designing and implementing information systems	36	12					2					24	2	Grade	
3	Microprocessor techniques and embeded systems	24	12		12			3							Grade	
4	Security of information systems	36							12			12	12	5	Exam	
5	Methods of artificial intelligence	48	12		12			4					24	2	E, G	
6	Practice	200												2	Grade	
Subjects for speciality																
7	Mobile systems	24	12			12		3							Grade	
8	UNIX administration	24			24			2							Grade	
9	Administration of Windows 2003	24									24			2	Grade	
10	Selected Aspects of Computer Networks	48	24				24	6							Exam	
11	Foundation of Computer Simulation	48							24		24			5	Exam	
12	Diploma seminar	36					12	2					24	2	Grade	
13	Monographic A	36	24				12	5							Grade	
14	Monographic B	36							24				12	5	Grade	
15	Diploma thesis							2						4	Grade	
Overall hours/ECTS credits			96	30	48	12	48	30	60	30	48	12	96	31		
Overall hours in semester (year) without practice		480	234						246							

Year IV

Year IV									
Lp.	Course name	Hours	Semester 7					Credits ECTS	Exam/ Grade
			l	c	l	p	s		
Subjects for speciality									
1	Diploma seminar	24					24	2	Grade
2	Team Project	24			24			7	Grade
3	Computer systems and networks design	24			24			7	Grade
4	Monographic C	36	24				12	5	Grade
5	Diploma thesis							9	Grade
Overall hours/ECTS credits			24	0	48	0	36	30	
Overall hours :		108	108						

Overall hours – 1704

Major: Information technology

Specialization: Computer system and networks

Full time

Recruitment: 2006

Year I

Lp.	Course name	Hours	Semester 1						ECTS	Semester 2						ECTS	Form of credit
			l	c	l	p	s	l		c	l	p	s				
Subjects of general education																	
1	Regional history	30							30						1	Grade	
2	English	30								30					1	Grade	
Basic subjects																	
3	Mathematics I	60	30	30				6								Exam	
4	Economics	30	30					2								Grade	
5	Physics for engineers	60	30		30			5								Grade	
6	Introduction to technique	30	30					5								Grade	
7	Mathematics II	75							45	30					7	Exam	
8	Fundamentals of organization and management	30							30						1	Grade	
Field subjects																	
9	Introduction to Computer Engineering	60	30	30				6								Exam	
10	Languages and methods of programming I	60	30		30			6								Grade	
11	Languages and methods of programming II	60							30		30				7	Grade	
12	Electronics and metrology - basic principles	60							30	30					6	Exam	
13	Algorithms and data structures	45							30		15				5	Exam	
14	Practice	5 tyg.													2	Grade	
Overall hours/ECTS credits			180	60	60	0	0	30	195	90	45	0	0	30			
Overall hours in semester (year)		630	300							330							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2006

Full time

Year II

Lp.	Course name	Hours	Semester 3						Semester 4						Form of
			l	c	l	p	s	EXTS	l	c	l	p	s	ECTS	credit
<i>Subjects of general education</i>															
1	English	60		30				1		30				1	Grade
2	Law aspects of IT market	45							30	15				1	Grade
3	Physical education	60		30				1		30				1	Grade
<i>Basic subjects</i>															
4	Fundamentals of probabilistic methods	60	30	30				6							Exam (3)
5	Fundamentals of information theory	30							30					2	Grade
6	Fundamentals of law in informatics	45	30	15				1							Grade
<i>Field subjects</i>															
7	Object-oriented design and programming	105	30		30			5	15			30		4	Grade
8	Computer Networks	90	30					3	30		30			5	Exam (4)
9	Databases	60	30					4			30			3	Exam (3)
10	Computer architecture	30	30					3							Exam (3)
11	Operating Systems	30							30					3	Exam(4)
12	Practice	5 tyg.												2	Grade
<i>Subjects for speciality</i>															
13	Computer architecture	30			30			3							Grade
14	System Techniques Basics	60	30					3			30			3	Grade
15	Computer management systems	30							30					3	Grade
16	Operating Systems	30								30				2	Grade
Overall hours/ECTS credits			210	105	60	0	0	30	165	75	90	60	0	30	
Overall hours in semester (year)		765	375						390						

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2006

Full time

Year III

Lp.	Course name	Hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English	30		30				1							Exam
Basic subjects															
2	Methods of artificial intelligence	90	30		30			4					30	2	Exam (5)
3	Social communication	30	30					1							Grade
Field subjects															
4	Designing and implementing information systems	60	30					2					30	2	Grade
5	UNIX administration	30			30			2							Grade
6	Windows administratinn	30									30			2	Grade
7	Diploma seminar	45					15	2					30	2	Grade
8	Practice	5 weeks												2	Grade
Subjects for speciality															
9	Designing of the database systems	60	30			30		6							Exam (5)
10	Selected Aspects of Computer Networks	60	30				30	5							Grade
11	Monographic A	60	30				30*)	5							Grade
12	Coding and Cryptography	30							30					3	Exam (6)
13	Novell Netware Administration	30									30			2	Grade
14	Foundation of Computer Simulation	60							30		30			6	Exam (6)
15	Diploma thesis	90				30		2				60		4	Grade
16	Monographic B	60							30				30	5	Grade
Overall hours/ECTS credits			180	30	60	60	75	30	90	0	90	60	120	30	
Overall hours in semester (year)		765	405						360						

Year IV

Lp.	Course name	Hours	Semester 7					Credits	Exam/
			l	c	l	p	s	ECTS	Grade
Field subjects									
1	Diploma seminar	30					30	2	Grade
2	Team Project	30				30		3	Grade
Subjects for speciality									
3	Computer systems and networks design	30				30		3	Grade
4	Monographic C	60	30				30*)	6	Grade
5	Diploma thesis	210				210		16	Grade
Overall hours/ECTS credits			30	0	0	270	60	30	
Overall hours :		360	360						

Overall hours – 2520

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2006

Non-stationary

Year I

Lp.	Course name	Hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit	
			l	c	l	p	s		l	c	l	p	s			
Subjects of general education																
1	Regional history	24							24					1	Grade	
2	English	24								24				1	Grade	
Basic subjects																
3	Mathematics I	60	36	24				6							Exam	
4	Economics	24	24					2							Grade	
5	Physics for engineers	60	36		24			5							Grade	
6	Introduction to technique	18	18					5							Grade	
7	Mathematics II	60							36	24				7	Exam	
8	Fundamentals of organization and management	18							18					1	Grade	
Field subjects																
9	Introduction to Computer Engineering	24	12	12				6							Exam	
10	Languages and methods of programming I	48	24		24			6							Grade	
11	Languages and methods of programming II	48							24		24			7	Grade	
12	Electronics and metrology - basic principles	60							36	24				6	Exam	
13	Algorithms and data structures	48							24		24			5	Exam	
14	Practice	5 tyg.												2	Grade	
Overall hours/ECTS credits			150	36	48	0	0	30	162	72	48	0	0	30		
Overall hours in semester (year)		516	234						282							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2006

Non-stationary

Year II

Lp.	Course name	Hours	Semester 3					Credits ECTS	Semester 4					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English	48		24				1		24				1	Grade
2	Law aspects of IT market	27							18	9				1	Grade
3	Physical education (fakultatywne)	60		30				1		30				1	Grade
Basic subjects															
4	Fundamentals of probabilistic methods	60	36	24				6							Exam (3)
5	Fundamentals of information theory	24							24					2	Grade
6	Fundamentals of law in informatics	27	18	9				1							Grade
Field subjects															
7	Object-oriented design and programming	60	12		12			5	12			24		4	Grade
8	Computer Networks	60	12					3	24		24			5	Exam (4)
9	Databases	48	24					4			24			3	Exam (3)
10	Computer architecture	24	24					3							Exam(3)
11	Operating Systems	24							24					3	Exam(4)
12	Practice	5 tyg.												2	Grade
Subjects for speciality															
13	Computer architecture	12			12			3							Grade
14	System Techniques Basics	24	12					3				12		3	Grade
15	Computer management systems	12							12					3	Grade
16	Operating Systems	12									12			2	Grade
Overall hours/ECTS credits			138	87	24	0	0	30	114	63	60	36	0	30	
Overall hours in semester (year)		522	249						273						

Major: Information technology

Specialization: Computer system and networks

Recruitment: 2006

Non-stationary

Year III

Lp.	Course name	Hours	Semester 5					ECTS	Semester 6					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English	48		24				1		24				1	Exam(6)
Basic subjects															
2	Methods of artificial intelligence	36	12		12			4					12	2	Exam(5)
3	Social communication	18	18					1							Grade
Field subjects															
4	Designing and implementing information systems	36	24					2					12	2	Grade
5	UNIX administration	24			24			2							Grade
6	Windows administratinn	24									24			2	Grade
7	Diploma seminar	36					12	2					24	2	Grade
8	Practice	5 tyg.												2	Grade
Subjects for speciality															
9	Designing of the database systems	36	12			24		6							Exam(5)
10	Selected Aspects of Computer Networks	36	12				24	5							Grade
10	Monographic A	36	24				12*)	5							Grade
11	Coding and Cryptography	12							12					3	Exam(6)
12	Novell Netware Administration	24									24			2	Grade
13	Foundation of Computer Simulation	24							12		12			4	Exam(6)
14	Diploma thesis	72				24		2				48		5	Grade
15	Monographic B	36							24				12*)	5	Grade
Overall hours/ECTS credits			102	24	36	48	48	30	48	24	60	48	60	30	
Overall hours in semester (year)		498	258						240						

Year IV

Year IV									
Lp.	Course name	Hours	Semester 7					ECTS	Form of credit
			l	c	l	p	s		
Field subjects									
1	Diploma seminar	24					24	2	Grade
2	Team Project	48				48		3	Grade
Subjects for speciality									
3	Computer systems and networks design	24				24		3	Grade
4	Monographic C	36	24				12*)	6	Grade
5	Diploma thesis	168				168		16	Grade
Overall hours/ECTS credits			24	0	0	240	36	30	
Overall hours :		300	300						

Overall hours – 1836

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2009

Full time

Year I

Lp.	Course name	Hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			w	c	l	p	s		w	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	Grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	30	30				5							Exam
3	Physics for engineers	60	30		30			5							Grade
4	Introduction to technique	30	30					5							Grade
5	Discrete mathematics	60							30	30				5	Exam
6	Electronics and metrology - basic principles	60							30	30				6	Exam
Main subjects															
7	Fundamentals of law in informatics	45	30	15				2							Grade
8	Law aspects of IT market	45							30	15				2	Grade
9	Introduction to Computer Engineering	60	30	30				5							Exam
10	Fundamentals of programming I	60	30		30			6							Grade
11	Fundamentals of programming II	60							30		30			6	Grade
12	Algorithms and data structures	60							30		30			6	Exam
13	Fundamentals of computer graphics	30							15		15			3	Grade
Overall hours/ECTS credits			210	75	60	0	0	30	195	75	75	0	0	30	
Overall hours in semester (year)		690	345						345						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2009

Full time

Year II

Lp.	Course name	Hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			w	c	l	p	s		w	c	l	p	s		
Subjects of general education															
1	Physical education	60		30				1		30				1	Grade
2	English language	60		30				1		30				1	Grade
Basic subjects															
3	Fundamentals of probabilistic and statistics methods	60	30	30				6							Exam
4	Fundamentals of information theory	30	30					2							Grade
Main subjects															
5	Object-oriented design and programming	90	30		30			5	15		15			4	Grade
6	Computer Networks	90	30		30			5	30					4	G, E.
7	Databases	60	30		30			5							Exam
8	Computer architecture	60	30		30			5							Exam
9	Operating Systems	60							30		30			5	Exam
10	Practice	200												0	Grade
Subjects for speciality															
11	Multimedia presentations	30							15			15		2	Grade
12	Visual programming	45							15		30			4	Grade
13	Advanced methods of computer graphics	60							30		30			6	Exam
14	Fundamentals of plastic compositions	60							15	30	15			3	Grade
Overall hours/ECTS credits			180	90	120	0	0	30	150	90	120	15	0	30	
Overall hours in semester (year)		765	390						375						

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2009

Full time

Year III

Lp.	Course name	Hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit
			w	c	l	p	s		w	c	l	p	s		
Subjects of general education															
1	English language	60		30				1		30				2	G, E.
Main subjects															
2	Designing and implementing information systems	60	30					2					30	2	Grade
3	Microprocessor techniques and embeded systems	45	30		15			3							Grade
4	Security of information systems	75							30			15	30	5	Exam
5	Methods of artificial intelligence	90	30		30			4					30	3	E, G
6	Practice	200													Grade
Subjects for speciality															
7	Advanced methods of computer graphics	30		30				2							Grade
8	Mobile systems	45	15			30		2							Grade
9	Graphics programs and DTP	105	30		30			5	15		30			2	E, G
10	Digital assembly of multimedia files	30			30			2							Grade
11	Technical drawing and AUTO-CAD	75							30	15	30			5	Exam
12	Diploma seminar	45					15	2					30	2	Grade
13	Monographic A	60	30				30	5							Grade
14	Monographic B	60							30				30	5	Grade
15	Diploma thesis							2						4	Grade
Overall hours/ECTS credits			165	60	105	30	45	30	105	45	60	15	150	30	
Overall hours in semester (year)		780	405						375						

Year IV

Year IV									
Lp.	Course name	Hours	Semestr 7						Form of credit
			w	c	l	p	s	ECTS	
Subjects for speciality									
1	Diploma seminar	30					30	2	Grade
2	Team Project	30			30			7	Grade
3	Design of graphics applications	30			30			7	Grade
4	Monographic C	60	30				30	5	Grade
5	Diploma thesis							9	Grade
Overall hours/ECTS credits			30	0	60	0	60	30	
Overall hours in semester		150	150						

Overall hours – 2325

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2009

Non-stationary

Year I

Lp.	Course name	Hours	Semester 1					ECTS	Semester 2					ECTS	Form of
			w	c	l	p	s		w	c	l	p	s		credit
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	36	24				5							exam
3	Physics for engineers	48	24		24			5							grade
4	Introduction to technique	24	24					5							grade
5	Discrete mathematics	60							36	24				5	exam
6	Electronics and metrology - basic principles	48							24	24				6	exam
Main subjects															
7	Fundamentals of law in informatics	24	12	12				2							grade
8	Law aspects of IT market	24							12	12				2	grade
9	Introduction to Computer Engineering	24	12	12				5							exam
10	Fundamentals of programming I	48	24		24			6							grade
11	Fundamentals of programming II	48							24		24			6	grade
12	Algorithms and data structures	48							24		24			6	exam
13	Fundamentals of computer graphics	24							12		12			3	grade
Overall hours/ECTS credits			162	48	48	0	0	30	162	60	60	0	0	30	
Overall hours in semester (year)		540	258						282						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology
Specialization: Computer graphics
Recruitment: 2009

Non-stationary

Year II

Lp.	Course name	Hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			w	c	l	p	s		w	c	l	p	s		
Subjects of general education															
1	English language	60		30				1		30				1	grade
Basic subjects															
2	Fundamentals of probabilistic and statistics methods	60	36	24				6							exam
3	Fundamentals of information theory	12	12					2							grade
Main subjects															
4	Object-oriented design and programming	48	12		12			5	12		12			4	grade
5	Computer Networks	60	12		24			5	24					5	G, E
6	Databases	36	24		12			6							exam
7	Computer architecture	48	24		24			5							exam
8	Operating Systems	48							24		24			5	exam
10	Practice	200												0	grade
Subjects for speciality															
11	Multimedia presentations	36							24			12		2	grade
12	Visual programming	24							12		12			4	grade
13	Advanced methods of computer graphics	36							24		12			6	exam
14	Fundamentals of plastic compositions	36							12	12	12			3	grade
Overall hours/ECTS credits			120	54	72	0	0	30	132	42	72	12	0	30	
Overall hours in semester (year)		504	246						258						

Major: Information technology
Specialization: Computer graphics
Recruitment: 2009

Non-stationary

Year III

Lp.	Course name	Hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit
			w	c	l	p	s		w	c	l	p	s		
Subjects of general education															
1	English language	60		30				1		30				2	G,E
Main subjects															
2	Designing and implementing information systems	48	24					2					24	2	grade
3	Microprocessor techniques and embeded systems	24	12		12			3							grade
4	Security of information systems	60							24			12	24	6	exam
5	Methods of artificial intelligence	48	12		12			4					24	3	E, G
6	Practice	200													grade
Subjects for speciality															
7	Advanced methods of computer graphics	24		24				2							grade
8	Mobile systems	24	12			12		2							grade
9	Graphics programs and DTP	72	24		12			5	12		24			2	E, G
10	Digital assembly of multimedia files	12			12			2							grade
11	Technical drawing and AUTO-CAD	48							24	12	12			4	exam
12	Diploma seminar	36					12	2					24	2	grade
13	Monographic A	36	24				12	5							grade
14	Monographic B	36							24				12	5	grade
15	Diploma thesis							2						4	grade
Overall hours/ECTS credits			108	54	48	12	24	30	84	42	36	12	108	30	
Overall hours in semester (year)		528	246						282						

Year IV

Year IV									
Lp.	Course name	Hours	Semester 7					ECTS	Form of credit
			w	c	l	p	s		
Subjects for speciality									
1	Diploma seminar	24					24	2	grade
2	Team Project	24			24			7	grade
3	Design of graphics applications	24			24			7	grade
4	Monographic C	36	24				12	5	grade
5	Diploma thesis							9	grade
Overall hours/ECTS credits			24	0	48	0	36	30	
Overall hours in semester		108	108						

Overall hours – 1680

Major: Information technology
Specialization: Computer graphics
Recruitment: 2008

Full time

Year I

Lp.	Course name	Hours	Semester 1					Credits ECTS	Semester 2					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	Grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	30	30				5							Exam
3	Physics for engineers	60	30		30			5							Grade
4	Introduction to technique	30	30					5							Grade
5	Discrete mathematics	60							30	30				5	Exam
6	Electronics and metrology - basic principles	60							30	30				6	Exam
Field subjects															
7	Fundamentals of law in informatics	45	30	15				2							Grade
8	Law aspects of IT market	45							30	15				2	Grade
9	Introduction to Computer Engineering	60	30	30				5							Exam
10	Fundamentals of programming I	60	30		30			6							Grade
11	Fundamentals of programming II	60							30		30			6	Grade
12	Algorithms and data structures	60							30		30			6	Exam
13	Fundamentals of computer graphics	30							15		15			3	Grade
Overall hours/ECTS credits			210	75	60	0	0	30	195	75	75	0	0	30	
Overall hours in semester (year)		690	345						345						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2008

Full time

Year II

Lp.	Course name	Hours	Semester 3					Credits ECTS	Semester 4					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Physical education	60		30				1		30				1	Grade
2	English	60		30				1		30				1	Grade
Basic subjects															
3	Fundamentals of probabilistic and statistics methods	60	30	30				6							Exam
4	Fundamentals of information theory	30							30					2	Grade
Field subjects															
5	Object-oriented design and programming	90	30		30			5	15		15			3	Grade
6	Computer Networks	90	30		30			5	30					3	G, E
7	Databases	60	30		30			5							Exam
8	Computer architecture	60	30		30			5							Exam
9	Operating Systems	60							30		30			5	Exam
10	Practice	200												2	Grade
Subjects for speciality															
11	Multimedia presentations	30	15		0	15		2							Grade
12	Visual programming	45							15		30			4	Grade
13	Advanced methods of computer graphics	60							30		30			6	Exam
14	Fundamentals of plastic compositions	60							15	30	15			3	Grade
Overall hours/ECTS credits			165	90	120	15	0	30	165	90	120	0	0	30	
Overall hours in semester (year) without practice		765	390						375						

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2008

Full time

Year III

Lp.	Course name	Hours	Semester 5					Credits ECTS	Semester 6					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English	60		30				1		30				2	G, E
Field subjects															
2	Designing and implementing information systems	60	30					2					30	2	Grade
3	Microprocessor techniques and embeded systems	45	30		15			3							Grade
4	Security of information systems	60							30			15	15	4	Exam
5	Methods of artificial intelligence	90	30		30			4					30	2	E,G
6	Practice	200												2	Grade
Subjects for speciality															
7	Advanced methods of computer graphics	30		30				3							Grade
8	Mobile systems	45	15			30		3							Grade
9	Graphics programs and DTP	105	30		30			5	15		30			4	E, G
10	Digital assembly of multimedia files	30			30			2							Grade
11	Technical drawing and AUTO-CAD	75							30	15	30			5	Exam
12	Monographic A	60	30				30	5							Grade
13	Monographic B	60							30				30	5	Grade
14	Diploma thesis							2						4	Grade
Overall hours/ECTS credits			165	60	105	30	30	30	105	45	60	15	105	30	
Overall hours in semester (year) without practice		720	390						330						

Year IV

Year IV									
Lp.	Course name	Hours	Semester 7					Credits	Form of
			l	c	l	p	s	ECTS	credit
Subjects for speciality									
1	Diploma seminar	30					30	2	Grade
2	Team Project	30			30			7	Grade
3	Design of graphics applications	30			30			7	Grade
4	Monographic C	60	30				30	5	Grade
5	Diploma thesis							9	Grade
Overall hours/ECTS credits			30	0	60	0	60	30	
Overall hours :		150	150						

Overall hours – 2325

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2008

Non-stationary

Year I

No.	Course name	Hours	Semester 1					Credits ECTS	Semester 2					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	Grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	36	24				5							Exam
3	Physics for engineers	48	24		24			5							Grade
4	Introduction to technique	24	24					5							Grade
5	Discrete mathematics	60							36	24				5	Exam
6	Electronics and metrology - basic principles	48							24	24				6	Exam
Field subjects															
7	Fundamentals of law in informatics	24	12	12				2							Grade
8	Law aspects of IT market	24							12	12				2	Grade
9	Introduction to Computer Engineering	24	12	12				5							Exam
10	Fundamentals of programming I	48	24		24			6							Grade
11	Fundamentals of programming II	48							24		24			6	Grade
12	Algorithms and data structures	24							12		12			6	Exam
13	Fundamentals of computer graphics	24							12		12			3	Grade
Overall hours/ECTS credits			162	48	48	0	0	30	150	60	48	0	0	30	
Overall hours in semester (year)		516	258						258						

Industrial Safety – I semester 4h
 Library training - I semester 4h

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2008

Non-stationary

Year II

Lp.	Course name	Hours	Semester 3					Credits	Semester 4					Credits	Form of credit
			l	c	l	p	s	ECTS	l	c	l	p	s	ECTS	
Subjects of general education															
1	English	60		30				1		30				1	Grade
Basic subjects															
2	Fundamentals of probabilistic and statistics methods	60	36	24				6							Exam
3	Fundamentals of information theory	12							12					2	Grade
Field subjects															
4	Object-oriented design and programming	48	12		12			5	12		12			3	Grade
5	Computer Networks	60	12		24			5	24					4	G, E
6	Databases	36	24		12			6							Exam
7	Computer architecture	36	24		12			5							Exam
8	Operating Systems	36							24		12			5	Exam
10	Practice	200												2	Grade
Subjects for speciality															
11	Multimedia presentations	36	24			12		2							Grade
12	Visual programming	24							12		12			4	Grade
13	Advanced methods of computer graphics	36							24		12			6	Exam
14	Fundamentals of plastic compositions	36							12	12	12			3	Grade
Overall hours/ECTS credits			132	54	60	12	0	30	120	42	60	0	0	30	
Overall hours in semester (year) without practice		480	258						222						

Major: Information technology
Specialization: Computer graphics
Recruitment: 2008

Non-stationary

Year III

Lp.	Course name	Hours	Semester 5					Credits ECTS	Semester 6					Credits ECTS	Form of credit	
			l	c	l	p	s		l	c	l	p	s			
Subjects of general education																
1	English	60		30				1		30				2	G, E	
Field subjects																
2	Designing and implementing information systems	36	12					2					24	2	Grade	
3	Microprocessor techniques and embeded systems	24	12		12			3							Grade	
4	Security of information systems	36							12			12	12	5	Exam	
5	Methods of artificial intelligence	48	12		12			4					24	2	E, G	
6	Practice	200												2	Grade	
Subjects for speciality																
7	Advanced methods of computer graphics	24		24				3							Grade	
8	Mobile systems	24	12			12		3							Grade	
9	Graphics programs and DTP	72	24		12			5	12		24			4	E, G	
10	Digital assembly of multimedia files	12			12			2							Grade	
11	Technical drawing and AUTO-CAD	48							24	12	12			5	Exam	
12	Monographic A	36	24				12	5							Grade	
13	Monographic B	36							24				12	5	Grade	
14	Diploma thesis							2						4	Grade	
Overall hours/ECTS credits			96	54	48	12	12	30	72	42	36	12	72	31		
Overall hours in semester (year) without practice		456	222						234							

Year IV

Year IV									
Lp.	Course name	Hours	Semester 7					Credits	Form of
			w	c	l	p	s	ECTS	credit
Subjects for speciality									
1	Diploma seminar	24					24	2	Grade
2	Team Project	24			24			7	Grade
3	Design of graphics applications	24			24			7	Grade
4	Monographic C	36	24				12	5	Grade
5	Diploma thesis							9	Grade
Overall hours/ECTS credits			24	0	48	0	36	30	
Overall hours :		108	108						

Overall hours – 1704

Major: Information technology
Specialization: Computer graphics
Recruitment: 2007

Full time

Year I

Lp.	Course name	Hours	Semester 1					Credits ECTS	Semester 2					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	Grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	30	30				5							Exam
3	Physics for engineers	60	30		30			5							Grade
4	Introduction to technique	30	30					5							Grade
5	Discrete mathematics	60							30	30				5	Exam
6	Electronics and metrology - basic principles	60							30	30				6	Exam
Field subjects															
7	Fundamentals of law in informatics	45	30	15				2							Grade
8	Law aspects of IT market	45							30	15				2	Grade
9	Introduction to Computer Engineering	60	30	30				5							Exam
10	Fundamentals of programming I	60	30		30			6							Grade
11	Fundamentals of programming II	60							30		30			6	Grade
12	Algorithms and data structures	60							30		30			6	Exam
13	Fundamentals of computer graphics	30							15		15			3	Grade
Overall hours/ECTS credits			210	75	60	0	0	30	195	75	75	0	0	30	
Overall hours in semester (year)		690	345						345						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2007

Full time

Year II

Lp.	Course name	Hours	Semester 3					Credits ECTS	Semester 4					Credits ECTS	Form of credit	
			l	c	l	p	s		l	c	l	p	s			
Subjects of general education																
1	Physical education	60			30				1		30				1	Grade
2	English	60			30				1		30				1	Grade
Basic subjects																
3	Fundamentals of probabilistic and statistics methods	60	30	30					6							Exam
4	Fundamentals of information theory	30								30					2	Grade
Field subjects																
5	Object-oriented design and programming	90	30		30				5	15		15			3	Grade
6	Computer Networks	90	30		30				5	30					3	G, E
7	Databases	60	30		30				5							Exam
8	Computer architecture	60	30		30				5							Exam
9	Operating Systems	60								30		30			5	Exam
10	Practice	200													2	Grade
Subjects for speciality																
11	Multimedia presentations	30	15		0	15			2							Grade
12	Visual programming	45								15		30			4	Grade
13	Advanced methods of computer graphics	60								30		30			6	Exam
14	Fundamentals of plastic compositions	60								15	30	15			3	Grade
Overall hours/ECTS credits			165	90	120	15	0		30	165	90	120	0	0	30	
Overall hours in semester (year) without practice		765	390							375						

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2007

Full time

Year III

Lp.	Course name	Hours	Semester 5					Credits ECTS	Semester 6					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English	60		30				1		30				2	G,E
Field subjects															
2	Designing and implementing information systems	60	30					2					30	2	Grade
3	Microprocessor techniques and embeded systems	45	30		15			3							Grade
4	Security of information systems	60							30			15	15	4	Exam
5	Methods of artificial intelligence	90	30		30			4					30	2	E, G
6	Practice	200												2	Grade
Subjects for speciality															
7	Advanced methods of computer graphics	30		30				3							Grade
8	Mobile systems	45	15			30		3							Grade
9	Graphics programs and DTP	105	30		30			5	15		30			4	E, G
10	Digital assembly of multimedia files	30			30			2							Grade
11	Technical drawing and AUTO-CAD	75							30	15	30			5	Exam
12	Monographic A	60	30				30	5							Grade
13	Monographic B	60							30				30	5	Grade
14	Diploma thesis							2						4	Grade
Overall hours/ECTS credits			165	60	105	30	30	30	105	45	60	15	105	30	
Overall hours in semester (year) without practice		720	390						330						

Year IV

Year IV									
Lp.	Nazwa przedmiotu	Hours	Semester 7					Credits ECTS	Form of credit
			l	c	l	p	s		
Przedmioty specjalnościowe									
1	Diploma seminar	30					30	2	Grade
2	Team Project	30			30			7	Grade
3	Design of graphics applications	30			30			7	Grade
4	Monographic C	60	30				30	5	Grade
5	Diploma thesis							9	Grade
Overall hours/ECTS credits			30	0	60	0	60	30	
Overall hours :		150	150						

Overall hours – 2325

Major: Information technology
Specialization: Computer graphics
Recruitment: 2007

Non-stationary

Year I

Lp.	Course name	Hours	Semester 1					Credits ECTS	Semester 2					Credits ECTS	Form of credit	
			l	c	l	p	s		l	c	l	p	s			
Subjects of general education																
1	Humanistic subject to choose	60	30					2	30					2	Grade	
Basic subjects																
2	Mathematical analysis and linear algebra	60	36	24				5							Exam	
3	Physics for engineers	48	24		24			5							Grade	
4	Introduction to technique	24	24					5							Grade	
5	Discrete mathematics	60							36	24				5	Exam	
6	Electronics and metrology - basic principles	48							24	24				6	Exam	
Field subjects																
7	Fundamentals of law in informatics	24	12	12				2							Grade	
8	Law aspects of IT market	24							12	12				2	Grade	
9	Introduction to Computer Engineering	24	12	12				5							Exam	
10	Fundamentals of programming I	48	24		24			6							Grade	
11	Fundamentals of programming II	48							24		24			6	Grade	
12	Algorithms and data structures	24							12		12			6	Exam	
13	Fundamentals of computer graphics	24							12		12			3	Grade	
Overall hours/ECTS credits				162	48	48	0	0	30	150	60	48	0	0	30	
Overall hours in semester (year)			516	258						258						

Industrial Safety – I semester 4h
Library training - I semester 4h

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2007

Non-stationary

Year II

Lp.	Course name	Hours	Semester 3					Credits ECTS	Semester 4					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English	60		30				1		30				1	grade
Basic subjects															
2	Fundamentals of probabilistic and statistics methods	60	36	24				6							Exam
3	Fundamentals of information theory	12							12					2	Grade
Field subjects															
4	Object-oriented design and programming	48	12		12			5	12		12			3	Grade
5	Computer Networks	60	12		24			5	24					4	G, E
6	Databases	36	24		12			6							Exam
7	Computer architecture	36	24		12			5							Exam
8	Operating Systems	36							24		12			5	Exam
10	Practice	200												2	Grade
Subjects for speciality															
11	Multimedia presentations	36	24			12		2							Grade
12	Visual programming	24							12		12			4	Grade
13	Advanced methods of computer graphics	36							24		12			6	Exam
14	Fundamentals of plastic compositions	36							12	12	12			3	Grade
Overall hours/ECTS credits			132	54	60	12	0	30	120	42	60	0	0	30	
Overall hours in semester (year) without practice		480	258						222						

Major: Information technology
Specialization: Computer graphics
Recruitment: 2007

Non-stationary

Year III

Lp.	Course name	Hours	Semester 5					Credits ECTS	Semester 6					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English	60		30				1		30				2	G, E.
Field subjects															
2	Designing and implementing information systems	36	12					2					24	2	grade
3	Techniki mikroprocesorowe i systemy wbudowane	24	12		12			3							grade
4	Security of information systems	36							12			12	12	5	exam
5	Methods of artificial intelligence	48	12		12			4					24	2	G, E
6	Practice	200													grade
Subjects for speciality															
7	Advanced methods of computer graphics	24		24				3							grade
8	Mobile systems	24	12			12		3							grade
9	Graphics programs and DTP	72	24		12			5	12		24			4	G, E
10	Digital assembly of multimedia files	12			12			2							grade
11	Technical drawing and AUTO-CAD	48							24	12	12			6	exam
12	Monographic A	36	24				12	5							grade
13	Monographic B	36							24				12	5	grade
14	Diploma thesis							2						4	grade
Overall hours/ECTS credits			96	54	48	12	12	30	72	42	36	12	72	30	
Overall hours in semester (year) without practice		456	222						234						

Year IV

Lp.	Course name	Hours	Semester 5					Credits ECTS	Form of credit
			l	c	l	p	s		
Subjects for speciality									
1	Diploma seminar	24					24	2	grade
2	Team Project	24			24			7	grade
3	Design of graphics applications	24			24			7	grade
4	Monographic C	36	24				12	5	grade
5	Diploma thesis							9	grade
Overall hours/ECTS credits			24	0	48	0	36	30	
Overall hours :		108	108						

Overall hours – 1704

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2006

Full time

Year I

Lp.	Course name	Hours	Semester 1					Credits ECTS	Semester 2					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Regional history	30							30					1	Grade
2	English	30								30				1	Grade
Basic subjects															
3	Mathematics I	60	30	30				6							Exam
4	Economics	30	30					2							Grade
5	Physics for engineers	60	30		30			5							Grade
6	Introduction to technique	30	30					5							Grade
7	Mathematics II	75							45	30				7	Exam
8	Fundamentals of organization and management	30							30					1	Grade
Field subjects															
9	Introduction to Computer Engineering	60	30	30				6							Exam
10	Languages and methods of programming I	60	30		30			6							Grade
11	Languages and methods of programming II	60							30		30			7	Grade
12	Electronics and metrology - basic principles	60							30	30				6	Exam
13	Algorithms and data structures	45							30		15			5	Exam
14	Practice	5 tyg.												2	Grade
Overall hours/ECTS credits			180	60	60	0	0	30	195	90	45	0	0	30	
Overall hours in semester (year)		630	300						330						

Industrial Safety – I semester 4h
 Library training - I semester 4h

Major: Information technology
 Specialization: Computer graphics
 Recruitment: 2006

Full time

Year II

Lp.	Course name	Hours	Semester 3					Credits	Semester 4					Credits	Form of
			l	c	l	p	s	ECTS	l	c	l	p	s	ECTS	credit
Subjects of general education															
1	English	60		30				1		30				1	Grade
2	Law aspects of IT market	45							30	15				1	Grade
3	Physical education	60		30				1		30				1	Grade
Basic subjects															
4	Fundamentals of probabilistic methods	60	30	30				6							Exam (3)
5	Fundamentals of information theory	30							30					2	Grade
6	Fundamentals of law in informatics	45	30	15				1							Grade
Field subjects															
7	Object-oriented design and programming	105	30		30			5	15			30		4	Grade
8	Computer Networks	90	30					3	30		30			5	Exam (4)
9	Databases	60	30					4			30			3	Exam (3)
10	Computer architecture	30	30					3							Exam (3)
11	Operating Systems	30							30					3	Exam(4)
12	Practice	5 tyg.												2	Grade
Subjects for speciality															
13	Fundamentals of plastic composition	60	15	30		15		6							Grade
14	Fundamentals of computer graphics	60							30		30			5	Exam
15	Multimedia presentations	30							15			15		3	Grade
Overall hours/ECTS credits			195	135	30	15	0	30	180	75	90	45	0	30	
Overall hours in semester (year)		765	375						390						

Major: Information technology
Specialization: Computer graphics
Recruitment: 2006

Full time

Year III

Lp.	Course name	Hours	Semester 5					Credits	Semester 6					Credits	Form of
			l	c	l	p	s	ECTS	l	c	l	p	s	ECTS	Credit
Subjects of general education															
1	English	30		30				1							Exam
Basic subjects															
2	Methods of artificial intelligence	90	30		30			4					30	2	Exam(5)
3	Social communication	30	30					1							Grade
Field subjects															
4	Designing and implementing information systems	60	30					2					30	2	Grade
5	UNIX administration	30			30			2							Grade
6	Windows administrationn	30									30			2	Grade
7	Diploma seminar	45					15	2					30	2	Grade
8	Practice	5 weeks												2	Grade
Subjects for speciality															
9	Advanced methods of computer graphics	45	15		30			5							Exam
10	Graphics programs and DTP	105	30		30			4	15		30			5	Exam(6)
11	Monographic A	60	30				30*)	5							Grade
12	Digital assembly of multimedia files	15			15			2							Grade
13	Technical drawing and AUTO-CAD	75							30	15	30			6	Exam
14	Diploma thesis	90				30		2				60		4	Grade
15	Monographic B	60							30				30*)	5	Grade
Overall hours/ECTS credits			165	30	135	30	45	30	75	15	90	60	120	30	
Overall hours in semester (year)		765	405						360						

Year IV

Year IV									
Lp.	Course name	Hours	Semester 7					credits	Form of credit
			l	c	l	p	s	ECTS	
Field subjects									
1	Diploma seminar	30					30	2	Grade
2	Team Project	30				30		3	Grade
Subjects for speciality									
3	Design of graphics applications	30				30		3	Grade
4	Monographic C	60	30				30*)	6	Grade
5	Diploma thesis	210				210		16	Grade
Overall hours/ECTS credits			30	0	0	270	60	30	
Overall hours :		360	360						

Overall hours – 2520

Major: Information technology
 Specialization: Internet systems
 Recruitment: 2009

Full time

Year I

Lp.	Course name	Hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	Grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	30	30				5							exam
3	Physics for engineers	60	30		30			5							Grade
4	Introduction to technique	30	30					5							Grade
5	Discrete mathematics	60							30	30				5	exam
6	Electronics and metrology - basic principles	60							30	30				6	exam
Main subjects															
7	Fundamentals of law in informatics	45	30	15				2							Grade
8	Law aspects of IT market	45							30	15				2	Grade
9	Introduction to Computer Engineering	60	30	30				5							exam
10	Fundamentals of programming I	60	30		30			6							Grade
11	Fundamentals of programming II	60							30		30			6	Grade
12	Algorithms and data structures	60							30		30			6	exam
13	Fundamentals of computer graphics	30							15		15			3	Grade
Overall hours/ECTS credits			210	75	60	0	0	30	30	195	75	75	0	0	30
Overall hours in semester (year)		690	345						345						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology
 Specialization: Internet systems
 Recruitment: 2009

Full time

Year II

Lp.	Course name	Hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Physical education	60		30				1		30				1	Grade
2	English language	60		30				1		30				1	Grade
Basic subjects															
3	Fundamentals of probabilistic and statistics methods	60	30	30				6							exam
4	Fundamentals of information theory	30	30					2							Grade
Main subjects															
5	Object-oriented design and programming	90	30		30			5	15		15			4	Grade
6	Computer Networks	90	30		30			5	30					4	G, E
7	Databases	60	30		30			5							exam
8	Computer architecture	60	30		30			5							exam
9	Operating Systems	60							30		30			5	exam
10	Practice	200												0	Grade
Subjects for speciality															
11	Hypertext languages	60							30		30			4	exam
12	Visual programming	45							15		30			3	Grade
13	Fundamentals of plastic composition	15							15					2	Grade
14	Internet programming	45							15		30			3	Grade
15	Internet database systems	30							15		15			3	exam
Overall hours/ECTS credits			180	90	120	0	0	30	165	60	150	0	0	30	
Overall hours in semester (year)		765	390						375						

Major: Information technology
Specialization: Internet systems
Recruitment: 2009

Full time

Year III

Lp.	Course name	Hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English language	60		30				1		30				2	G, E
Main subjects															
2	Designing and implementing information systems	60	30					2					30	2	Grade
3	Microprocessor techniques and embeded systems	45	30		15			3							Grade
4	Security of information systems	75							30			15	30	5	Exam
5	Methods of artificial intelligence	90	30		30			4					30	3	E, G
6	Practice	200													Grade
Subjects for speciality															
7	Internet programming	45	15			30		4							Exam
8	Mobile systems	45	15			30		3							Grade
9	UNIX administration	30			30			2							Grade
10	Digital assembly of multimedia files	60	30				30	2							Grade
11	Administration of Windows Server	30									30			2	Grade
12	Data warehouses for e-business	60							30				30	5	Exam
13	Diploma seminar	45					15	2					30	2	Grade
14	Monographic A	60	30				30	5							Grade
15	Monographic B	60							30				30	5	Grade
16	Diploma thesis							2						4	Grade
Overall hours/ECTS credits			180	30	75	60	75	30	90	30	30	15	180	30	
Overall hours in semester (year)		765	420						345						

Year IV

Year IV									
Lp.	Course name	Hours	Semester 7					ECTS	Form of credit
			l	c	l	p	s		
Subjects for speciality									
1	Diploma seminar	30					30	2	Grade
2	Team Project	30			30			7	Grade
3	Desing of internet applications	30			30			7	Grade
4	Monographic C	60	30				30	5	Grade
5	Diploma thesis							9	Grade
Overall hours/ECTS credits			30	0	60	0	60	30	
Overall hours in semester		150	150						

Overall hours – 2370

Major: Information technology
 Specialization: Internet systems
 Recruitment: 2009

Non-stationary

Year I

Lp.	Course name	Hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	36	24				5							exam
3	Physics for engineers	48	24		24			5							grade
4	Introduction to technique	24	24					5							grade
5	Discrete mathematics	60							36	24				5	exam
6	Electronics and metrology - basic principles	48							24	24				6	exam
Main subjects															
7	Fundamentals of law in informatics	24	12	12				2							grade
8	Law aspects of IT market	24							12	12				2	grade
9	Introduction to Computer Engineering	24	12	12				5							exam
10	Fundamentals of programming I	48	24		24			6							grade
11	Fundamentals of programming II	48							24		24			6	grade
12	Algorithms and data structures	48							24		24			6	exam
13	Fundamentals of computer graphics	24							12		12			3	grade
Overall hours/ECTS credits			162	48	48	0	0	30	162	60	60	0	0	30	
Overall hours in semester (year)		540	258						282						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology
 Specialization: Internet systems
 Recruitment: 2009

Non-stationary

Year II

Lp.	Course name	Hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit	
			l	c	l	p	s		l	c	l	p	s			
Subjects of general education																
1	English language	60		30				1		30				1	grade	
Basic subjects																
2	Fundamentals of probabilistic and statistics methods	60	36	24				6							exam	
3	Fundamentals of information theory	12	12					2							grade	
Main subjects																
4	Object-oriented design and programming	48	12		12			5	12		12			4	grade	
5	Computer Networks	60	12		24			5	24					5	G, E	
6	Databases	36	24		12			6							exam	
7	Computer architecture	48	24		24			5							exam	
8	Operating Systems	48							24		24			5	exam	
10	Practice	200												0	grade	
Subjects for speciality																
11	Hypertext languages	36							24		12			4	exam	
12	Visual programming	24							12		12			3	grade	
13	Fundamentals of plastic composition	12							12					2	grade	
14	Internet programming	24							12		12			3	grade	
15	Internet database systems	36							24		12			3	exam	
Overall hours/ECTS credits			120	54	72	0	0	30	144	30	84	0	0	30		
Overall hours in semester (year)		504	246						258							

Major: Information technology
Specialization: Internet systems
Recruitment: 2009

Non-stationary

Year III

Lp.	Course name	Hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English	60		30				1		30				2	G, E
Main subjects															
2	Designing and implementing information systems	48	24					2					24	2	grade
3	Microprocessor techniques and embeded systems	24	12		12			3							grade
4	Security of information systems	60							24			12	24	6	exam
5	Methods of artificial intelligence	48	12		12			4					24	3	E, G
6	Practice	200													grade
Subjects for speciality															
7	Internet programming	36	24			12		4							exam
8	Mobile systems	24	12			12		3							grade
9	UNIX administration	24			24			2							grade
10	Digital assembly of multimedia files	12			12			2							grade
11	Administration of Windows Server	24									24			1	grade
12	Data warehouses for e-business	36							24				12	5	exam
13	Diploma seminar	36					12	2					24	2	grade
14	Monographic A	36	24				12	5							grade
15	Monographic B	36							24				12	5	grade
16	Diploma thesis							2						4	grade
Overall hours/ECTS credits			108	30	60	24	24	30	72	30	24	12	120	30	
Overall hours in semester (year)		504	246						258						

Year IV

Year IV										
Lp.	Course name	Hours	Semester 7					ECTS	Form of credit	
			l	c	l	p	s			
Subjects for speciality										
1	Diploma seminar	24					24	2	grade	
2	Team Project	24			24			7	grade	
3	Desing of internet applications	24			24			7	grade	
4	Monographic C	36	24				12	5	grade	
5	Diploma thesis							9	grade	
Overall hours/ECTS credits			24	0	48	0	36	30		
Overall hours in semester		108	108							

Overall hours – 1656

Major: Information technology
 Specialization: Internet systems
 Recruitment: 2008

Full time

Year I

Lp.	Course name	Hours	Semester 1					Credits ECTS	Semester 2					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	Grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	30	30				5							Exam
3	Physics for engineers	60	30		30			5							Grade
4	Introduction to technique	30	30					5							Grade
5	Discrete mathematics	60							30	30				5	Exam
6	Electronics and metrology - basic principles	60							30	30				6	Exam
Field subjects															
7	Fundamentals of law in informatics	45	30	15				2							Grade
8	Law aspects of IT market	45							30	15				2	Grade
9	Introduction to Computer Engineering	60	30	30				5							Exam
10	Fundamentals of programming I	60	30		30			6							Grade
11	Fundamentals of programming II	60							30		30			6	Grade
12	Algorithms and data structures	60							30		30			6	Exam
13	Fundamentals of computer graphics	30							15		15			3	Grade
Overall hours/ECTS credits			210	75	60	0	0	30	195	75	75	0	0	30	
Overall hours in semester (year)		690	345						345						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology
 Specialization: Internet systems
 Recruitment: 2008

Full time

Year II

Lp.	Course name	Hours	Semester 3					Credits ECTS	Semester 4					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Physical education	60		30				1		30				1	Grade
2	English	60		30				1		30				1	Grade
Basic subjects															
3	Fundamentals of probabilistic and statistics methods	60	30	30				6							Exam
4	Fundamentals of information theory	30							30					2	Grade
Field subjects															
5	Object-oriented design and programming	90	30		30			5	15		15			3	Grade
6	Computer Networks	90	30		30			5	30					3	Grade, Exam
7	Databases	60	30		30			5							Exam
8	Computer architecture	60	30		30			5							Exam
9	Operating Systems	60							30		30			5	Exam
10	Practice	200												2	Grade
Subjects for speciality															
11	Hypertext languages	60	30					2			30			2	Grade
12	Visual programming	45							15		30			3	Grade
13	Fundamentals of plastic composition	15							15					2	Grade
14	Internet programming	45							15		30			3	Grade
15	Internet database systems	30							15		15			3	Exam
Overall hours/ECTS credits			180	90	120	0	0	30	165	60	150	0	0	30	
Overall hours in semester (year) without practice		765	390						375						

Major: Information technology
Specialization: Internet systems
Recruitment: 2008

Full time

Year III

Lp.	Course name	Hours	Semester 5					Credits ECTS	Semester 6					Credits ECYS	Form of credit	
			l	c	l	p	s		l	c	l	p	s			
Subjects of general education																
1	English	60		30				1		30				2	G, E	
Field subjects																
2	Designing and implementing information systems	60	30					2					30	2	Grade	
3	Microprocessor techniques and embeded systems	45	30		15			3							Grade	
4	Security of information systems	60							30			15	15	4	Exam	
5	Methods of artificial intelligence	90	30		30			4					30	2	E, G	
6	Practice	200												2	Grade	
Subjects for speciality																
7	Internet programming	45	15			30		4							Exam	
8	Mobile systems	45	15			30		3							Grade	
9	UNIX administration	30			30			2							Grade	
10	Digital assembly of multimedia files	30			30			2							Grade	
11	Administration of Windows 2003	30									30			2	Grade	
12	Data warehouses for e-business	60							30				30	5	Exam	
13	Diploma seminar	45					15	2					30	2	Grade	
14	Monographic A	60	30				30	5							Grade	
15	Monographic B	60							30				30	5	Grade	
16	Diploma thesis							2						4	Grade	
Overall hours/ECTS credits			150	30	105	60	45	30	90	30	30	15	165	30		
Overall hours in semester (year) without practice		720	390							330						

Rok IV

Lp.	Course name	Hours	Semester 7					ECTS	Form of credit
			l	c	l	p	s		
Subjects for speciality									
1	Diploma seminar	30					30	2	grade
2	Team Project	30			30			7	grade
3	Desing of internet applications	30			30			7	grade
4	Monographic C	60	30				30	5	grade
5	Diploma thesis							9	grade
Overall hours/ECTS credits			30	0	60	0	60	30	
Overall hours :		150	150						

Overall hours – 2325

Major: Information technology
Specialization: Internet systems
Recruitment: 2008

Non-stationary

Year I

No.	Course name	Hours	Semester 1					Credits ECTS	Semester 2					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	Grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	36	24				5							Exam
3	Physics for engineers	48	24		24			5							Grade
4	Introduction to technique	24	24					5							Grade
5	Discrete mathematics	60							36	24				5	Exam
6	Electronics and metrology - basic principles	48							24	24				6	Exam
Field subjects															
7	Fundamentals of law in informatics	24	12	12				2							Grade
8	Law aspects of IT market	24							12	12				2	Grade
9	Introduction to Computer Engineering	24	12	12				5							Exam
10	Fundamentals of programming I	48	24		24			6							Grade
11	Fundamentals of programming II	48							24		24			6	Grade
12	Algorithms and data structures	24							12		12			6	Exam
13	Fundamentals of computer graphics	24							12		12			3	Grade
Overall hours/ECTS credits			162	48	48	0	0	30	150	60	48	0	0	30	
Overall hours in semester (year)		516	258						258						

Industrial Safety – I semester 4h
Library training - I semester 4h

Major: Information technology
 Specialization: Internet systems
 Recruitment: 2008

Non-stationary

Year II

Lp.	Course name	Hours	Semester 3					Credits	Semester 4					Credits	Form of credit
			l	c	l	p	s	ECTS	l	c	l	p	s	ECTS	
Subjects of general education															
1	English	60		30				1		30				1	Grade
Basic subjects															
2	Fundamentals of probabilistic and statistics methods	60	36	24				6							Exam
3	Fundamentals of information theory	12							12					2	Grade
Field subjects															
4	Object-oriented design and programming	48	12		12			5	12		12			3	Grade
5	Computer Networks	60	12		24			5	24					4	G, E
6	Databases	36	24		12			6							Exam
7	Computer architecture	36	24		12			5							Exam
8	Operating Systems	36							24		12			5	Exam
10	Practice	200												2	Grade
Subjects for speciality															
11	Hypertext languages	36	24					2			12			2	Grade
12	Visual programming	24							12		12			3	Grade
13	Fundamentals of plastic composition	12							12					2	Grade
14	Internet programming	24							12		12			3	Grade
15	Internet database systems	36							24		12			3	Exam
Overall hours/ECTS credits			132	54	60	0	0	30	132	30	72	0	0	30	
Overall hours in semester (year) without practice		480	246						234						

Major: Information technology
Specialization: Internet systems
Recruitment: 2008

Non-stationary

Year III

Lp.	Course name	Hours	Semester 5					Credits ECTS	Semester 6					Credits ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English	60		30				1		30				2	G, E
Field subjects															
2	Designing and implementing information systems	36	12					2					24	2	Grade
3	Microprocessor techniques and embeded systems	24	12		12			3							Grade
4	Security of information systems	36							12			12	12	5	Exam
5	Methods of artificial intelligence	48	12		12			4					24	2	E, G
6	Practice	200												2	Grade
Subjects for speciality															
7	Internet programming	36	24			12		4							Exam
8	Mobile systems	24	12			12		3							Grade
9	UNIX administration	24			24			2							Grade
10	Digital assembly of multimedia files	12			12			2							Grade
11	Administration of Windows 2003	24									24			2	Grade
12	Data warehouses for e-business	36							24				12	4	Exam
13	Diploma seminar	36					12	2					24	2	Grade
14	Monographic A	36	24				12	5							Grade
15	Monographic B	36							24				12	5	Grade
16	Diploma thesis							2						4	Grade
Overall hours/ECTS credits			96	30	60	24	24	30	60	30	24	12	108	30	
Overall hours in semester (year) without practice		468	234						234						

Year IV

Lp.	Course name	Hours	Semester 7					ECTS	Form of credit
			l	c	l	p	s		
Subjects for speciality									
1	Diploma seminar	24					24	2	grade
2	Team Project	24			24			7	grade
3	Desing of internet applications	24			24			7	grade
4	Monographic C	36	24				12	5	grade
5	Diploma thesis							9	grade
Overall hours/ECTS credits			24	0	48	0	36	30	
Overall hours in semester (year) without practice		108	108						

Major: Information technology

Specialization: Information systems in management

Full time

Recruitment: 2009

Year I

Lp.	Course name	Hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Humanistic subject to choose	60	30					2	30					2	Grade
Basic subjects															
2	Mathematical analysis and linear algebra	60	30	30				5							Exam
3	Physics for engineers	60	30		30			5							Grade
4	Introduction to technique	30	30					5							Grade
5	Discrete mathematics	60							30	30				5	Exam
6	Electronics and metrology - basic principles	60							30	30				6	Exam
Main subjects															
7	Fundamentals of law in informatics	45	30	15				2							Grade
8	Law aspects of IT market	45							30	15				2	Grade
9	Introduction to Computer Engineering	60	30	30				5							Exam
10	Fundamentals of programming I	60	30		30			6							Grade
11	Fundamentals of programming II	60							30		30			6	Grade
12	Algorithms and data structures	60							30		30			6	Exam
13	Fundamentals of computer graphics	30							15		15			3	Grade
Overall hours/ECTS credits			210	75	60	0	0	30	195	75	75	0	0	30	
Overall hours in semester (year)		690	345						345						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology

Specialization: Information systems in management

Full time

Recruitment: 2009

Year II

Lp.	Course name	Hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	Physical education	60		30				1		30				1	Grade
2	English language	60		30				1		30				1	Grade
Basic subjects															
3	Fundamentals of probabilistic and statistics methods	60	30	30				6							Exam
4	Fundamentals of information theory	30	30					2							Grade
Main subjects															
5	Object-oriented design and programming	90	30		30			5	15		15			4	Grade
6	Computer Networks	90	30		30			5	30					4	G, E
7	Databases	60	30		30			5							Exam
8	Computer architecture	60	30		30			5							Exam
9	Operating Systems	60							30		30			5	Exam
10	Practice	200												0	Grade
Subjects for speciality															
11	Enterprise basics	30							30					2	Grade
12	Computer simulation	45							15		30			4	Grade
13	Production management	30							15	15				2	Grade
14	Accounting management	30							15		15			2	Grade
15	Operational research for engineers	60							30		30			5	Exam
Overall hours/ECTS credits			180	90	120	0	0	30	180	75	120	0	0	30	
Overall hours in semester (year)		765	390						375						

Major: Information technology

Specialization: Information systems in management

Recruitment: 2009

Full time

Year III

Lp.	Course name	Hours	Semestr 5					ECTS	Semestr 6					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English language	60		30				1		30				2	G, E
Main subjects															
2	Designing and implementing information systems	60	30					2					30	2	Grade
3	Microprocessor techniques and embeded systems	45	30		15			3							Grade
4	Security of information systems	75							30			15	30	5	Exam
5	Methods of artificial intelligence	90	30		30			4					30	3	E, G
6	Practice	200													Grade
Subjects for speciality															
7	Staff management	30	15	15				2							Grade
8	Management of IT project	30	15				15	4							Exam
9	UNIX administration	60			30			2			30				Grade
10	Mobile systems	45	15			30		3							Grade
11	Administration of Windows Server	30										30		2	Grade
12	Integrated information systems	75					15		30			30		5	Exam
13	Diploma seminar	90	30				30	2					30	2	Grade
14	Monographic A	60	30				30	5							Grade
15	Monographic B	60							30				30	5	Grade
16	Diploma thesis							2						4	Grade
Overall hours/ECTS credits			195	45	75	30	90	30	90	30	30	75	150	30	
Overall hours in semester (year)		810	435						375						

Year IV

Lp.	Course name	Hours	Semester 7					ECTS	Form of credit
			l	c	l	p	s		
Subjects for speciality									
1	Diploma seminar	30					30	2	Grade
2	Team Project	30			30			7	Grade
3	Desing of information systems	30			30			7	Grade
4	Monographic C	60	30				30	5	Grade
5	Diploma thesis							9	Grade
Overall hours/ECTS credits			30	0	60	0	60	30	
Overall hours in semester		150	150						

Overall hours – 2415

Major: Information technology

Specialization: Information systems in management

Non-stationary

Recruitment: 2009

Year I

Lp.	Course name	Hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit	
			l	c	l	p	s		l	c	l	p	s			
Subjects of general education																
1	Humanistic subject to choose	60	30					2	30					2	grade	
Basic subjects																
2	Mathematical analysis and linear algebra	60	36	24				5							exam	
3	Physics for engineers	48	24		24			5							grade	
4	Introduction to technique	24	24					5							grade	
5	Discrete mathematics	60							36	24				5	exam	
6	Electronics and metrology - basic principles	48							24	24				6	exam	
Main subjects																
7	Fundamentals of law in informatics	24	12	12				2							grade	
8	Law aspects of IT market	24							12	12				2	grade	
9	Introduction to Computer Engineering	24	12	12				5							exam	
10	Fundamentals of programming I	48	24		24			6							grade	
11	Fundamentals of programming II	48							24		24			6	grade	
12	Algorithms and data structures	48							24		24			6	exam	
13	Fundamentals of computer graphics	24							12		12			3	grade	
Overall hours/ECTS credits			162	48	48	0	0	30	162	60	60	0	0	30		
Overall hours in semester (year)		540	258						282							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Information technology

Specialization: Information systems in management

Non-stationary

Recruitment: 2009

Year II

Lp.	Course name	Hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			l	c	l	p	s		l	c	l	p	s		
Subjects of general education															
1	English language	60		30				1		30				1	grade
Basic subjects															
2	Fundamentals of probabilistic and statistics methods	60	36	24				6							exam
3	Fundamentals of information theory	12	12					2							grade
Main subjects															
4	Object-oriented design and programming	48	12		12			5	12		12			4	grade
5	Computer Networks	60	12		24			5	24					5	G, E
6	Databases	36	24		12			6							exam
7	Computer architecture	48	24		24			5							exam
8	Operating Systems	48							24		24			5	exam
10	Practice	200												0	grade
Subjects for speciality															
11	Enterprise basics	24							24					2	grade
12	Computer simulation	24							12		12			4	grade
13	Production management	24							12	12				2	grade
14	Accounting management	24							12		12			2	grade
15	Operational research for engineers	36							24		12			5	exam
Overall hours/ECTS credits			120	54	72	0	0	30	144	42	72	0	0	30	
Overall hours in semester (year)		504	246						258						

Major: Information technology

Specialization: Information systems in management

Non-stationary

Recruitment: 2009

Year III

Lp.	Course name	Hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit	
			l	c	l	p	s		l	c	l	p	s			
Subjects of general education																
1	English language	60		30				1		30				2	G, E	
Main subjects																
2	Designing and implementing information systems	48	24					2					24	2	grade	
3	Microprocessor techniques and embeded systems	24	12		12			3							grade	
4	Security of information systems	60							24			12	24	6	exam	
5	Methods of artificial intelligence	48	12		12			4					24	3	E, G	
6	Practice	200													grade	
Subjects for speciality																
7	Staff management	24	12	12				2							grade	
8	Management of IT project	24	12				12	4							exam	
9	UNIX administration	24			24			2							grade	
10	Mobile systems	24	12			12		3							grade	
11	Administration of Windows Server	24										24		1	grade	
12	Integrated information systems	36							24			12		5	exam	
13	Diploma seminar	36					12	2					24	2	grade	
14	Monographic A	36	24				12	5							grade	
15	Monographic B	36							24				12	5	grade	
16	Diploma thesis							2						4	grade	
Overall hours/ECTS credits			108	42	48	12	36	30	72	30	0	48	108	30		
Overall hours in semester (year)		504	246						258							

Year IV

Year IV									
Lp.	Course name	Hours	Semester 7					ECTS	Form of credit
			l	c	l	p	s		
Subjects for speciality									
1	Diploma seminar	24					24	2	grade
2	Team Project	24			24			7	grade
3	Desing of information systems	24			24			7	grade
4	Monographic C	36	24				12	5	grade
5	Diploma thesis							9	grade
Overall hours/ECTS credits			24	0	48	0	36	30	
Overall hours in semester		108	108						

Overall hours – 1656

Punkty ECTS

2

1. Course name

Economics

2. Course description**Lecture**

Introduction, structures of the economics. The issue of scarcity and abundance; opportunity cost. Microeconomics and macroeconomics. Market economy; market and its structure. Demand and supply. The factors of demand and supply. Market price. The problems change of demand and supply. Elasticity, elasticity of demand. To measure and graphic interpretation of elasticity. The fundamental theory of enterprise. Revenue and costs production and factors of productions. The costs in enterprise. Profit maximizing under perfect competition and monopoly. The concepts of constable market structure. The main problems of economy. Inflation, unemployment. The rule of interventions. In economy. Gross domestic product. Government and global demand. The nature of fiscal policy. The role of money in the economy, The financial system in Poland. The supply of money. The demand for money. Keynesian and monetary controversies. The control of aggregate demand Attitude towards monetary policy. The nature of central bank. Commercial banking. Monetary policy. The main issue of unemployment. Inflation and unemployment – moderate monetarist and and new classical position. Tehe balance of payments and exchange rates. GATT.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction to the concept of mechanism of market in economy. The role of decision making systems in economy. First of all decision of enterprise. Aims od programme is also problems efficiency of market in perspectives of public interest.

Literature:

Begg D., Fischer S., Dornbusch R. *Mikroekonomia*, wyd. I lub II PWE, Warszawa, 1997 r.

Samuelson P. A., Nordhaus W. D. *Ekonomia* tom 1 i 2 PWN, Warszawa, 1996 r.

Czarny B., Czarny E., Barkowiak R., Rapacki R. *Podstawy ekonomii*, PWE 1998 r.

Podstawy ekonomii, pod red. R. Milewskiego, PWN, Warszawa 1998 r.

Slomon J. *Podstawy Ekonomii*, PWE, 2000 r.

5. Type of course

Obligatory

6. Teaching team

Department of industrial management and logistic.

7. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	4	2
Classes	30/24	4	2
Laboratory			
Project			
Seminar			
Total student's workload	60		

8. Conditions of the course acceptance:

Lecture – colloquium

9. Language:

Polish

Punkty ECTS

6

1. Course name

Fundamentals of programming I

2. Course descriptionLecture

Algorithm basics. Flow charts - examples. The Pascal programming structure. The Pascal compilation model. Integer and real numeric types. Assignments. Arithmetic operators. Char and Boolean types. I/O basics. Building user interface in char mode. Conditionals: the *if* statement, the *case* statement. Procedures and functions: declarations, parameter lists, value parameters, variable parameters. Writing programs with procedures and functions. Looping and iteration: *repeat...until*, *while...do*, *for...to/downto*. Standard procedures *break* and *continue*. Recursion. Single and multi-dimensional arrays: declarations, handling elements, examples. Strings: declarations, simple processing, strings as arrays, standard functions and procedures *Concat*, *Copy*, *Pos*, *Delete*, *Length*, *Str*, *Val*. I/O formatting. Records data types: type definitions, variable declarations, *with* statement. Records with variants. Arrays of records: performing I/O operations. Text and defined files. Programming with units.

Laboratory

Creating, compiling and running Pascal programs using Dev Pascal IDE. Pascal programs with constants, variables and arithmetic operators. Basic I/O. Pascal programs with logical operators and conditionals. Single-dimensional arrays and iteration statements. Functions and program modularization. Programming with records. Reading and writing files.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is to practice the methodological usage of Pascal language in solving small and medium size algorithmic problems.

5. Literature

Koleśnik K., *Wstęp do programowania z przykładami w Turbo Pascalu*, Wydawnictwo Helion, Gliwice 1999

Kierkowski A., *Turbo Pascal. Ćwiczenia praktyczne. Wydanie II*, Wydawnictwo Helion, Gliwice 2006

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	1	1
Classes			
Laboratory	30/12	1	1
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

10. Language:

Polish

Punkty ECTS

5

1. Course name

Introduction to Computer Engineering

2. Course descriptionLecture

Introduction to algorithms and flow charts. Computational complexity basics. Positional numeral systems.

Alphanumeric codes: ASCII, ISO-8859-2, Unicode. Arithmetic for computers: signed and unsigned numbers. Fixed-point and floating-point numbers. Fixed-point arithmetic: addition, subtraction, multiplication, division. Boolean algebra: axioms, theorems, rules. Simplification of Boolean expression. Boolean functions. Canonical form of Boolean functions. Combinational circuits. Logical functors/gates. Combinational circuits analysis and design: adder, subtractor, multiplexer, decoder etc. Sequential circuits. Registers. Introduction to computer organization and architecture.

Classes

Examples of sequential, conditional and cyclic algorithms. Sorting – **analysis** of complexity. Positional numeral systems: decimal, binary, octal, hexadecimal. Converting numbers written in different bases. BCD code. Alphanumeric codes ASCII, ISO-8859-2, Unicode. Arithmetic for computers: signed and unsigned numbers. Fixed-point/integer arithmetic: addition, subtraction, multiplication, division. Machine representation of floating-point numbers. Basics of Boolean algebra. Simplification of Boolean expression. Boolean functions. Minterms and maxterms. Canonical form of Boolean functions. Combinational circuits. Logical functors. Combinational circuits analysis and design - examples. Sequential circuits. Basic types of flip-flops and registers. Classical and modern computer organization and architecture. Instruction set.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction to the concept of algorithm, arithmetic for computers, Boolean algebra, combinational circuits analysis and design.

5. Literature

Skorupski A., *Podstawy budowy i działania komputerów*, Wydawnictwo Komunikacji i Łączności, 2000

Sysło M., *Algorytmy*, Wydawnictwa Szkolne i Pedagogiczne, 1997

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Czas trwania i terminarz

Form	Number of hours	Semester	year
Lecture	30/12	1	1
Classes	30/12	1	1
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance

Lecture – exam; classes – tests and assignments

10. Language

Polish

ECTS credits

5

1. Course name

Introduction to technique

2. Course description**Lecture**

Definition of technique and technical systems. Technique and civilization. Professional features of engineer. Mathematics, physics and chemistry role as bases of technical science. Productive process vs technological process. Structure of technological processes. Structure of design and construction process. Computer aided design (CAD). Characteristic of production in different technique branches: building, machine constructing, electrical and electronic engineering, food and chemical engineering. Production automatization and robotization. Part of computerization in productive processes realization: Computer aided manufacturing (CAM), Computer integrated manufacturing (CIM). Exploitation and usage, diagnosis, reliability and monitoring of technical systems. New technique and technology transfer into industry. Technique and technology part in economic progress. Technique and natural environment. Recycling.

3. Prerequisites

None

4. Aim of the course

The main goal of lecture is transferring of basic knowledge concerning technique and technology and the part they take in civilization and social-economical progress.

5. Literature

1. Adamczyk W.: *Inżynieria procesów przemysłowych*. Kraków: Wyd. AE 1988
2. Ashby M.F.: *Dobór materiałów w projektowaniu inżynierskim*. Warszawa: WNT 1998
3. Baruk J.: *Nauka i technika w rozwoju gospodarczym*. Lublin: Wyd. UMCS 1997
4. Durlik I.: *Inżynieria zarządzania. Strategia i projektowanie systemów produkcyjnych*. Cz.1. Strategie organizacji i zarządzania produkcją. Warszawa: AWP Placet 2000
5. Griffin R.W.: *Podstawy zarządzania organizacjami*. Warszawa: WN PWN 2000
6. *Innowacje i transfer techniki w gospodarce polskiej*. Red. A.H. Jasiński. Białystok: Wyd. Uniwersytetu 2000
7. Johansson A.: *Czysta technologia. Środowisko, technika, przyszłość*. Warszawa: WNT 1997
8. Krick E.V.: *Wprowadzenie do techniki i projektowania technicznego*. Warszawa: WNT 1975
9. Kubański W.: *Wprowadzenie do techniki. Rola i miejsce techniki w gospodarce oraz życiu społecznym*. Kraków: Uczelniane Wyd. Nauk. – Dyd. AGH 2006
10. *Wprowadzenie do projektowania*. Red. A. Baranowski. Warszawa: WN PWN 1998

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	1	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

Written test.

10. Language:

Polish

ECTS credits

5

1. Course name

Mathematical analysis and linear algebra.

2. Course descriptionLecture

Sequences and series of numbers, functional series. Differential calculus of functions of one and several variables. Integral calculus: definite and indefinite integral, applications of definite integrals. Introduction to differential equations and their applications. Matrices, determinants, systems of linear equations and Gauss elimination. Elements of analytical geometry. Groups, rings of polynomials and modular arithmetic.

Classes

Computation methods of limits of sequences, convergence of series. Computation methods of limits of functions. Computations of derivatives of functions. Applications of differential calculus. Computations of definite and indefinite integrals. Simple differential equations. Operations on matrices. Computations of determinants of matrices. Methods of solving systems of linear equations. Distances and angles in the three-dimensional space. Operations on polynomials, zeros of polynomials.

3. Prerequisites

None.

4. Aim of the course

During the lessons students learn to apply the language of mathematical analysis to the description of different problems; learn to use the methods of rings of polynomials and modular arithmetic; learn to formulate problems in terms of matrices and to perform operations on matrices; learn to solve systems of linear equations.

5. Literature

1. M. Gewert, Z. Skoczylas, *Analiza matematyczna 1 i 2*, Oficyna Wydawnicza GiS, Wrocław, 2006.
2. T. Jurlewicz, Z. Skoczylas, *Algebra liniowa 1*, Oficyna Wydawnicza GiS, Wrocław, 2006.
3. G.M. Fichtenholz, *Rachunek różniczkowy i całkowy. Tom I*, PWN, Warszawa, 2004.
4. W. Krywicki, L. Włodarski, *Analiza matematyczna w zadaniach*, PWN, Warszawa, 2006.
5. M. Gewert, Z. Skoczylas, *Równania różniczkowe zwyczajne*, Oficyna GiS, Wrocław, 2004.

6. Type of course

Obligatory.

7. Teaching team

Department of Basic Sciences.

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/36	1	1
Classes	30/24	1	1
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

Completion of classes and written examination are the conditions of ranking the lecture.

10. Language:

Polish.

ECTS credits

5

1. Course name

Physics for engineers

2. Course descriptionLecture

INTRODUCTION: Physics as a natural science. SI – International System of Units. Definitions of base units. Rudiments of vector calculus. Foundations of analysis of experimental results: measurement and uncertainty, types of error, error analysis. MECHANICS: Material point kinematics: position, velocity, acceleration, description of motion using an orthogonal system of coordinates, uniform and uniform variable motion, rotary motion. Dynamics of the material point and a system of material points. Newton's Laws of Dynamics, Rigid body dynamics: torque, moment of inertia, law of parallel axis, momentum. Dynamics of rotary motion. Laws of conservation of momentum, angular momentum and energy. Statics. Gravitation: law of universal gravitation, lines of forces, potential of gravitational field. FLUID MECHANICS: Hydrostatics: pressure, Pascal law, Archimedes' principle. Hydrodynamics of the ideal fluid: equation of continuity of flow, Bernoulli's theorem, Magnus effect, Pitot tube, pitotstatic tube, Venturi tube. Real fluids: viscosity, Stokes formula, Hagen-Poiseuille formula, Reynolds number. THERMAL PHYSICS: Kinetic theory of heat: temperature, zero law of thermodynamics, heat, specific heat. Thermostatistics: heat balance. First law of thermodynamics. Equation of state of ideal gas, ideal gas laws. Reversible and irreversible processes: second law of thermodynamics, entropy, heat engines, Carnot cycle, statistical interpretation of entropy. ELECTRICITY AND MAGNETISM: Electrostatics: electric charge, law of conservation of electric charge, Coulomb's law, electric field, potential and electric tension, dielectric properties of matter. Electric current: current strength, charge carriers, electric resistance, Ohm's laws, electromotive force, Joule effect, Kirchhoff's laws. Magnetic field: Lorentz force, induction and magnetic field strength, Biot-Savart law, magnetic properties of matter – diamagnetic, paramagnetic and ferromagnetic substances. Electromagnetic induction: Faraday law, Lenz law, self-inductance. INTRODUCTION TO THE MODERN PHYSICS AND TECHNOLOGY: Quantum physics – physics of elementary particles and atoms, Special and general theory of relativity – physics of high velocities and energies, cosmology. Rudiments of modern technology – examples.

Laboratory

Measurement of the moment of inertia using the pendulum method and verification of the parallel axis theorem, Measurement of the modulus of stiffness using the dynamic method, Measurement of the speed of sound using the Lissajous figures, Measurement of the dynamic viscosity using the Stokes method, Calibration of a thermocouple, Measurement of the groove period of a diffraction grating, Measurement of the focal length of lenses using the Bessel method, Spectral analysis – gas spectra, Measurement of electric resistance, Verification of the Ohm's Law for the alternating current, Measurement of the resonance frequency of an RLC circuit, Oscilloscope as a measuring device.

3. Prerequisites

None

4. Aim of the course

The main goal of the lecture is to give a base of physical knowledge necessary for other courses. The laboratory classes introduce students into experimental work.

5. Literature

- J. Orear; *Fizyka*; WNT, Warszawa; (podręcznik podstawowy);
 C. Bobrowski; *Fizyka – krótki kurs*; WNT, Warszawa; (podręcznik alternatywny);
 H. Szydłowski; *Niepewności w pomiarach. Międzynarodowe standardy w praktyce*, Wydawnictwo Naukowe UAM, Poznań;
 P. Wilk, W. Urbanik, I. Szczygieł; *Fizyka – laboratorium*, Wydawnictwo Akademii Ekonomicznej, Wrocław.

6. Type of course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/24	1	1
Classes			
Laboratory	30/24	1	1
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

Laboratory –obligatory number of accomplished experiments (positively graded),
 Written test is the conditions of ranking the lecture.

10. Language:

Polish

ECTS credits

6

1. Course name

Algorithms and data structures

2. Course descriptionLecture

- Introduction. Basic definition. Methods of algorithms representation.
- Basic programming structures.
- Computational complexity of algorithms.
- Basic data types: arrays, structures.
- Complex data types: file, pointer.
- Recursive algorithm. A derecursion process. Some case studies of recursion.
- Sorting algorithms: bubblesort, isertionsort, selectionsort, quicksort, heapsort, mergesort
- Dinamic data structures: methods of creation and manipulation.
- Trees: types, creation methods, basic operation, practice.
- Algorithms of text pattern searching.
- Graphs: methods of representation in memory, path searching methods.
- Graphic and geometry algorithms.

Laboratory

Implementation of the proposed algorithms using C or Pascal programming languages

3. Prerequisites

none

4. Aim of the course

Introducing the problem of algorithms construction, evaluation and optimisation and presented some methods of data structures computation.

5. Literature

1. Silberschatz A., Peterson J.L., Galvin P.B., *Podstawy systemów operacyjnych*, WNT Warszawa 1993
2. Bach M.J., *Budowa systemu operacyjnego UNIX*, WNT, Warszawa 1995
3. Lister A.M., Eager R.D., *Wprowadzenie do systemów operacyjnych*, WNT Warszawa 1994
4. Kerningham B.W., Ritchi D.M., *Język C*, WNT, Warszawa 1988

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	2	1
Classes			
Laboratory	30/12	2	1
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

5

1. Course name

Discrete mathematics

2. Course descriptionLecture

Elements of mathematical logic: logical sentence, tautology, sentential function, quantifiers. The algebra of sets: operations on sets, basic properties, Cartesian product. Relations: basic properties, order relations and equivalence relations. Functions: basic properties, operations on functions. Elements of combinatorics: basic notions, applications – counting, Dirichlet's box principle, principle of inclusion-exclusion, Newton's formula. Techniques of proofs: direct proof, reductio ad absurdum. Mathematical induction. Recursion theory: linear recurrences of first and higher orders, generating functions. Trees and graphs: basic notions, operations on graphs, planar graphs, directed graphs, coloring graphs.

Classes

During the classes students solve some problems from the following areas: mathematical logic, predicate logic, set theory, basic theory of relations and functions, mathematical induction, recursion, combinatorics and graph theory.

3. Prerequisites

Completion of the course "Mathematical analysis and linear algebra".

4. Aim of the course

During the lessons students learn to interpret the notions from the area of computer science in terms of functions and relations, learn to apply the methods of logic, the techniques of proving theorems and the methods of graph theory and recurrence to solve the problems from the area of computer science.

5. Literature

11. K. A. Ross, Ch. R. B. Wright, *Matematyka dyskretna*, PWN, Warszawa, 2006.
12. R. Graham, D. Knuth, O. Patashnik, *Matematyka konkretna*, PWN, Warszawa, 2006.
13. T. Cormen, Ch. Leiserson, R. Rivest, C. Stein, *Wprowadzenie do algorytmów*, WNT, Warszawa, 2004.
14. W. Lipski, *Kombinatoryka dla programistów*, WNT, Warszawa, 2004.
15. R. J. Wilson, *Wprowadzenie do teorii grafów*, PWN, Warszawa, 2007.

6. Type of course

Obligatory.

7. Teaching team

Department of Basic Sciences.

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/36	2	1
Classes	30/24	2	1
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

Completion of classes and written examination are the conditions of ranking the lecture.

10. Language:

Polish.

ECTS credits

6

1. Course name

Electronics and metrology - basic principles

2. Course description**Lecture**

Electric charge, electric and magnetic field. Elements of the electric circuit. General terms and definitions: general classification of circuit elements and their description; Ohm's law; principles of current and voltage arrow placement; circuit diagram, presentation of circuit topology by means of its graph and definition of graph elements such as node, branch, cutset and loop; Kirchhoff's Current Law and Kirchhoff's Voltage Law. Circuit equations. Methods of analysis: mesh current and nodal voltage methods. Thevenin's theorem and Norton's theorem, superposition theorem. Linear circuits, properties, fundamental theorems. Electric energy and power: energy conservation law and power balance; voltage, current and power calculations for simple circuits - practical examples. Circuits in the steady state, DC and AC network analysis. Basic theory and phenomena of semiconductor physics. Theory of p-n junction and diode classification. characteristics and small signal ac analysis of diodes, bipolar and field effect transistors. Equivalent circuits, frequency response and switching parameters. Transistor amplifiers. Thyristors and triacs. Use data sheet information and parameter measurement of devices. Frequency response of electronic circuits. Feedback theory. Differential and operational amplifiers and their applications. Active filters. Basic RF amplifiers. Power amplifiers. Oscillator circuits. Linear and switched-mode regulators. Boolean algebra. Introduction to digital electronics. A review of basic relevant properties of BJT and MOSFET for digital electronics. Logic gates. Combinatorial circuits. Flip-flops. Sequential logic. The fundamental basic building blocks for logic. Design and implementation of more complex combinational and sequential logic circuits up to registers and counters. Semiconductor memories. Programmable logic. Design constraints: reliability, performance, area and power consumption. Design for high speed, low power circuits. System design and test. Microprocessors, microcontrollers. Definition of the measurement. Basic concepts of measurement techniques. SI standard. The structure and properties of measuring instruments. A/C converters. Oscilloscopes. Analysis of measurement data, error calculations. The measuring interfaces. Electrical methods of measuring non-electrical value.

Determination of the sensor, classification of sensors, transduction characteristics, sensors of mechanical vibrations, strain-gauges, sensors of flow, humidity sensors, temperature sensors. Measurement systems. Communication in measurement systems, standard interface.

3. Prerequisites

Physics

4. Aim of the course

To introduce the student to electronic device characteristics, limitations, and applications.

5. Literature

- Praca zbiorowa: *Elektrotechnika i elektronika dla niefizyków*, WNT, Warszawa, 2004 r.
- U. Tietze, Ch. Schenk: *Układy półprzewodnikowe*, WNT, Warszawa 1997
- J. Kalisz *Podstawy elektroniki cyfrowej*, WKŁ, Warszawa 1993
- P. Horowitz, W. Hill *Sztuka elektroniki*, WKŁ, 2002
- A. Chwaleba, M. Poniński, A. Siedlecki *Metrologia elektryczna*, WNT, Warszawa 2003

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	2	1
Classes	30/24	2	1
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

classes and written test; lecture – exam

10. Language:

Polish

Punkty ECTS

2

1. Course name

Fundamentals of computer graphics

2. Course descriptionLecture

Principles of the computer graphics: raster and vector graphics, 2D and 3D scene generation and visualization, principles of the digital images, examples of some paradoxes, color model definition and description – RGB, HSI, CMYK, graphic datafile formats review (BMP,PCX,TIFF,JPEG)

Image primitives: Lines DDA line drawing algorithm, Bresenham line and circle drawing algorithm, Bezier curves, polygons, B-functions

The chosen algorithms of the computational geometry: polygon clipping, convex hull.

3D and 2D transformations: scaling, rotation and translation.

Laboratory

Laboratory exercises using POV-Ray or 3D Studio Max.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction to the basic concepts of the computer graphics.

5. Literature

Foley G., *Wprowadzenie do grafiki komputerowej*, WNT Warszawa 1999

Jankowski M., *Elementy grafiki komputerowej*, WNT, Warszawa 1992

Zabrodzki J. (red.), *Grafika komputerowa, metody i narzędzia*, WNT, Warszawa, 1994

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	2	1
Classes			
Laboratory	15/12	2	1
Project			
Seminar			
Total student's workload			
Lecture	60		

9. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

10. Language: Polish

Punkty ECTS

6

1. Course name

Fundamentals of programming II

2. Course descriptionLecture

History of C, characteristics of C, C standards. Creating, compiling and running C programs. The C compilation model. C basics: C programming structure, variables, constants, operators, order of precedence. I/O basics: *scanf()*, *printf()*. Conditionals: the *if* statement, the *?* operator, the *switch* statement. Looping and iteration: *while*, *do-while*, *for*, *break* and *continue* statements. Arrays and strings: single and multi-dimensional arrays, strings. Functions: *void* functions, functions and arrays, function prototyping. Further data types: structures, unions, type-casting, enumerated types, static variables. Pointers: pointer and functions, pointers and arrays, arrays of pointers, multidimensional arrays and pointers, pointers and structures, common pointer pitfalls. Dynamic memory allocation and dynamic structures: *malloc*, *sizeof*, *and free*, linked lists. Advanced pointer topics: pointers to pointers, command line input, pointers to a function. The C Preprocessor: *#define*, *#undef*, *#include*, *#if* - conditional inclusion. *stdlib* library functions: arithmetic functions, random numbers, string conversion, searching and sorting, *string*, *ctype*, *memory* library functions: basic string handling functions, character conversions and testing, memory operations. Java basics.

Laboratory

Creating, compiling and running C programs using Dev C++ IDE. C programs with constants, variables and arithmetic operators. Expressions evaluation. Basic I/O. C programs with logical operators and conditionals. Single-dimensional arrays and iteration statements. Functions and program modularization. Programming with structures. Programming with pointers. Dynamic memory allocation and dynamic structures. Linked lists. Reading and writing files. Simple Java – programming with classes.

3. Prerequisites

Course: “Languages and programming methods I”

4. Aim of the course

The main goal of the lecture is to practice the methodological usage of C language in solving small and medium size algorithmic problems.

5. LiteraturePrata S., *Szkoła programowania. Język C*, Wydawnictwo Helion, wyd. V, Gliwice 2006Tondo C.L., Wimpel S.E., *Język ANSI C. Ćwiczenia i rozwiązania*, WNT, Warszawa 2003Koleśnik K., *Podstawy programowania strukturalnego w języku C++*, Oficyna Wydawnicza Politechniki Wrocławskiej, Wrocław 2006**6. Type of course**

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	2	1
Classes			
Laboratory	30/24	2	1
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

3

1. Course name

Computer architecture

2. Course descriptionLaboratory

Binary numbers coding, 1's complement and 2's complement codes. Floating-point numbers – coding (IEEE standard), standardization, floating-point excess, floating-point depletion. Memory addressing - memory capacity and address length. Calculation of effective address for different procedures addressing. Computer language operations examples (arithmetical, logical, shift, screening, testing, transfers). Simple programs in assembler language. Instruction cycle phases. State markers setting. Interruptions realization.

3. Prerequisites

Credit for a course "Introduction to the computer engineering"

4. Aim of the course

The main goal of the course is presentation of fundamental characteristics of computer architecture and computer logical organization.

5. Bibliography

- Biernat J., *Architektura komputerów*, Oficyna Wydawnicza PWr, Wrocław 2001.
- Koronkiewicz P., *Alchemia PC*, Wyd. Croma, Wrocław 1996.
- Morris Mano M., *Architektura komputerów*, Wyd. WNT, Warszawa 1988.
- Skorupski A., *Podstawy budowy i działania komputerów*, Wyd. WKiŁ, Warszawa 1996.

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems and Networks

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory	30/12	3	2
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Laboratory – realization all exercises.

10. Language:

Polish

ECTS credits

5

1. Course name

Computer architecture

2. Course descriptionLecture

Information representation, coding, elements state and two-state systems notation, binary strings, hexadecimal form, integer numerical data, addition/subtraction operations (sign-magnitude code, 1's complement and 2's complement codes). Floating-point numbers notation, IEEE 754 standard. Decimal numbers coding (BCD code). Alphanumeric marks coding (ASCII code, even parity bit). Computer description levels: realization (electronic), structure (logical), architecture. Laminar model of computer system; computer language and operating system notions. Functional blocks of computer (von Neumann's model); information flows in instruction cycle, control information and data. Simple didactical computer architecture example. Central processing unit architecture. Role of accumulator (register), instruction counter, stack and state markers index. Instructions coding, instruction word structure. Operands addressing modes. Instruction formats example. Instruction set, instruction function and computer logical structure dependence, CISC and RISC conception. Interruptions system, programs switching mechanism, role of system's stack, priorities, masking, programmable interruptions. External transmission; comparison of programmable transmission, interruptions control and out of processors transmission (DMA). Memory hierarchy in computer system. "Cache" memory.

3. Prerequisites

Credit for a course "Introduction to the computer engineering"

4. Aim of the course

The main goal of the course is presentation of fundamental characteristics of computer architecture and computer logical organization.

5. Bibliography

- Biernat J., *Architektura komputerów*, Oficyna Wydawnicza PWR, Wrocław 2001.
- Koronkiewicz P., *Alchemia PC*, Wyd. Croma, Wrocław 1996.
- Morris Mano M., *Architektura komputerów*, Wyd. WNT, Warszawa 1988.
- Skorupski A., *Podstawy budowy i działania komputerów*, Wyd. WKiŁ, Warszawa 1996.

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems and Networks

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	3	2
Classes			
Laboratory	30/24	3	2
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

Lecture – examination.

10. Language:

Polish

ECTS credits

5

1. Course name

Computer Networks 1

2. Course descriptionLecture

Classification of computer networks. Architecture of computer networks. Data transmission: channels, codes, multiplexers, modems. Wide area networks: structure, protocols HDLC, X.25, FR, TCP/IP, buffers, devices, switches, management systems. ISDN networks

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction to the concept of computer networks and connecting of networks.

5. Literature

Kasprzak A., *Rozległe sieci komputerowe z komutacją pakietów*, Oficyna Wydawnicza Politechniki Wrocławskiej, Wrocław, wydanie II, 1999

Nunemacher G., *Przewodnik po sieciach lokalnych*, MIKOM, Warszawa, 1996

Simmonds A., *Wprowadzenie do transmisji danych*, WkiŁ, Warszawa, 1999

Woźniak J., Nowicki K., *Sieci LAN, MAN i WAN – protokoły komunikacyjne*, Wydawnictwo Fundacji Postępu Telekomunikacji, Kraków, 1998

6. Type of course

Obligatory

7. Teaching team

Department of Computer Networks

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	3	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

5

- **Course name**

Databases

- **Course description**

Lecture

Introduction, what are databases? Features of modern databases. Data models. Introduction to Relational Databases. Database Management System, structure and activities. SQL language: DDL sublanguage (Data Definition Language) – specifying relation type, database scheme, views, indexes; DML sublanguage (Data Manipulation Language) – simple queries, join operations, aggregation over Data, nested queries, updating existing Data, inserting data, deleting Data, triggers, functions and stored procedures; access control. Creating of Database scheme – design with relational normalization theory. Conceptual modeling of Databases with Entity-Relationship Diagrams. Optimizing DBMS performance – physical data organization and indexing. Data security.

- **Prerequisites**

none

- **Aim of the course**

The main goal of the lecture is the introduction to the concept of relational database systems, database designing, implementing, and optimizing.

- **Literature**

11. Hector Garcia Molina, Jeffrey Ullman, Jenifer Widom., *Systemy Baz Danych*, WNT, Warszawa, 2006
12. P. Beynon – Davies, *Systemy baz danych*, WNT, Warszawa, 2003
13. Iwona Pożniak – Koszałka., *Relacyjne bazy danych w środowisku Sybase*, WPWR, Wrocław, 2004

- **Type of course**

Obligatory

- **Teaching team**

Department of Computer Systems

- **Course structure**

Form	Number of hours	Semester	year
Lecture	30/24	3	2
Classes			
Laboratory	30/24	3	2
Project			
Seminar			
Total student's workload	150		

- **Conditions of the course acceptance:**

Written test is the condition of ranking the lecture

- **Language:**

Polish

ECTS credits

6

1. Course name

Fundamentals of probabilistic methods

2. Course descriptionLecture

Introduction: Examples of uncertain data and situations with uncertain factors. Examples of rough inference process. Introduction to probabilistic methods.

Events and probability: Random experiments and events. Elementary events. Definitions of probability. Dependence and independence. Conditional probability. Bayes formula.

Random variables: Concept of random variable, Distribution function. Probability density function. Examples of probability distributions (binary distribution, binomial distribution, uniform distribution, Gaussian distribution). Mean value, variance (standard deviation) and moments.

Multi-dimensional random variable (several random variables): concept of multi-dimensional random variable, Probability distributions (joint probability density function and marginal probability density function). Parameters of two-dimensional random variable (covariance matrix, correlation). Generators of random variables.

Introduction to mathematical statistics: fundamental concepts (sample, random sample, population) and methods of statistical investigations

Estimation theory: Asymptotic properties of estimators (unbiased estimate, consistent estimate), sample moments (sample means, sample variance). Methods of estimation (maximum likelihood method, moments method, the least square method). Confidence intervals.

Hypothesis testing: fundamental concepts (parametric and non-parametric tests, hypothesis, first-order and second-order error, level of significance). Examples of significance tests. Statistical tables.

Classes

Solving of computational problems dealing with probability calculus and statistical mathematics (e.g. conditional probability, Bayes formula (Bayes decision problems), distributions and parameters of random variables, procedures of estimation, significance test procedures).

3. Prerequisites

Mathematics

4. Aim of the course

The main goal of the lecture is the introduction to the formal methods of description of uncertainty and to applying of probabilistic and statistical methods to different practical problems with uncertainty conditions.

5. Literature

1. Hellwig Z., *Elementy rachunku prawdopodobieństwa i statystyki matematycznej*, PWN, Warszawa 1995
2. Kryszicki W. i inni, *Rachunek prawdopodobieństwa i statystyka matematyczna w zadaniach, część I i II*, PWN, Warszawa 1995
3. Kordecki W., *Rachunek prawdopodobieństwa i statystyka matematyczna*, Oficyna wydawnicza GIS, 2002

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	3	2
Classes	30/24	3	2
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Passed exam is the conditions of ranking the lecture

10. Language:

Polish

Punkty ECTS

5

1. Course name

Object-oriented design and programming 1

2. Course descriptionLecture

Review of the present programming methods, object-oriented programming – basic concepts. C++ language – class and object declaration, construction and destruction, friend classes and functions, static components, operators, class inheritance, virtual functions (polymorphism).

Laboratory

Single-handly implementation of the object-oriented concepts in C++.

3. Prerequisites

Programming 1

4. Aim of the course

The main goal of the lecture is the introduction to the concept of the object-oriented programming in C++ language.

5. Literature

J. Grębosz, *Symfonia C++ t. I-III*, Oficyna Wydawnicza Kallimach, Kraków 1996.

B. Stroustrup, *Jezyk C++*, WNT, Warszawa 1993.

5. Type of course

Obligatory

6. Teaching team

Department of Computer Systems

Czas trwania i terminarz

Form	Number of hours	Semester	Year
Lecture	30/12	3	2
Classes			
Laboratory	30/12	3	2
Project			
Seminar			
Total student's workload			
Lecture	150		

7. Conditions of the course acceptance:

Laboratory and written test are the conditions of ranking the lecture

8. Language:

Polish

ECTS credits

2

1. Course name

System Techniques Basics 1

2. Course descriptionLecture

Introduction, goals and methods of system techniques. Mathematical models of systems. Mathematical description of dynamic systems: transfer function, state space description, time-based characteristics. Properties of dynamic objects: stability, observability, controllability. Linear and non-linear static and astatic systems, proper regulators and their parameters matching.

Introduction to identification of control systems. Algorithms of deterministic systems identification. Recognition problem – introduction and examples. Algorithms of recognition based on various knowledge forms like statistical rules, set of examples, expert rules.

3. Prerequisites

none

4. Aim of the course

The main goal of the course is solid introduction to the system techniques, presentation of description methods of various kinds of systems. Very important aspect is presentation of many examples as illustration of universal character of systems theory.

5. Literature

- Gutenbaum J., *Modelowanie matematyczne systemów*, Omnitech Press, Warszawa 1996
- Kurzyński M., *Rozpoznawanie obiektów*, Oficyna Wydawnicza Politechniki Wrocławskiej, Wrocław 1997
- Bubnicki Z., *Identyfikacja obiektów sterowania*, PWN, Warszawa 1974
- Bubnicki Z., *Problemy i algorytmy sterowania*, PWN, Warszawa 2002
- Kaczorek T., *Teoria sterowania*, PWN, Warszawa 1988
- Flasiński M., Tadeusiewicz R., *Rozpoznawanie obrazów*, PWN, Warszawa 1992

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	3	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

written test is condition of ranking the lecture

10. Language:

Polish

ECTS credits

5

1. Course name

Computer Networks 2

2. Course descriptionLecture

ATM. Medium access control methods and LAN technologies: CSMA/CD, Token Bus, Token Ring, Slotted Ring, Ethernet. Protocols of LANs. Wireless networks. Network operating systems. Connecting of computer networks. Novell NetWare operating system: file system, eDirectory, comparison to UNIX and Windows.

Laboratory

Analysis of komputer networks with the use of ping, traceroute, sniffer Ethereak. Configuration of network devices: switch router, access point. Configuration of IP protocol.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction to the concept of local area networks and network operating systems.

5. Literature

Nunemacher G., *Przewodnik po sieciach lokalnych*, MIKOM, Warszawa, 1996

Simmonds A., *Wprowadzenie do transmisji danych*, WkiŁ, Warszawa, 1999

Woźniak J., Nowicki K., *Sieci LAN, MAN i WAN – protokoły komunikacyjne*, Wydawnictwo Fundacji Postępu Telekomunikacji, Kraków, 1998

Dokumentacja firmy Novell

6. Type of course

Obligatory

7. Teaching team

Department of Computer Networks

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	4	2
Classes			
Laboratory	30/24	4	2
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

3

1. Course name

DataBases 2

2. Course descriptionLaboratory

The students interacted with database system. Creating simple SQL queries. Database scheme modification. Set operations. Data updating. Aggregation over Data. Designing database and preparing SQL script for database building. Triggers, procedures, views in SQL. Designing an application: queries, updates and reports. Designing user's interface. Testing and verification an application.

3. Prerequisites

Course Database 1

4. Aim of the course

The main goal of the laboratory is to put the theoretical knowledge acquired in preceding course (DataBase1) into practice, give the opportunities to understand in order to work with relational databases and database applications.

5. Literature

1. Hector Garcia Molina, Jeffrey Ullman, Jenifer Widom., *Systemy Baz Danych*, WNT, Warszawa, 2006
2. P. Beynon – Davies, *Systemy baz danych*, WNT, Warszawa, 2003
3. Iwona Poźniak – Koszałka., *Relacyjne bazy danych w środowisku Sybase*, WPWR, Wrocław, 2004
4. *Technical description of sample DBMS*

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory	30/24	4	2
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Positive grades on assigned laboratory exercises and positive grade of reports concerning written database project

10. Language:

Polish

Punkty ECTS

5

1. Course name

Fundamentals of Computer Graphics

2. Course descriptionLecture

Principles of the computer graphics: raster and vector graphics, 2D and 3D scene generation and visualization, principles of the digital images, examples of some paradoxes, color model definition and description – RGB, HSI, CMYK, graphic datafile formats review (BMP,PCX,TIFF,JPEG)

Image primitives: Lines DDA line drawing algorithm, Bresenham line and circle drawing algorithm, Bezier curves, polygons, B-functions

The chosen algorithms of the computational geometry: polygon clipping, convex hull.

3D and 2D transformations: scaling, rotation and translation. 3D visualization, Creation of 3D images. Algorithms of nonvisual lines and surface shading. Image transformations. Computer animation. Review of typical graphic and visualization software.

Laboratory

Laboratory exercises using POV-Ray or 3D Studio Max). Program Gimp. Program Adobe Photoshop 6.0 CE.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the description of the 2D and 3D display methods in the computer graphics.

Literature

Foley G., *Wprowadzenie do grafiki komputerowej*, WNT Warszawa 1999

Pavlidis T., *Grafika i przetwarzanie obrazów*, WNT, Warszawa 1986

Jankowski M., *Elementy grafiki komputerowej*, WNT, Warszawa 1992

Zabrodzki J. (red.), *Grafika komputerowa, metody i narzędzia*, WNT, Warszawa, 1994

5. Type of course

Obligatory

6. Teaching team

Department of Computer Systems

7. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	4	2
Classes			
Laboratory	30/12	4	2
Project			
Seminar			
Total student's workload			
Lecture	150		

8. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

9. Language:

Polish

ECTS credits

3

1. Course name

Multimedia presentations

2. Course descriptionLecture

Introduction. Form and content of the multimedia presentation. Characteristics of effective presentation. Proper use of pictures, sounds and animations.

Overview of the most popular presentation applications.

Microsoft PowerPoint 2003 PL – introduction to user interface and program configuration.

Project and slide templates, color schemes.

Working with charts, diagrams and tables. Incorporating data from different sources.

Inserting, positioning and sizing graphical objects.

Presentation summary; slides sorting; producing a slide show.

Preparing a presentation for printing and online distribution.

Using sound and animation special effects.

Project

Working with PowerPoint – completing chosen tasks; managing form and content of the presentation, depending on various project concepts and requirements.

3. Prerequisites

None

4. Aim of the course

The main goal of the lecture is the introduction to the concept of presentation techniques, in the aspect of social engineering and computer implementation.

5. Literature

Altman R.B., *Po prostu PowerPoint 2003 PL*, Helion 2004

Łuszczak E., *PowerPoint 2003 wersja polska. Ćwiczenia*, Mikom 2007

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/12	4	2
Classes			
Laboratory			
Project	15/12	4	2
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance

Project (tasks completed in PowerPoint 2003PL) and written test are the conditions of ranking the lecture

10. Language

Polish

Punkty ECTS

4

1. Course name

Object-oriented design and programming 2

2. Course descriptionLecture

Review of the present programming methods, object-oriented programming – basic concepts. UML language – a tool for the object-oriented software construction. Basic concepts of the object-oriented model : case-diagram, class diagram, dynamical and functional model. Presentation of the hypothetical object-oriented computer systems. Software for object-oriented design – StarUML, ObjectIf.

Project

Preparing of the object-oriented project of the chosen computer system using UML language and software. The project can be executed in the group.

3. Prerequisites

Object-oriented design and programming 1

4. Aim of the course

The main goal of the lecture is the introduction to the concept of the object-oriented design using UML language and specialized software tools.

5. Literature

P. Coad, E. Yourdon, *Analiza obiektowa*, Oficyna Wydawnicza READ ME, Warszawa 1994.

P. Coad, E. Yourdon, *Projektowanie obiektowe*, Oficyna Wydawnicza READ ME, Warszawa 1994.

M. Flasiński, *Wstęp do analitycznych metod projektowania systemów informatycznych*, WNT Warszawa 1997.

J. Grębosz, *Symfonia C++ t. III*, Oficyna Wydawnicza Kallimach, Kraków 1996.

5. Type of course

Obligatory

6. Teaching team

Department of Computer Systems

Czas trwania i terminarz

Form	Number of hours	Semester	Year
Lecture	15/12	4	2
Classes			
Laboratory			
Project	30/24	4	2
Seminar			
Total student's workload			
Lecture	120		

7. Conditions of the course acceptance:

Project of object-oriented software is the condition of ranking the lecture

8. Language:

Polish

ECTS credits

2

1. Course name

Operating systems

2. Course descriptionLaboratory

Working with Linux – introduction, review of the shell commands. Exercises with the following programs: find and grep. Exercises with the following programs: talk, telnet, ftp. Input/output devices. Installation and configuration of Linux. Working with vi editor. Shell script programming. C programming (system calls, creating processes, Inter-process communication) – optional. Working in XWindows environment and its configuration.

3. Prerequisites

Programming languages I and II

4. Aim of the course

The main goal of the course is the introduction to the concept of operating systems and their subsystems. The methods used in the each subsystems are illustrated by the real implementations in Linux, Unix or MS Windows NT. During the laboratory classes students learn the Linux system.

5. Literature

1. Silberschatz A., Peterson J.L., Galvin P.B., *Podstawy systemów operacyjnych*, WNT Warszawa 1993
2. Bach M.J., *Budowa systemu operacyjnego UNIX*, WNT, Warszawa 1995
3. Lister A.M., Eager R.D., *Wprowadzenie do systemów operacyjnych*, WNT Warszawa 1994
4. Kerningham B.W., Ritchie D.M., *Język C*, WNT, Warszawa 1988

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory	30/12	4	2
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Grade

10. Language:

Polish

ECTS credits

5

1. Course name

Operating systems

2. Course descriptionLecture

Introduction, structures of the operating systems. Processes concept. CPU scheduling algorithms. Process synchronization - producer-consumer problem, solutions of the critical section problem. The problem of dining philosophers, readers-writers problem, Dijkstra semaphores. Interprocess communication. Process Deadlocks. Necessary and sufficient conditions for a deadlock. Deadlock detection, prevention, avoidance. Operating memory management. Dynamic Linking Library (DLL), Dynamic Loading, Overlays. Contiguous memory allocation. Discrete memory model - paging. Virtual memory. Demand paging. Page replacement and allocation of frames algorithms. Hard disk structure. Device catalogue. Free disk spaces management. Disk scheduling algorithms. File system. File concept, directory structure, file operations. File information access methods. File protection. Protection systems. Goals, domains of protections. Internal structures and functions of the I/O system. Distributed systems. Operating systems - case studies (Unix, Linux, MS Windows NT).

21. Prerequisites

Programming languages I and II

22. Aim of the course

The main goal of the lecture is the introduction to the concept of operating systems and their subsystems. The methods used in the each subsystems are illustrated by the real implementations in Linux, Unix or MS Windows NT.

23. Literature

14. Silberschatz A., Peterson J.L., Galvin P.B., *Podstawy systemów operacyjnych*, WNT Warszawa 1993
15. Bach M.J., *Budowa systemu operacyjnego UNIX*, WNT, Warszawa 1995
16. Lister A.M., Eager R.D., *Wprowadzenie do systemów operacyjnych*, WNT Warszawa 1994
17. Kerningham B.W., Ritchie D.M., *Język C*, WNT, Warszawa 1988

24. Type of course

Obligatory

25. Teaching team

Department of Computer Systems

26. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	150		

27. Conditions of the course acceptance:

laboratory and written exam are the conditions of ranking the lecture

28. Language:

Polish

ECTS credits

3

1. Course name

System Techniques Basics 2

2. Course descriptionProject

Students should make complete project of system. The project parts are: system description, choosing of algorithms and their variants and parameters, computer simulation finally to observe effects of work. Simulation should give possibility to observe used algorithms and chosen parameters effect on system quality. (Examples of being projected systems are: two-state regulation of inertia object, identification of static system, bayes algorithm of recognition..)

3. Prerequisites

System Techniques Basics 1

4. Aim of the course

The aim of course is exercise of practical use of knowledge gained during System Techniques Basics 1 lectures.

5. Literature

1. Gutenbaum J., *Modelowanie matematyczne systemów*, Omnitech Press, Warszawa 1996
2. Kurzyński M., *Rozpoznawanie obiektów*, Oficyna Wydawnicza Politechniki Wrocławskiej, Wrocław 1997
3. Bubnicki Z., *Identyfikacja obiektów sterowania*, PWN, Warszawa 1974
4. Bubnicki Z., *Problemy i algorytmy sterowania*, PWN, Warszawa 2002
5. Kaczorek T., *Teoria sterowania*, PWN, Warszawa 1988
6. Flasiński M., Tadeusiewicz R., *Rozpoznawanie obrazów*, PWN, Warszawa 1992

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project	30/12	4	2
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Positively scored student's project

10. Language:

Polish

ECTS credits

2

1. Course name

Designing and implementing information systems 1

2. Course descriptionLecture

The main goals of course are connected with software project management. Introducing computer systems into the company and its maintaining are described. The client and designer view of project are shown. Problem of creating documentation of tender and agreement of inducing software and hardware solution into the company are presented. Evaluation criteria of proposals are proposed.

Methods of estimating necessary resources are described. Project team designing, role of project manager are mentioned. Methods of quality planning, risk and changes management are described.

3. Prerequisites

none

4. Aim of the course

Computer project management, risk management, project quality planning, teamwork, project cost estimation, project life cycle, project methodology

Abilities: **revising project of software**, designing of project team structure, cost estimating, working out **project of software designing**, risk management, quality planning, creating and managing project documentation and change management

5. Literature

Inżynieria oprogramowania w projekcie informatycznym, red. J. Górski, Mikom 2000

Zarządzanie projektem informatycznym, K. Frączkowski, Wrocław, OWPW 2003

Metodyki zarządzania projektami informatycznymi, Z. Szyjewski, Placet, W-wa 2004

Inżynieria oprogramowania, A. Jaskiewicz, Helion, 1997

Metody wytwarzania oprogramowania, red. Szejko, Mikom

Classical and Object-Oriented Software Engineering, S.R.Schach, 1999

Managing software requirement, D. Leffingwell, D. Widrig, Addison Wesley, 1999

UML Przewodnik użytkownika, Grady Booch & Co, WNT, W-wa 2002

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	5	3
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

6

1. Course name

Designing of the database systems

2. Course descriptionLecture

- Design methodology of the database systems. Lifecycles of the database system.
- Data flow diagrams. CRUD matrix. Conceptual data modelling.
- ERD notation. Relational modelling. Top-down modelling method.
- Architecture desing of the database system.
- User interface design.
- Test design for database system.
- Administration and tuning of the database system.
- A principles of the database system documentation.

Project

Modelling the database system using dedicated DBMS. The main objectives of the project are:

1. Design the relational database schema.
2. Design GUI of the system.
3. Create the documentation of the system.

3. Prerequisites Database system course**4. Aim of the course**

Development the skill of a database design, using CASE environment and waterfall lifecycle.

5. Literature

- [1] Ullman J.D., Widom J., *Podstawowy wykład z teorii systemów baz danych*, WNT, Warszawa, 2002
 [2] Beynon-Davies P., *Systemy baz danych*, WNT, Warszawa 2002
 [3] Date C.J., Darwen H., *SQL - omówienie standardu języka*, WNT, Warszawa, 2001

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	5	3
Classes			
Laboratory			
Project	30/24	5	3
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Lecture: written test;

Project: application with the database, documentation

10. Language:

Polish

ECTS credits

2

1. Course name

Diploma seminar

2. Course descriptionSeminar

Students present selected topics in the research domain.

3. PrerequisitesOnly students of the 5th semester which chose the subject of final thesis can participate in the seminar.**4. Aim of the course**

Developing of the ability the presentation of own results.

5. Literature**6. Type of course**

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	15/12	5	3
Total student's workload	60		

9. Conditions of the course acceptance:

Attendance in classes. Presentation results of the work.

10. Language:

Polish

Punkty ECTS

4

1. Course name

Fundamentals of Computer Graphics 1

2. Course descriptionLecture

Lecture's overview:

- Ray-tracing methods - introduction
- Primary rays and camera' geometry
- Definition of the ray-object intersection
- Definition of the basic 3D shapes: i.e. sphere, cylinder, cone, plane e.t.c.
- Constructive Solid Geometry in ray-tracing
- Object generation based on the mesh triangles
- Binary Space Partitioning
- Texture and color generation
- Phong shading model
- Principles of the image processing methods
- Brightness and contrast modification
- Histogram equalisation
- Linear and non-linear image filtering

Laboratory

Laboratory exercises using POV-Ray or 3D Studio Max). Program Gimp. Program Adobe Photoshop 6.0 CE.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction to the concept of ray-tracing idea. 3D scene visualization, texture generation and chosen methods of the digital image processing

5. Literature

Foley G., *Wprowadzenie do grafiki komputerowej*, WNT Warszawa 1999
 Pavlidis T., *Grafika i przetwarzanie obrazów*, WNT, Warszawa 1986
 Jankowski M., *Elementy grafiki komputerowej*, WNT, Warszawa 1992
 Zabrodzki J. (red.), *Grafika komputerowa, metody i narzędzia*, WNT, Warszawa, 1994
 Busch D., *Fotografia cyfrowa i obróbka obrazu. Wprowadzenie*, Helion, Gliwice 2002
 Kwaśny A., *DTP. Księga eksperta*, Helion, Gliwice 2002
 Słomska B., *Page Maker – od A do Z*, Mikom 2002

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	5	3
Classes			
Laboratory	15/12	5	3
Project			
Seminar			
Total student's workload			
Lecture	120		

9. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

5

1. Course name

Internet database systems

2. Course descriptionLecture

Introduction, The Area of usage of the informational systems in Internet

Internet database system architecture

The typical problems of data updating by HTTP/HTTPS protocols

Comparison of the access methods used in The Internet (CGI, ISAPI, Java, ASP technologies and other)

WAP as an access interface to databases from PDAs and smartphones

Money transfers (credit card transactions) – main approach

SSL – safe and secure data transmission channel. Practical usage in WWW sites.

Software informational system development - tools and languages review

Examples of implementation, area of usage, architecture

Microsoft .NET Platform in web system development – examples. Other platforms review.

Project

Practical usage of available Software Development Systems. Creating a real database system with remote connection via WWW Site.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction to the concept the Internet database systems, the problem of security and authorization in the Internet. During this course the students will acquire practical knowledge about real technologies and tools (.NET Platform) used in the database system development.

5. LiteratureFuglewicz P., Stapor K., Trojnar A., *CASE dla ludzi*, Lupus, Warszawa 1995Flasiński M., *Wstęp do analitycznych metod projektowania systemów informatycznych*, WNT W-wa 1997Niedzielska E., Skwarnik M.[red.], *Projektowanie systemów informatycznych*, PWE, Warszawa 1993Wrycza S., *Projektowanie systemów informatycznych*, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 1997Buyens J., *Bazy danych w Internecie*, Wyd. RM, Warszawa 2002.Eckel B., *Thinking in Java. Edycja polska*, Wydanie 3, Helion, Gliwice 2003.Gracham S. i inni, *JAVA usługi WWW. Vademecum profesjonalisty*, Helion, Gliwice 2003.Grochala M., *JAVA aplikacje bazodanowe*, Helion, Gliwice 200Welling L., Thomson L., *PHP I MySQL. Tworzenie stron WWW*, Helion, Gliwice 2002**6. Type of course**

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	5	3
Classes			
Laboratory			
Project	30/12	5	3
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

Lecture: written test

Project: completion of all selected tasks

10. Language:

Polish

ECTS credits

5

1. Course name

Medical informatics and telemedicine

2. Course descriptionLecture

Introduction, the elements of medical informatics – basic terms, information systems in health care (structures, goals, requirements, tasks, examples), database systems in medicine, structures of medical information systems – rules of construction taking into consideration: clinical requirements, technical requirements (hardware, software), health care message protocols for sending: data, images, voice, biosignals, coding systems in medical informatics (standards and classifications systems), the basics of computer decision systems in medicine, image processing in medicine, internet for HIS, goals, tasks and application of telemedicine, basic terms, telemedicine systems for computer aided diagnosis and therapy, computer analysis of medical data in telemedicine systems, teleconsulting and teleconference in telemedicine systems, standards for transmission and coding systems for medical data, wide area networks for medical information transmission.

Seminar

Presentation of practical realization of telemedicine systems (structure, aims and tasks), telemedicine systems in Poland, hospital information systems, standards in medical informatics, algorithms for processing information in medicine

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction to the practice aspects of medical informatics systems and concept of the telemedicine systems.

5. Literature

1. Nałęcz M. [red], *Problemy Biocybernetyki i Inżynierii Biomedycznej*, tom V Informatyka Medyczna, WKiŁ, Warszawa 2000,
2. *Wymagania Funkcjonalno-Użytkowe Oprogramowania Aplikacyjnego dla ZOZ*. (Ruch Chorych, Apteka, Rachunek Kosztów Leczenia), wyd. MZiOŚ, Biuro Przekształceń Systemowych w Ochronie Zdrowia, Warszawa 1996,
3. *Rejestr Usług Medycznych. Koncepcja Systemu, Specyfikacja Elementów*, wyd. MZiOŚ, Biuro Przekształceń Systemowych w Ochronie Zdrowia, Warszawa 1996,
4. Coiera Enrico, *Guide to Medical Informatics, the Internet and Telemedicine*, Arnold Edi., 1997.
- Kompendium Informatyki Medycznej*, [red] P. Szczepaniak, M. Kurzyński, R. Zajdel, Alfa Medica Press, 2002

6. Type of course

Optional

7. Teaching team

Department of Informatics' Application

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	5	3
Classes			
Laboratory			
Project			
Seminar	30/12	5	3
Total student's workload	150		

9. Conditions of the course acceptance:

Lecture - written test, seminar – paper deliver

10. Language:

Polish

ECTS credits

4

1.Course name

Methods of artificial intelligence 1

2.Course descriptionLecture

Introduction: artificial intelligence, knowledge representation, expert systems, history, examples. Knowledge representation: rule representation of knowledge, semantic nets and decision trees. Knowledge acquisition. Machine learning. Rules generating. Correctness test for knowledge base. Searching methods and strategies. Concluding with probabilistic model. Bayes' decision support systems. Algorithms for complete probabilistic information, Recognition methods. Fuzzy rules. Neural networks: neuron, perceptron, linear networks, back propagation algorithm. Genetic algorithms: classical algorithm and its modifications, practical examples.

Laboratory

Computer realization for methods and algorithms of artificial intelligence. In particular: expert systems, Bayes decision systems, genetic algorithms, fuzzy decision systems.

3.Prerequisites

Mathematics 1, Mathematics 2

4.Aim of the course

The main goal of the lecture is the introduction to the methods and algorithms of artificial intelligence. In particular decision support systems in practical applications are presented

5.Literature

- 1.Kurzyński M., *Rozpoznawanie obiektów - metody statystyczne*, Oficyna Wydawnicza PWr Wrocław 1997
- 2.Mulawka J., *Systemy ekspertowe*, WNT, Warszawa 1996
- 3.Rutkowska D., Rutkowski L., Piliński M., *Sieci neuronowe, algorytmy genetyczne i systemy rozmyte*, PWN, Warszawa 1997
- 4.Rutkowska D., *Inteligentne systemy obliczeniowe*, Akademicka Oficyna Wydawnicza, Warszawa 1997
- 5.Goldberg D., *Algorytmy genetyczne i ich zastosowania*, WNT, Warszawa 1998

6.Type of course

Obligatory

7.Teaching team

Department of Informatics' Application

8.Course structure

Form	Number of hours	Semester	year
Lecture	30/12	5	3
Classes			
Laboratory	30/12	5	3
Project			
Seminar			
Total student's workload	120		

9.Conditions of the course acceptance:

Lecture – oral/written exam, laboratory - credit

10.Language:

Polish

ECTS credits

5

1. Course name

Network information systems

2. Course descriptionLecture

Short history of the computerized information systems' development. Differences between database system and information retrieval system. Characteristic of the network information system. Representation of the user's information needs in network information system. Languages for information retrieval. Consequences of the implementation information systems in the specific type of computer network. Semantic correspondence criterion. Conception of relevance. Retrieval's precision and recall coefficients. The models of information systems. Boolean model. Model of the vector space. Probabilistic information retrieval. Rank of the document in information system answer. Multimedia information systems. Basic problems related with multimedia information retrieval. Different type of the Internet portal. Characteristic of the Internet information systems. Application of the artificial intelligence methods to network information systems. Intelligent user interface for information system. Presentation the methods for evaluation of the network information system's efficiency.

Seminar

Seminar should give the student knowledge that he is the user of many information systems. The level of the student's knowledge depend strongly on his skill in information retrieval using such systems. The questions to the system should represent precisely the user's information needs. This information needs should be expressed using language for information retrieval. Part of the seminar is devoted to communication with information systems and different types of interfaces. Another part is related with multimedia information systems. We discuss about digital library. The problem of the efficiency of network information system is present also.

3. Prerequisites

none

4. Aim of the course

The main goal of the course is familiarize students with generally understood area of information systems. We assumed that the course is not theoretical. Described information systems are implemented in local, municipal or wide area networks. Part of the time is devoted to very important, from user point view, problem of the network information systems' efficiency.

5. Literature

1. Daniłowicz Cz. (red) *„Sieciowe i multimedialne systemy informacyjne”*, Zakład Systemów Informacyjnych, PWR., Wrocław, 1996.
2. Kłopotek M. A., *„Inteligentne wyszukiwarki internetowe”*, Akademicka Oficyna Wydawnicza EXIT, Warszawa 2003.
3. Zeldman J., *„Projektowanie serwisów WWW. Standardy sieciowe”*. Wyd II, Wyd. Helion, 2007
4. Internet portals recommended by the lecturer

6. Type of course

Facultative

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	5	3
Classes			
Laboratory			
Project			
Seminar	30/12	5	3
Total student's workload	150		

9. Conditions of the course acceptance:

Seminar deliver and pass a written test based on the lecture

10. Language:

Polish

ECTS credits

5

1. Course name

Selected Aspects of Computer Networks

2. Course descriptionLecture

Design of local computer networks:

cabling systems,

devices,

Ethernet,

VLAN.

Examples of software and hardware solutions.

Wireless networks.

Advanced methods of network design..

Seminar

A presentation on a subject connected to computer networks.

3. Prerequisites

Computer Networks 1 and Computer Networks 2

4. Aim of the course

The main goal of the lecture is the introduction to the issues of local and wide area networks design.

5. LiteratureKasprzak A., *Rozległe sieci komputerowe z komutacją pakietów*, Oficyna Wydawnicza Politechniki Wrocławskiej, Wrocław, wydanie II, 1999Nunemacher G., *Przewodnik po sieciach lokalnych*, MIKOM, Warszawa, 1996Simmonds A., *Wprowadzenie do transmisji danych*, WkiŁ, Warszawa, 1999Woźniak J., Nowicki K., *Sieci LAN, MAN i WAN – protokoły komunikacyjne*, Wydawnictwo Fundacji Postępu Telekomunikacji, Kraków, 1998K. Nowicki, J. Woźniak, *Przewodowe i bezprzewodowe sieci LAN*, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa 2002.**6. Type of course**

Obligatory

7. Teaching team

Department of Computer Networks

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	5	3
Classes			
Laboratory			
Project			
Seminar	30/24	5	3
Total student's workload	150		

9. Conditions of the course acceptance:

seminar and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

1

1. Course name

Social Communication

2. Course description**Lecture**

The initial concepts and definitions. The basic models of the communication. The barriers of the communication. The mass communication - its features and functions. The basis rules of the mass media The transformations of the media system in Poland after the year 1989. The international communication and its forms. The national stereotypes. The instruments of the international communication (global and satellite television, international radio, the Internet). The main process of the communications in the organization. The interpersonal and collective communication. The main techniques and mechanisms of the commercial, public relations. The creating of the personal image.

3. Prerequisites

none

4. Aim of the course

The main aim of the course is to understand the significant aspects of the communication and the essential issues of the media and cooperation with media as well. The aim of the course is also to introduce the students into the social and international communication and into the vital concerns connected with public relations.

5. Literature

Adamowski J.(red.), *Media w państwie współczesnym*, Warszawa 2001.

Cianciara J., Uścińska B., *Komunikacja społeczna. Komunikowanie się z mediami w praktyce*, Wrocław 1999.

Dobek-Ostrowska B., *Podstawy komunikowania społecznego*, Wrocław 2004.

Dobek-Ostrowska B. (red.), *Współczesne systemy komunikowania*, Wrocław 1998.

Goban-Klas T., *Media i komunikowanie masowe. Teorie i analizy prasy, radia, telewizji i Internetu*, Warszawa-Kraków 2004.

Ociepka B., *Komunikowanie międzynarodowe*, Wrocław 2002.

Oleńdzki J., *Komunikowanie w świecie*, Warszawa 2001.

Rozwadowska B., *Public relations. Teoria. Praktyka. Perspektywy*, Warszawa 2002.

Stankiewicz J. *Komunikowanie się w organizacji*, Wrocław 1999.

6. Type of course

Obligatory

7. Teaching team

The Institute of Politics

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/18	5	3
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Lecture and test

10. Language:

Polish

Punkty ECTS

2

1. Course name

Unix administration

2. Course descriptionLaboratory

Processes of booting and shutting down Unix system. Management of systems services

Text processing tools in Unix system - awk i sed

Command interpreters and scripts

Vi editor

Users login scripts

scheduling commands to be executed periodically (cron)

User management, group management

Security issues, protection mechanisms

Backup (creation and recovery of archives using tar, hierarchical backups, file compression)

Network configuration (network interfaces)

Sharing files and printers – NFS i CUPS, Samba

Installation and configuration of servers WWW, FTP, mail

Installation and configuration of Linux system

3. Prerequisites

Passed course: Operating systems

4. Aim of the course

The goal is for students to get acquainted with administration of GNU/Linux system. Students will create and modify systems configuration files, analyze sample configuration schemes and get familiarized with administration tools used in GNU/Linux and with applications of the system in Local Area Networks

5. Literature

Bach M., The design of the UNIX operating system, Prentice Hall, 1986

Firsch E., Essential System Administration, Third Edition, O'Reilly, 2002

The Linux System Administrators' Guide

Benvenuti C., Understanding linux network internals, O'Reilly, 2005

Harris, Mako Hill, Vyas,. Debian GNU/Linux 3.1 Bible, Wiley 2005

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory	30/12	5	3
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

laboratory – written reports with description of carried out exercises.

10. Language:

Polish

ECTS credits

3

1. Course name

Coding and Cryptography

2. Course descriptionLecture

Introduction. Basic ideas of coding and cryptography.

Theory of algorithms, numbers.

Algebra.

Line codes. Hamming code. Cyclic code. Code BCH. Correction codes.

Application of codes in data transmission.

Symmetric algorithms: DES, IDEA, AES.

Asymmetric algorithms: RSA, LUC.

Hashing algorithms: MD5, SHA.

Distribution of keys.

Application of cryptography in computer networks..

The future of cryptography.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction to the issues of coding, cryptography, security of computer networks.

5. LiteratureStallings W., *Ochrona danych w sieci i internecie w teorii i praktyce*, WNT, Warszawa 1997.Robling Denning D., *Kryptografia i ochrona danych*, WNT, Warszawa 1992.Mochacki W., *Kody korekcyjne i kryptografia*, Wyd. PWr 1997.Kutyłowski M., *Kryptografia*, ReadMe 1999.Topolewski Z., *Analiza i synteza szyfrowania informacji*, Wrocław WSO 1995.**6. Type of course**

Obligatory

7. Teaching team

Department of Computer Networks

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	6	3
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

3

1. Course name

Data warehouses for e-business

2. Course descriptionLecture

Architecture of data warehouse

Why we build the data warehouse systems?

E-business (B2B, B2C, C2C)

Logical model of data warehouse

Lifecycle of data warehouse software

Designing warehouse - what data we need

Designing warehouse - extraction, transformation, load

Seminar

Students are carrying out the own projects of the data warehouse and present during seminars.

3. Prerequisites

none

4. Aim of the course

During the courses the methodology of designing and architecture for typical data warehouse will be presented and we attempt at answer the question "how data warehouse can be use for the decision support systems?" Lifecycle of the data warehouse system will be presented.

5. LiteraturePoe V., Klauer P., Brobst S., *Tworzenie hurtowni danych*, WNT , Warszawa 2000Anderson S., Walker E., *Building a SAS Data Warehouse*, SAS Institute White PaperMcIntyre J., Moorman, King R., Walker E., *Business Intelligence Systems and OLAP*, SAS Institute White PaperSturm J., *Hurtownie danych Microsoft SQL Server 7.0 – Przewodnik techniczny*, Promise, Warszawa 2000.Jarke M., Lenzerini M., *Hurtownie danych – Podstawy organizacji i funkcjonowania*, WSiP, Warszawa 2003.Todman C., *Projektowanie hurtowni danych*, WNT, Warszawa 2003.**6. Type of course**

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	6	3
Classes			
Laboratory			
Project			
Seminar	15/12	6	3
Total student's workload	90		

9. Conditions of the course acceptance:

written test

10. Language:

Polish

ECTS credits

2

1. Course name

Designing and implementing information systems 2

2. Course description**Seminar**

During the seminar students presents chosen elements of project management which are not described during the lecture.

3. Prerequisites

Designing and implementing information systems 1

4. Aim of the course

Students learn practical aspects of software project management.

5. Literature*Inżynieria oprogramowania w projekcie informatycznym*, red. J. Górski, Mikom 2000*Zarządzanie projektem informatycznym*, K. Frączkowski, Wrocław, OWPW 2003*Metodyki zarządzania projektami informatycznymi*, Z. Szyjewski, Placet, W-wa 2004*Inżynieria oprogramowania*, A. Jaskiewicz, Helion, 1997*Metody wytwarzania oprogramowania*, red. Szejko, Mikom*Classical and Object-Oriented Software Engineering*, S.R.Schach, 1999*Managing software requirement*, D. Leffingwell, D. Widrig, Addison Wesley, 1999*UML Przewodnik użytkownika*, Grady Booch & Co, WNT, W-wa 2002**6. Type of course**

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	30/12	6	3
Total student's workload	60		

9. Conditions of the course acceptance:

Attendance in classes. Presentation results of the work.

10. Language:

Polish

ECTS credits

2

1. Course name

Diploma seminar

2. Course descriptionSeminar

Students present selected topics in the research domain.

3. PrerequisitesOnly students of the 6th semester which chose the subject of final thesis can participate in the seminar.**4. Aim of the course**

Developing of the ability the presentation of own results.

5. Literature**6. Type of course**

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	30/24	6	3
Total student's workload	60		

9. Conditions of the course acceptance:

Attendance in classes. Presentation results of the work.

10. Language:

Polish

ECTS credits

6 / 4

1. Course name

Foundation of Computer Simulation

2. Course descriptionLecture

Introduction to computer simulation. Basic terms. Examples. Input-output models of systems. Complex operation models – graph models. Time - cost model to job performing system. Identification as a choosing of the best model. Algorithms. Examples. Static discrete system simulation – optimal decision making. Dynamic discrete system simulation – analysis, decision making. State trajectory. Examples of simulation for selected problems in computer science and computer engineering: choice of efficient configuration of computer network with star topology (minimization of transmission and processing costs), task scheduling in multi-processor system - no constraints case, constrained task scheduling in multi-processor system. Rules for carrying out computer simulation experiments. Experiment design. Presentation of results of simulations. Scheduling. Gantt's Diagram. Using MS Project package.

Laboratory

Familiarizing with examples of simulations found in Internet. Making investigations based on simulations (following procedure: design of experiment, collecting observations, analysis of results, conclusions, working out written report), including: task #1 (in 2-3 persons groups) – investigating influence of selected parameters on efficiency of computer network configuration in star topology (with transmission and processing costs minimization); task #2 (in 2-3 persons groups) – checking own research theses (each member of group = different thesis) for their own problem (found in Internet) using application accepted by teacher. Familiarizing with MS Project package and using this package for performing task #3 (individual) – making Gantt's diagram and finding critical path for the created complex job (accepted by teacher) taking into account assigned requirements: at least two processors, at least the number of ten of the defined operations, parallel performing for some operations, etc. and presenting results in written report

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is giving students some knowledge in computer simulation area including methodological tasks such as creating models, carrying out efficient experiments, solving optimization problems as well as making students familiar with computer tools for simulation on example of MS Project package.

5. Literature

1. Tyszer J. *Symulacja cyfrowa*, WNT, Warszawa 1990
2. *Ćwiczenia z zastosowaniem MS Project*, Wydawnictwo Mikon, Warszawa 2005
3. Guttenbaum J., *Modele matematyczne systemów*, Exit, Warszawa 2003
4. *Podstawy symulacji komputerowej*, Praca zbiorowa, Wyd. Akademia, Kraków 1996
5. Białynicki-Birula I., *Modelowanie rzeczywistości*, Pruszyński 2002
6. Koszałka L., Kurzyński M., *Zbiór zadań i problemów z teorii identyfikacji, eksperymentu i rozpoznawania*, WPWR, Wrocław, 1991.

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	6	3
Classes			
Laboratory	30/12	6	3
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Lecture – passing exam (written test, positive grade on laboratory).

Laboratory – working out assigned tasks (positive grades of three written reports).

10. Language:

Polish

Punkty ECTS

2

1. Course name

Fundamentals of Computer Graphics 2

2. Course descriptionProject

Advanced graphics project must be performed with the application of known tools for the purpose of Internet presentation.

3. Prerequisites

Fundamentals of Computer Graphics 1

4. Aim of the course

The main goal of the course is the introduction to the concept of ray-tracing idea. 3D scene visualization, texture generation and chosen methods of the digital image processing

5. Literature

Foley G., *Wprowadzenie do grafiki komputerowej*, WNT Warszawa 1999

Pavlidis T., *Grafika i przetwarzanie obrazów*, WNT, Warszawa 1986

Jankowski M., *Elementy grafiki komputerowej*, WNT, Warszawa 1992

Zabrodzki J. (red.), *Grafika komputerowa, metody i narzędzia*, WNT, Warszawa, 1994

Busch D., *Fotografia cyfrowa i obróbka obrazu. Wprowadzenie*, Helion, Gliwice 2002

Kwaśny A., *DTP. Księga eksperta*, Helion, Gliwice 2002

Słomska B., *Page Maker – od A do Z*, Mikom 2002

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project	30/12	6	3
Seminar			
Total student's workload			
Lecture	60		

9. Conditions of the course acceptance:

Project

10. Language:

Polish

ECTS credits

5

1. Course name

Operating systems

2. Course descriptionLecture

Introduction. Basic concepts.

History of ISDN.

Logical structure of ISDN.

User of ISDN.

Contacts: U, S, T, R.

Protocols of ISDN.

Signalling of ISDN.

Services of ISDN.

Broadband networks.

Architecture of ATM.

ATM connections.

Cooperation of ATM with other techniques.

Seminar

Presentation of ISDN services provided by telecoms and other aspects of ISDN and ATM according to current literature.

3. Prerequisites

Computer Networks 1, Computer Networks 2

4. Aim of the course

The main goal of the lecture is the introduction to the concept of ISDN and broadband networks..

5. LiteratureBrzeziński K., *Istota sieci ISDN*, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa 1999.Nowicki K., Woźniak J., *Sieci LAN, MAN i WAN - protokoły komunikacyjne*, Wyd. Fundacji Postępu Telekomunikacji, Kraków 1998.Kościelniak D., *ISDN cyfrowe sieci zintegrowane usługowo*, Wyd. Komunikacji i Łączności, Warszawa 1996.Kościelniak D., *Struktura logiczna i sprzętowa sieci ISDN*, Wyd. Fundacji Postępu Telekomunikacji, Kraków 1994.**6. Type of course**

Monographic

7. Teaching team

Department of Computer Networks

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	6	3
Classes			
Laboratory			
Project			
Seminar	30/12	6	3
Total student's workload	150		

9. Conditions of the course acceptance:

seminar and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

2

1.Course name

Methods of artificial intelligence 2

2.Course descriptionSeminar

Oral presentation of papers deal with artificial intelligence methods in practical application. Especially in technology and medicine.

3.Prerequisites

Methods of artificial intelligence 1

4.Aim of the course

The main goal of the lecture is the introduction to the methods and algorithms of artificial intelligence. In particular decision support systems in practical applications are presented

5.Literature

- 1.Kurzyński M., *Rozpoznawanie obiektów - metody statystyczne*, Oficyna Wydawnicza PWr Wrocław 1997
- 2.Mulawka J., *Systemy ekspertowe*, WNT, Warszawa 1996
- 3.Rutkowska D., Rutkowski L., Piliński M., *Sieci neuronowe, algorytmy genetyczne i systemy rozmyte*, PWN, Warszawa 1997
- 4.Rutkowska D., *Inteligentne systemy obliczeniowe*, Akademicka Oficyna Wydawnicza, Warszawa 1997
- 5.Goldberg D., *Algorytmy genetyczne i ich zastosowania*, WNT, Warszawa 1998

6.Type of course

Obligatory

7.Teaching team

Department of Informatics' Application

8.Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	30/12	6	3
Total student's workload	60		

9.Conditions of the course acceptance:

seminar – paper deliver

10.Language:

Polish

ECTS credits

5

1. Course name

Modern Computer Architectures

2. Course descriptionLecture

Basics of computer architecture understanding. UMA vs NUMA architecture, examples of systems. CISC and RISC processors. Techniques of processing accelerating : pipelining, branch prediction, out-of-order execution. Techniques of hardware multiprocess execution acceleration: register file, hyper threading, multicore processors, multiprocessor systems. Cluster systems and massive computing. Aspects of system memory levels: RAM, cache, virtual memory, permanent storage. Special architectures aspects. Embedded systems, real time systems, mobile systems and UMPCs. Supercomputer architectures and special technologies. Experimental technologies.

Seminar

During seminar students should make presentation of collected detailed materials about implementation of various technologies in commercial systems or laboratory and experimental systems like biocomputers, quantum and dataflow systems.

3. Prerequisites

none

4. Aim of the course

The aim of course is presentation of wide structural and technological solutions of modern computer architectures .

5. Literature

Materials, datasheets and whitepapers of computer systems, processors and electronics manufacturers.

6. Type of course

Optional

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	6	3
Classes			
Laboratory			
Project			
Seminar	30/12	6	3
Total student's workload	150		

9. Conditions of the course acceptance:

written test and right seminar presentation are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

5

1. Course name

Modern Databases

2. Course descriptionLecture

The course provides knowledge on new technologies, standards and tools using in information systems area. Data warehousing concepts, tools and technologies as well as OLAP and datamining are considered. Some problems in area distributed and object oriented Databases are also presented.

Categories of information systems

Multi-tiered client-server architecture

Distributed Databases

Olap and Data Warehouses

Expert systems

Object databases

XML and Web Data,

Security and Electronic Commerce

Seminar

During seminar applications of new techniques to solving problems in the selected fields are presented and discussed.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is presentation new technologies, standards, enhanced functionality of modern information systems based on databases.

5. Literature

- ✓ Muller R. *Bazy Danych - język UML w modelowaniu danych*, MIKOM, Warszawa, 2000
- ✓ Henderson K., *Bazy danych w architekturze Klient/Serwer*, ROBOMATIC, Warszawa, 1998
- ✓ Martin J., Odell J., *Podstawy metod obiektowych*, WNT, Warszawa, 1997
- ✓ Poe V., *Building a Data Warehouse for Decision Support*, Prentice Hall, 1994
- ✓ Mowbray T, Zahavi R., *The Essential CORBA Systems Integration Using Distributed Objects*, Wyd. Jonh Wiley & Sons, New York, 1995.
- ✓ *Scientific papers, conference proceedings*

6. Type of course

Elective

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	6	3
Classes			
Laboratory			
Project			
Seminar	30/12	6	3
Total student's workload	150		

9. Conditions of the course acceptance:**10. Language:**

Polish

ECTS credits

2

1. Course name

Novell NetWare administration

2. Course descriptionLaboratory

Introduction to structure of the network operating system.

NDS base (NetWare Directory Services) structure, NDS objects and their relations, creating and deleting objects.

Object features, rights and restrictions.

Planning and designing NDS.

Partitions – types, application, creating and deleting.

Basics of server administration

SET type parameters

Services enabling/disabling

Selected services configuration

3. Prerequisites

Operating systems (lecture)

4. Aim of the course

The main goal of the laboratory is the introduction to the concept of the Novell NetWare as a network operating system.

Students acquire basic knowledge of system administrator practice.

LiteratureMoncur M., Chellis J., *IntranetWare - podręcznik administratora CNA systemu*, Exit, Warszawa 1997.Albera J., *Novell NetWare 6. Ćwiczenia praktyczne. Użytkownik*, Helion, Gliwice 2002Moncur M., *NetWare 4.11 i IntranetWare*, Exit, Warszawa 1997.Lindberg K.J.P., Harris J.L., *Novell NetWare 6. Księga eksperta*, Helion, Gliwice 2002Gaskin J.E., *NetWare 5*, Exit, Warszawa. 1998Filocha M., *Novell NetWare 5*, Mikom 2002Allcot N., *Projektowanie struktury Active Directory*, Helion, Gliwice 2003**5. Type of course**

Obligatory

6. Teaching team

Department of Computer Systems

7. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory	30/24	6	3
Project			
Seminar			
Total student's workload	60		

8. Conditions of the course acceptance:

Performing and passing laboratory tasks (condition of ranking the lab)

9. Language:

Polish

ECTS credits

3

1. Course name

Wide Area Networks

2. Course descriptionSeminar

Presentation of current problems of wide area networks. Examples of subjects: HDLC i LAP-B, X.25, X.121, X.3, X.28, X.29, Frame Relay, TCP/IP, ATM, Access control method, routing protocols, design of capacity and topology, ISDN.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction to the concept of design, building and using of computer wide area networks taking into account such issues like protocols.

5. Literature

16. Papers and instructions of network hardware and software producers

17. NetWorld

18. Internet

6. Type of course

Obligatory

7. Teaching team

Department of Computer Networks

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	30/24	6	3
Total student's workload	90		

9. Conditions of the course acceptance:

seminar

10. Language:

Polish

ECTS credits

2

1. Course name

Windows NT administration

2. Course descriptionLaboratory

Introduction. The history of Windows system development - Windows NT/2000/2003 Server

Active Directory in Windows 2000 and 2003 systems
group and user accounts,

File system – NTFS (4.0 and 5.0)

Implementing Printing, DNS, DHCP

Managing Group Policy

3. Prerequisites Operating systems

4. Aim of the course Presentation of family of network operation systems Microsoft Windows NT, Windows 2000 and 2003 Server. Preparation for administration 200X system. Simulation exercises of typical problems and system Windows 200X administrator task.

5. Literature

MCSE Training Kit - Microsoft Windows 2000 Server - Podręcznik do egzaminu MCSE 70-215, Promise, Warszawa 2001.

MCSE Training Kit – Usługi katalogowe dla systemu Windows 2000 - Podręcznik do egzaminu MCSE 70-217, Promise, Warszawa 2001.

Hadfield L., Hatter D., Bixler D., *Windows NT4 server - Skuteczna ochrona systemu*, Robomatic 1998r.

Heywood D., *Windows NT4 Server - vademecum profesjonalisty*, Helion, Gliwice 1999.

Nielsen M., *Windows 2000 Server – architektura i implementacja*, Helion, Gliwice 2002.

Taylor P., *Windows NT4 server - Czarna księga administratora*, Helion 1997.

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory	30/24	6	3
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance

Execution of laboratory exercise.

10. Language

Polish

ECTS credits

3

1. Course name

Computer systems and networks design

2. Course description**Project**

Project should be the complete solution based on the user requirements analysis.

Proposed solution should comprise adequate concept of

- computer network architecture
- network operating system and its basic configuration
- user workplaces

Project covers such items as network topology choice, transmission media, sever(s) hardware configuration for proposed operating system, security, back up system, uninterruptable power supply, network printers and other peripherals. Workplaces hardware and softwae should be designed properly for their destination.

3. Prerequisites

Credit for the courses: Computer networks, Computer architecture

4. Aim of the course

The main goal of the project is to acquire the knowledge of designing the large, complex computer systems and practice abilities in the configuring issues.

LiteratureRosch W.L., *Biblia o multimediach*, Intersoftland, Warszawa 1997Beynon – Davies P., *Inżynieria systemów informacyjnych*, WNT, Warszawa, 1998Adamczewski P., *Wdrożeniowe uwarunkowania zintegrowanych systemów informatycznych*, Akad. Of. Wyd.PLJ, Warszawa 1999Yourdon E., *Marsz ku kłesce. Przewodnik projektanta systemów*, WNT, Warszawa 1999.Gast M.S., *802.11. Sieci bezprzewodowe. Przewodnik encyklopedyczny*, Helion, Gliwice 2003.Zieliński B., *Bezprzewodowe sieci komputerowe*, Helion, Gliwice 2000Kościelniak D., *ISDN – cyfrowe sieci zintegrowane usługowo*, WKŁ, Warszawa 1996.Kasprzak A., *Projektowanie struktur rozległych sieci komputerowych*, Oficyna Wydawnicza PWr, Wrocław 2001.**5. Type of course**

Obligatory

6. Teaching team

Department of Computer Systems

7. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project	30/24	7	4
Seminar			
Total student's workload	90		

8. Conditions of the course acceptance:

Project performing

9. Language:

Polish

ECTS credits

2

1. Course name

Diploma seminar

2. Course descriptionSeminar

Students present selected topics in the research domain.

3. PrerequisitesOnly students of the 7th semester which chose the subject of final thesis can participate in the seminar.**4. Aim of the course**

Developing of the ability the presentation of own results.

5. Literature**6. Type of course**

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	30/24	7	4
Total student's workload	60		

9. Conditions of the course acceptance:

Attendance in classes. Presentation results of the work.

10. Language:

Polish

ECTS credits

3

1. Course name

Team project

2. Course descriptionProject

The main goals of course are practical exercises connected with software project management for the chosen firm. The software for any enterprise will be designed in chosen project life cycle. Additional project of computer network and necessary hardware may be done. Each project will have to be conducted by team consists of 6-8 persons. The Project team will have to present the complete documentation (analysis and design of objectives, technical documentation, project of risk management, quality planning, cost estimation and project schedule). For necessary human resources and time estimation Gantt's diagrams or PERT nets can be used. The project team can use another method like COCOMO or FPA.

The project schedule will have to do in the any software tools like MS Project or any other freeware or shareware supporting work of project manager.

Each Project team will choose the Project manager which will be responsible for coordination of team work. Four stages of project design (analysis of objectives, risk identification and management, quality planning and project's schedule) will be presented during the seminars.

3. Prerequisites

none

4. Aim of the course

Computer project management, risk management, project quality planning, teamwork, project cost estimation

Abilities: designing software according structural or object approach, revising project of software, designing of project team structure, cost estimating, working out project of software designing, risk management, quality planning, creating and managing project documentation and change management

5. Literature

Flasiński M., (1997), *Wstęp do analitycznych metod projektowania*, WNT Warszawa 1997

Adamczewski P., *Wdrożeniowe uwarunkowania zintegrowanych systemów informatycznych*, Akad. Of. Wyd.PLJ, Warszawa 1999

Yourdon E., *Marsz ku kłęsce. Przewodnik projektanta systemów*, WNT, Warszawa 1999.

Frączkowski K., *Zarządzanie projektem informatycznym*, Oficyna Polit.Wr., Wrocław 2003.

Szyjewski Z., *Zarządzanie projektami informatycznymi. Metodyka tworzenia systemów informatycznych*, Placet, Warszawa 2001.

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project	30/24	7	4
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

6

1.Course name

The basics of neural computations

2.Course descriptionLecture

Introduction, structures of neural networks – review, review of neural networks learning, layered neural nets, learning of layered neural nets, optimal structures of layered neural networks, optimal choice of learning data, application of neural nets to the pattern recognition problems, layered neural networks for time function interpolation, dynamic objects identification and the neural nets, neural nets for the data compression tasks, the elements of recurring neural computation, the Hopfield's neural networks - theory and practice, self-organizing nets - rule of Hebb, application of self-organizing nets,

Seminar

The aim of course is a paper deliver on neural network for selected practical application

3.Prerequisites

none

4.Aim of the course

The main goal of the lecture is the introduction to the neural networks, in particular their practical applications

5.Literature

- 1.Herz J.,Krogh A., Palmer R., *Wstęp do teorii obliczeń neuronowych*, WNT, Warszawa, 1995,
- 2.Osowski S., *Sieci neuronowe*, WNT, Warszawa 1996,
- 3.Tadeusiewicz R., *Sieci neuronowe*, Akademicka Oficyna Wydawnicza, Warszawa 1993

6.Type of course

Optional

7.Teaching team

Department of Informatics' Application

8.Course structure

Form	Number of hours	Semester	year
Lecture	30/24	7	4
Classes			
Laboratory			
Project			
Seminar	30/12	7	4
Total student's workload	180		

9.Conditions of the course acceptance:

Lecture - written test, seminar – paper deliver

10.Language:

Polish

ECTS credits

6

1.Course name

Theory and practice of genetic algorithms

2.Course descriptionLecture

Introduction. Genetic algorithms: basic definitions, advantages and disadvantages. Structure of genetic algorithms. Task's coding. Examples of genetic algorithm practical applications. Computer implementation. Modification of classic genetic algorithm. Genetic algorithm for optimization tasks: practical examples. Evolutionary algorithms: coding, practical applications.

Seminar

The aim of course is a paper deliver on genetic algorithms for selected practical application

3.Prerequisites

none

4.Aim of the course

The main goal of the lecture is the introduction to the genetic algorithms. Especially practical applications of genetic algorithms for optimization are presented

5.Literature

1. Mitsuo G., Cheng R., *Genetic Algorithms and Engineering Design*, Wiley & Sons, New York, 1997,
2. Goldberg D., *Algorytmy genetyczne i ich zastosowania*, WNT, 1998,
3. Rutkowska D., Piliński M., Rutkowski L., *Sieci neuronowe, algorytmy genetyczne i systemy rozmyte*, Wydawnictwo Naukowe PWN, 1997.

6.Type of course

Optional

7.Teaching team

Department of Informatics' Application

8.Course structure

Form	Number of hours	Semester	year
Lecture	30/24	7	4
Classes			
Laboratory			
Project			
Seminar	30/12	7	4
Total student's workload	180		

9.Conditions of the course acceptance:

Lecture - written test, seminar – paper deliver

10.Language:

Polish

Pedagogy

Social Work Specialization

The goal of the specialization – the social work, is to prepare graduates to fulfill the function of social worker in social service system and social worker mainly in institutions subordinated to local government (social welfare, family aid, welfare-educational institution) and in non-government institutions. These social workers should possess indispensable skills to be able to identify social needs of people, families and social groups, clumsy, uncapable to work, handicapped and sick people. The selection of content and teaching forms is oriented to deliver graduates a combination of practical skills connected with organizing of social need in individual and group dimension which allows more fulfilled and independent existence in the society. It will also deliver graduates skills connected with monitoring and conducting of counseling in social needs, carrying out educational-rehabilitative and prophylactic tasks towards charges. The graduates will possess indispensable knowledge within the scope of family and welfare law, labor law and social insurance, functioning of social services and employment offices. They will also possess:

- 1) pedagogical skills- providing with counseling and applying of sociotherapy elements, formulating of social diagnosis and aid plan, applying of methods and techniques of social work;
- 2) social skills- establishing of contact, showing of kindly interest, warmth and empathy, conducting of mediation and negotiation, appearing on public forum, activating of local communities;
- 3) skills in applying law in social practice- using of law regulations, making of documents analysis and proper interpretation of regulations;
- 4) skills in area of social animation- creative resolving of social problems, work organization, leading groups of people, initializing and co-fulfilling of social programmers, creating of human attitude and relations, gaining of funds for realization of social aid goals
- 5) skills in reflection about social reality

Tutulary pedagogic with health promotion specialization

The goal of the tutulary pedagogic with health promotion specialization is to prepare specialists to take up an educational work (educative, tutulary and compensative) with children and youth who are permanently or currently deprived of parental care or who are coming from environments which are educationally inefficient. Expanding the competencies of a graduate with health promotion, we ensure one the possibility of undertaking educational activities in the area of health education and health promotion considering the charges, wards and their families as well as different social groups on local and regional level. It is connected with broadening of earning and hiring possibilities. The graduate with bachelor degree will give evidence of wide pedagogical competencies in the area of:

1) knowledge of proper development conditions of children and youth and factors which have an influence on this development which will help to undertake preventive activities and health promotion;

2) knowledge of diagnosing methods of children and family's tutelary needs and working methods in tutorial, tutorial-therapeutic and tutorial-educative institutions.

Will possess:

1) skills essential in care, education and therapy of people affected with protracted disease and other health and development's disorders;

2) therapeutic skills needed in the process of rehabilitation of ill people and affected with different kind of disfunctionalities;

3) skills of conducting the addiction prophylaxis, constructing and implementing of health care programme prophylaxis and health promotion as well as skills of conducting the intervention in the critical situations. Obtained skills of project developing, educational and prophylaxis programmes in the local environment will allow the graduates an efficient search of necessary means for their realization.

The free integrated education with English specialization

The silhouette of the graduate:

The graduate of professional studies on the direction the Pedagogics (the speciality the pre-school Education and free education with English) receives the professional title *licencjata* of the pedagogics and the authorization to the instruction of English in the nursery school and classes And-III the primary school. Should show his papers with the acquaintance of English close to the acquaintance of the mother tongue, that is on level {up to the mark} proficiencies C1 of the European System of the Description of the Lingual Education of the Advice {Committee} of Europe. He possesses not only the row of perfectly mastered communication skills - such as speaking, the writing, whether the translation in English - but also the basic knowledge on the subject cultures of United States and Great Britain which he can use in the didactic process {trial}. As the future {came} educator, the teacher and the educator the graduate EPiW possesses also the broad knowledge pedagogical, sociological and psychological indispensable to the understanding the social-cultural context of the lingual education and to the construction of the own professional development. He should also master practical skills within the range enrichments and improvements of her own knowledge and the competence of the within the range practical didactic activity and the creation of the own methodical workshop. Studies are so a base to the conquest of the reliable occupational training, the development {deployment} of the skill of the reflective look on the own professional part and deepened understanding of the educational reality. The graduate of this speciality can therefore find employment not only as the teacher of English and the educator, but also as the animator of the culture and the translator {translate}.

Major: Pedagogy**Specialization: Social work,****Recruitment: 2009****Full time****Year I**

No.	Name of subject	Number	Semester 1					ECTS	Semester 2					ECTS	Form of credit
		of hours	lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	The basis of ergonomy, safety and hygiene in work	10	10					1							Grade
2	Biomedical basis of development and education	60							30	30				3	Grade
Basic subjects															
3	Introduction to general philosophy	45	15	30				5							Exam (1)
4	Introduction to general sociology	45	30	15				5							Exam (1)
5	Introducton to general psychology	45	30	15				5							Exam (1)
6	Introducton to general pedagogy	30	15	15				7							Grade
7	Sociology of education	45							30	15				4	Grade
8	Pedagogical systems and notion	45							30	15				7	Exam (2)
Main subjects															
9	History of education	60	30	30				7							Egzam (1)
10	Theory of upbringing	60							30	30				6	Exam (2)
11	Social pedagogy	60							30	30				6	Exam (2)
12	Vocational counselling	30							15	15				1	Grade
13	Basis of logopedic	15								15				1	Grade
14	Practice	160										160		2	Grade
Total number of hours:		710	130	105	0	0	0		165	150	0	160	0		
Total number of hours/ETCS:							30							30	
Total number of hours per semester (year):		710	235						315						

Industrial Safety – I semester 4h**Library training - I semester 4h**

Major: Pedagogy

Specialization: Social work,

Recruitment: 2009

Full time

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Information technology	30							30					2	Grade
2	Foreign language	60		30				1		30				1	Grade
3	Physical education	60		30				1		30				1	Grade
Basic subjects															
4	Ethics	30	15	15				7							Exam (3)
Main subjects															
5	Theory of education	30	15	15				4							Exam (3)
6	Deaf pedagogy	30	15	15				3							Grade
7	Care pedagogy	45	30	15				4							Exam (3)
8	Clinical psychology	45	30	15				4							Exam (3)
9	Research methods in the social science	30	15	15				3							Grade
10	Special pedagogy	30	15	15				2							Grade
11	Facultative lecture	15	15					1							Grade
Total number of hours: ECTS		405	150	165	0	0	0	30	0	90	0	0	0	4	
Subjects for speciality															
1	Adult education (andragogy)	45							30	15				3	Exam (4)
2	Pedagogy of work	15								15				2	Grade
3	Axiology of social work	15							15					2	Grade
4	Training of interpersonal communication	15							15					2	Grade
5	Methods of pedagogical research	30								30				3	Grade
6	The law regulated by social assistance in Poland -insurance form citizen and foreingners	15							15					3	Exam (4)
7	The theoretical basis of social work	30							15	15				3	Exam (4)
8	Sociotheraphy	30								30				2	Grade
9	Basic Problems of Human Biopsyhic Development Life Cycle	30							30					2	Grade
10	Diploma Seminar	15								15				2	Grade
11	Practice	120										120		2	
Total number of hours:		360	0	0	0	0	0	0	120	120	0	120	0	26	
Total number of hours / ECTS:			150	165	0	0	0	30	120	210	0	120	0	30	
Total number hours per semester (year)		765	315						450						

Major: Pedagogy
Specialization: Social work,
Recruitment: 2009

Full time

Year III

No.	Name of subject	Number of hours	Semestr 5					ECTS	Semester 6					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Information technology	30		30				1							Grade	
Main subjects																
2	The media in education	45							30	15				6	Egzam (6)	
Total number of hours: ECTS		75	0	30	0	0	0	1	30	15	0	0	0	6		
Subjects for speciality																
1	Family pedagogy	30	15	15				4							Egzam (5)	
2	Special pedagogy	45	30	15				5							Egzam (5)	
3	Care pedagogy	30	15	15				4							Egzam (5)	
4	Rehabilitative pedagogy	30	15	15				2							Grade	
5	The diagnosis and the pedagogic therapy	45	15	30				3							Grade	
6	Social assistance system for disabled persons in Poland	30							30					4	Grade	
7	The social work in the local community	30								30				5	Grade	
8	The diagnosis and the planning on the job social	30								30				5	Grade	
9	The organization of the social assistance	30	15	15				2							Grade	
10	The self-government and provincial government	30	15	15				1							Grade	
11	Elements of the social right {law}	45							30	15				5	Egzam (6)	
12	Bases of the administrative law	30	15	15				1							Grade	
13	Programs and structural funds	30	15	15				1							Grade	
14	The racing -educational labour methodology	30		30				3							Grade	
15	Facultative lecture	30							30					2	Grade	
16	Diploma seminar	60		30				3		30				3	Grade	
Total number of hours:		555	150	210	0	0	0	29	90	105	0	0	0	24		
Total number of hours / ECTS:			150	240	0	0	0	30	120	120	0	0	0	30		
Total number hours per semester (year)		630	390						240							

Major: Pedagogy
Specialization: Social work,
Recruitment: 2009

Non-stationary

Year I

No.	Name of subject	Number	Semester 1					ECTS	Semester 2					ECTS	Form of credit
		of hours	lc	c	l	lb	s		lc	c	l	lb	s		
Subjects of general education															
1	The basis of ergonomy, safety and hygiene in work	10	10					1							Grade
2	Biomedical basis of development and education	60							30	30				3	Grade
Basic subjects															
3	Introducton to general philosophy	45	15	30				5							Exam (1)
4	Introduction to general sociology	45	30	15				5							Exam (1)
5	Introducton to general psychology	45	30	15				5							Exam (1)
6	Introducton to general pedagogy	30	15	15				7							Grade
7	Sociology of education	45							30	15				4	Grade
8	Pedagogical systems and notion	45							30	15				7	Exam (2)
Main subjects															
9	History of education	60	30	30				7							Egzam (1)
10	Theory of upbringing	60							30	30				6	Exam (2)
11	Social pedagogy	60							30	30				6	Exam (2)
12	Vocational counselling	18							10	8				1	Grade
13	Basis of logopedic	8								8				1	Grade
14	Practice	160										160		2	Grade
Total number of hours:		691	130	105	0	0	0		160	136	0	160	0		
	Total number of hours/ECTS:														
Total number of hours per semester (year):		691	235					30	456					30	

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Pedagogy
Specialization: Social work,
Recruitment: 2009

Non-stationary

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Przedmioty kształcenia ogólnego															
1	Information technology	30								30				2	Grade
2	Foreign language	60		30				1		30				1	Grade
3	Physical education	60		30				1		30				1	Grade
Przedmioty podstawowe															
4	Ethics	30	15	15				7							Exam (3)
Main subjects															
5	Theory of education	30	15	15				4							Egzam (3)
6	Deaf pedagogy	18	10	8				3							Grade
7	Care pedagogy	28	18	10				4							Exam (3)
8	Clinical psychology	28	18	10				4							Exam (3)
9	Research methods in the social science	18	10	8				3							Grade
10	Special pedagogy	18	10	8				2							Grade
11	Facultative lecture	10	10					1							Grade
Razem liczba godzin wspólnych/ECTS:		330	106	134	0	0	0	30	0	90	0	0	0	4	
Przedmioty specjalnościowe															
1	Adult education (andragogy)	28							18	10				3	Exam (4)
2	Pedagogic of work	10								10				2	Grade
3	Axiology of social work	12							12					2	Grade
4	Social kommunikation	12							12					2	Grade
5	Methods of pedagogical research	18								18				3	Grade
6	The law regulated by social assistance in Poland -insurance form citizen and foreingners	12							12					3	Exam (4)
7	The theoretal basis of social work	24							12	12				3	Exam (4)
8	Sociotheraphy	18								18				2	Grade
9	Basic Problems of Human Biopsychic Development Life Cycle	24							24					2	Grade
10	Diploma Seminar	10								10				2	Grade
11	Practice	120										120		2	
Total number of hours:		288	0	0	0	0	0	0	90	78	0	120	0	26	
Total number of hours / ECTS:			106	134	0	0	0	30	90	168	0	120	0	30	
Total number hours per semester (year)		618	240						378						

Major: Pedagogy
Specialization: Social work,
Recruitment: 2009

Non-stationary

Year III

No.	Name of subject	Number of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Information technology	24		24				1								Grade
Main subjects																
1	The media in education	36							24	12					6	Exam (6)
Total number of hours: ECTS		60	0	24	0	0	0	1	24	12	0	0	0	6		
Subjects for speciality																
1	Family pedagogy	24	12	12				4								Exam (5)
2	Special pedagogy	36	24	12				5								Exam (5)
3	Care pedagogy	24	12	12				4								Exam (5)
4	Rehabilitative pedagogy	24	12	12				2								Grade
5	The diagnosis and the pedagogic therapy	36	12	24				3								Grade
6	Social assistance system for disabled persons in Poland	24							24						4	Grade
7	The social work in the local community	24								24					5	Grade
8	The diagnosis and the planning on the job social	24								24					5	Grade
9	The organization of the social assistance	24	12	12				2								Grade
10	The self-government and provincial government	24	12	12				1								Grade
11	Elements of the social right {law}	36							24	12					5	Exam (6)
12	Bases of the administrative law	24	12	12				1								Grade
13	Programs and structural funds	24	12	12				1								Grade
14	The racing -educational labour methodology	24		24				3								Grade
15	Facultative lecture	24							24						2	Grade
16	Diploma seminar	48		24				3		24					3	Grade
Total number of hours:		444	120	168	0	0	0	29	72	84	0	0	0	24		
Total number of hours / ECTS:			120	192	0	0	0	30	96	96	0	0	0	30		
Total number hours per semester (year)		504	312						192							

Major: Pedagogy
Specialization: Social work,
Recruitment: 2008

Full time

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form of
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	credit			
General subjects																	
1	Industrial property protection	10	10					1								credit	
2	Biomedical Basis of Development and Education	30							15	15					3	credit	
Core/ basic subjects																	
3	Introduction to general philosophy	45	15	30				5								exam	
4	Introduction to general sociology	45	30	15				6								exam	
5	Introduction to general psychology	45	30	15				6								exam	
6	Psychology of human development and personatity	30	15	15				4								credit	
7	Introduction to general pedagogy	45							30	15					3	credit	
8	Sociology of education	45							30	15					5	exam	
9	Pedagogical systems and notion	30							30	15					6	exam	
Directional Subjects																	
10	History of education	60	30	30				4								exam	
11	Theory of upbringing	60							30	30					3	exam	
12	Social pedagogy	60							30	30					3	exam	
13	Vocational counselling	30							15	15					2	credit	
14	Prophylaxis and tepaphy of addictions	15								15					1	credit	
15	Social communication	30	15	15				2								credit	
16	Resocialization pedagogy	30							15	15					1	credit	
17	Basis of logopedic	15								15					1	credit	
18	Special Education	30		30				1								credit	
19	Facultative lecture	30	30					1								credit	
20	Practice	200							200					2	credit		
Overall hours in semester/year:		670	325					30	345					30			

Industrial Safety – I semester 4h
Library training - I semester 4h

Major: Pedagogy
Specialization: Social work,
Recruitment: 2008

Full time

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
General subjects																
1	Applications of information technology	30								30					2	credit
2	Foreign language	60		30				1		30					1	credit
3	Physical education	60		30				1		30					1	credit
Core/basic subjects																
4	Ethics	30	15	15				7								exam
Directional Subjects																
5	Theory of education	30	15	15				4								exam
6	Deaf pedagogy	30	15	15				3								credit
7	Care pedagogy	45	30	15				4								exam
8	Clinical psychology	45	30	15				4								exam
9	Research methods in the social science	30	15	15				3								credit
10	Training of interpersonal communication	30	15	15				2								credit
11	Facultative lecture	15	15					1								credit
Subjects of speciality																
1	Adult education (andragogy)	45							30	15					6	exam
2	Pedagogy of work	15								15					1	credit
3	Methods of the social work	30								30					2	credit
4	Methods of pedagogical research	30								30					2	credit
5	Logics	30							15	15					2	credit
6	Degree Seminar	15								15					2	credit
7	Media in education	30							15	15					6	exam
8	Facultative course	30							15	15					2	credit
9	Sociotherapy	30								30					1	credit
10	Practice	200							200						2	credit
Overall hours/ECTS			150	165	0	0	0	30	75	270	0	0	0	30		
Overall hours in semester/year:		660	315						345							

Major: Pedagogy
 Specialization: Social work,
 Recruitment: 2008

Full time

Year III

No.	Name of subject	Number Of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
General subjects															
1	Foreign language	60		30				1		30				2	Credit, exam
Subjects of speciality															
2	Basis of social law	45							30	15				5	exam
3	Methodsof upbringing and care work	30								30				3	credit
4	Educational counselling	30		30				4							credit
5	Pedagogy of family	30	15	15				5							exam
6	Diagnosis in social work	30								30				2	credit
7	Gerontology	30	15	15				4							exam
8	Social Psychology	30	15	15				5							exam
9	Social work in local government	30								30				2	credit
10	Basis of family law	30	15	15				3							credit
11	Degree seminar	60		30				2		30				2	credit
12	Health promotion	30							30					2	credit
13	Social policy of government	45	30	15				6						6	credit
14	Diploma paper													10	exam
Overall hours/ECTS:			90	165	0	0	0	30	60	165	0	0	0	30	
Overall hours in semester/year		480	255						225						

Major: Pedagogy
Specialization: Social work,
Recruitment: 2008

Non-stationary

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form of
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	credit			
General subjects																	
1	Industrial property protection	10	10					1								credit	
2	Biomedical Basis of Development and Education	30							15	15					3	credit	
Core/ basic subjects																	
3	Introduction to general philosophy	45	15	30				5								exam	
4	Introduction to general sociology	45	30	15				6								exam	
5	Introduction to general psychology	45	30	15				6								exam	
6	Introduction to general pedagogy	30	15	15				4								credit	
7	Psychology of human development and personatity	45							30	15					5	exam	
8	Sociology of education	45							30	15					3	credit	
9	Pedagogical systems and notion	45							30	15					6	exam	
Directional Subjects																	
10	History of education	60	30	30				4								exam	
11	Theory of upbringing	60							30	30					3	exam	
12	Social pedagogy	45							30	15					3	exam	
13	Vocational counselling	18							10	8					2	credit	
14	Prophylaxis and tepaphy of addictions	8								8					1	credit	
15	Social communication	18	10	8				2								credit	
16	Resocialization pedagogy	18							10	8					1	credit	
17	Basis of logopedic	8								8					1	credit	
18	Special Education	18		18				1								credit	
19	Facultative lecture	18	18					1								credit	
20	Practice	200							200						2	credit	
	Overall hours/ECTS:		158	131					170	122							
Overall hours in semester/year /ECTS:		581	289					30	292					30			

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Pedagogy
Specialization: Social work,
Recruitment: 2008

Non-stationary

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
General subjects																
1	Applications of information technology	30								30					2	credit
2	Foreign language	60		30				1		30					1	credit
3	Physical education	60		30				1		30					1	credit
Core/ basic subjects																
4	Ethics	30	15	15				7								exam
Directional Subjects																
5	Theory of education	30	15	15				4								exam
6	Deaf pedagogy	18	10	8				3								credit
7	Care pedagogy	28	18	10				4								exam
8	Clinical psychology	28	18	10				4								exam
9	Research methods in the social science	18	10	8				3								credit
10	Training of interpersonal communication	18	10	8				2								credit
11	Facultative lecture	10	10					1								credit
Subjects of speciality																
12	Adult education (andragogy)	28							18	10					6	exam
13	Pedagogy of work	10								10					1	credit
14	Methods of the social work	18								18					2	credit
15	Methods of pedagogical research	18								18					2	credit
16	Logics	18							10	8					2	credit
17	Degree Seminar	10								10					2	credit
18	Media in education	18							10	8					6	exam
19	Facultative course	18							10	8					2	credit
20	Sociotherapy	18								18					1	credit
21	Practice	200							200					2	credit	
Overall hours/ECTS:			106	134	0	0	0	30	48	198	0	0	0	30		
Overall hours in semester/year /ECTS:		486	240						246							

Major: Pedagogy
Specialization: Social work,
Recruitment: 2008

Non-stationary

Year III

No.	Name of subject	Number Of hours	Semester 5					ECTS	Semester 6					ECTS	Form of
			lc	c	lb	p	s		lc	c	lb	p	s		credit
General subjects															
1	Foreign language	60		30				1		30				2	Credit, exam
Subjects of speciality															
2	Basis of social law	28							18	10				5	exam
3	Methodsof upbringing and care work	18								18				5	credit
4	Educational counselling	18		18				4							credit
5	Pedagogy of family	18	10	8				5							exam
6	Diagnosis in social work	18								18				2	credit
7	Gerontology	18	10	8				4							exam
8	Social Psychology	18	10	8				5							exam
9	Social work in local government	18								18				2	credit
10	Basis of family law	18	10	8				3							credit
11	Degree seminar	36		18				2		18				2	credit
12	Health promotion	18							18					2	credit
13	Social policy of government	28	18	10				6							exam
14	Diploma paper	200												10	
Overall hours/ECTS:			58	108	0	0	0	30	36	112	0	0	0	30	
Overall hours in semester/year /ECTS:		314	163						148						

Major: Pedagogy
Specialization: Social work,
Recruitment: 2007

Full time

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form of credit
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s				
General subjects																	
1	Industrial property protection	10	10					1								credit	
Core/ basic subjects																	
2	Introduction to general philosophy	45	15	30				5								exam	
3	Introduction to general sociology	45	30	15				6								exam	
4	Introduction to general psychology	45	30	15				6								exam	
5	Introduction to general pedagogy	30	15	15				4								credit	
6	Sociology of education	45							30	15					3	credit	
7	Psychology of human development and personality	45							30	15					7	exam	
8	Pedagogical systems and notion	30							30	15					7	exam	
Directional Subjects																	
9	History of education	60	30	30				4								exam	
10	Theory of upbringing	60							30	30					3	exam	
11	Social pedagogy	45							30	15					3	exam	
12	Vocational counselling	30							15	15					2	credit	
13	Prophylaxis and teraphy of addictions	15								15					1	credit	
14	Social communicatoin	30	15	15				2								credit	
15	Resocialisation pedagogy	30							15	15					1	credit	
16	Speech therapy	15								15					1	credit	
17	Special education	30		30				1								credit	
18	Facultative lecture	30	30					1								credit	
19	Practice	200							200							2	credit
	Overall hours/ECTS:		175	150					180	150							
Overall hours in semester/year /ECTS:		655	325						30	330						30	

Industrial Safety – I semester 4h
Library training - I semester 4h

Major: Pedagogy
Specialization: Social work,
Recruitment: 2007

Full time

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
General subjects																
1	Applications of inrofmaton technology	30								30					2	credit
2	Foreign language	60		30				1		30					1	credit
3	Physical education	60		30				1		30					1	credit
Core/ basic subjects																
4	Ethics	30	15	15				7								exam
Directional Subjects																
5	Theory of education	45	30	15				4								exam
6	Deaf pedagogy	30	15	15				3								credit
7	Care pedagogy	45	30	15				4								exam
8	Clinical psychology	45	30	15				4								exam
9	Research methods in the social science	30	15	15				3								credit
10	Training of interpersonal communication	30	15	15				2								credit
11	Facultative lecture	15	15					1								credit
Subjects of speciality																
1	Adult education (andragogy)	45							30	15					6	exam
2	Pedagogy of work	15								15					1	credit
3	Methods fo the social work	30								30					2	credit
4	Methods of pedagogical research	30								30					2	credit
5	Logics	30							15	15					2	credit
6	Degree Seminar	15								15					2	credit
7	Media in education	30							15	15					6	exam
8	Facultative course	30							15	15					2	credit
9	Sociotheraphy	30								30					1	credit
10	Practice	200													2	credit
Overall hours/ECTS:			165	165	0	0	0	30	75	270	0	0	0	30		
Overall hours in semester/year /ECTS:		675	330						330							

Major: Pedagogy
Specialization: Social work,
Recruitment: 2007

Full time

Year III

No.	Name of subject	Number Of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
General subjects															
1	Foreign language	60		30				1		30				2	Credit, exam
Subjects of speciality															
2	Base of social law	45							30	15				5	exam
3	Methods of upbringing and care work	30								30				5	credit
4	Educational counselling	30		30				4							credit
5	Pedagogy of family	30	15	15				5							exam
6	Diagnosis in social work	30								30				2	credit
7	Gerontology	30	15	15				4							exam
8	Social psychology	30	15	15				5							exam
9	Social work in local goverment	30								30				2	credit
10	Basę of family law	30	15	15				3							credit
11	Degree Seminar	60		30				2		30				2	credit
12	Health promotion	30							30					2	credit
13	Social policy of goverment	45	30	15				6							credit
14	Diploma semminar													10	exam
Overall hours/ECTS:			90	165	0	0	0	30	60	165	0	0	0	30	
Overall hours in semester/year /ECTS:		480	255						225						

Major: Pedagogy
Specialization: Social work,
Recruitment: 2007

Non-stationary

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form of credit
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s				
General subjects																	
1	Industrial property protection	10	10					1								credit	
Core/ basic subjects																	
2	Introduction to general philosophy	45	15	30				5								exam	
3	Introduction to general sociology	45	30	15				6								exam	
4	Introduction to general psychology	45	30	15				6								exam	
5	Introduction to general pedagogy	30	15	15				4								credit	
6	Psychology of human development and personality	45							30	15					7	exam	
7	Sociology of education	45							30	15					3	credit	
8	Pedagogical systems and notion	45							30	15					7	exam	
Directional Subjects																	
9	History of education	60	30	30				4								exam	
10	Theory of upbringing	60							30	30					3	exam	
11	Social pedagogy	45							30	15					3	exam	
12	Vocational counselling	18							10	8					2	credit	
13	Prophylaxis and teraphy of addictions	8								8					1	credit	
14	Social communicatoin	18	10	8				2								credit	
15	Resocialisation pedagogy	18							10	8					1	credit	
16	Speech therapy	8								8					1	credit	
17	Special education	18		18				1								credit	
18	Facultative lecture	18	18					1								credit	
19	Practice	200							200						2	credit	
	Overall hours/ECTS:		158	131					170	122							
Overall hours in semester/year /ECTS:		581	289					30	292					30			

Industrial Safety – I semester 4h
Library training - I semester 4h

Major: Pedagogy
Specialization: Social work,
Recruitment: 2007

Non-stationary

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
General subjects																
1	Applications of inrofmation technology	30								30					2	credit
2	Foreign language	60		30				1		30					1	credit
3	Physical education	60		30				1		30					1	credit
Core/ basic subjects																
4	Ethics	30	15	15				7								exam
Directional Subjects																
5	Theory of education	30	15	15				4								exam
6	Deaf pedagogy	18	10	8				3								credit
7	Care pedagogy	28	18	10				4								exam
8	Clinical psychology	28	18	10				4								exam
9	Research methods in the social science	18	10	8				3								credit
10	Training of interpersonal communication	18	10	8				3								credit
11	Facultative lecture	10	10					1								credit
Subjects of speciality																
12	Adult education (andragogy)	28							18	10					6	exam
13	Pedagogy of work	10								10					1	credit
14	Methods fo the social work	18								18					2	credit
15	Methods of pedagogical research	18								18					2	credit
16	Logics	18							10	8					2	credit
17	Degree Seminar	10								10					2	credit
18	Media in education	18							10	8					6	exam
19	Facultative course	18							10	8					2	credit
20	Sociotheraphy	18								18					2	credit
21	Practice	200							200					2	credit	
Overall hours/ECTS			121	134	0	0	0	31	48	198	0	0	0	31		
Overall hours in semester/year :		501	240						246							

Major: Pedagogy
Specialization: Social work,
Recruitment: 2007

Non-stationary

Year III

No.	Name of subject	Number Of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
General subjects																
1	Foreign language	60		30				1		30				2	Credit, exam	
Subjects of speciality																
2	Base of social law	28							18	10				5	exam	
3	Methods of upbringing and care work	18								18				5	credit	
4	Educational counselling	18		18				4							credit	
5	Pedagogy of family	18	10	8				5							exam	
6	Diagnosis in social work	18								18				2	credit	
7	Gerontology	18	10	8				4							exam	
8	Social psychology	18	10	8				5							exam	
9	Social work in local government	18								18				2	credit	
10	Base of family law	18	10	8				3							credit	
11	Degree Seminar	36		18				2		18				2	credit	
12	Health promotion	18							18					2	credit	
13	Social policy of government	28	18	10				6							exam	
14	Diploma seminar	200												10		
Overall hours/ECTS			58	108	0	0	0	30	36	112	0	0	0	30		
Overall hours in semester/year :		314	163						148							

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Full time

Recruitment: 2009

Year I

No.	Name of subject	Number	Semester 1					ECTS	Semester 2					ECTS	Form of credit
		of hours	lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	The basis of ergonomy, safety and hygiene in work	10	10					1							Grade
2	Biomedical basis of development and education	60							30	30				3	Grade
Basic subjects															
3	Introduction to general philosophy	45	15	30				5							Exam (1)
4	Introduction to general sociology	45	30	15				5							Exam (1)
5	Introducton to general psychology	45	30	15				5							Exam (1)
6	Introducton to general pedagogy	30	15	15				7							Grade
7	Sociology of education	45							30	15				4	Grade
8	Pedagogical systems and notion	45							30	15				7	Exam (2)
Main subjects															
9	History of education	60	30	30				7							Egzam (1)
10	Theory of upbringing	60							30	30				6	Exam (2)
11	Social pedagogy	60							30	30				6	Exam (2)
12	Vocational counselling	30							15	15				1	Grade
13	Basis of logopedic	15								15				1	Grade
14	Practice	160										160		2	Grade
Total number of hours:		710	130	105	0	0	0		165	150	0	160	0		
Total number of hours/ETCS:								30						30	
Total number of hours per semester (year):		710	235						315						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Full time

Recruitment: 2009

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Information technology	30							30					2	Grade
2	Foreign language	60		30				1		30				1	Grade
3	Physical education	60		30				1		30				1	Grade
Basic subjects															
4	Ethics	30	15	15				7							Exam (3)
Main subjects															
5	Theory of education	30	15	15				4							Exam (3)
6	Deaf pedagogy	30	15	15				3							Grade
7	Care pedagogy	45	30	15				4							Exam (3)
8	Clinical psychology	45	30	15				4							Exam (3)
9	Research methods in the social science	30	15	15				3							Grade
10	Special pedagogy	30	15	15				2							Grade
11	Facultative lecture	15	15					1							Grade
Total number of hours: ECTS:		405	150	165	0	0	0	30	0	90	0	0	0	4	
Subjects for speciality															
1	Adult education (andragogy)	45							30	15				3	Exam (4)
2	Methods of upbginging and care work	30								30				2	Grade
3	Health education	30							15	15				3	Exam (4)
4	Social pathology	30							15	15				3	Exam (4)
5	Sociotheraphy	30								30				2	Grade
6	The theory and the practice of the mediation and negotiations	30							15	15				4	Grade
7	Prophilaxis of health	30							15	15				2	Grade
8	Methods of the Pedagogy Research	30								30				3	Grade
9	Diploma Seminar	15								15				2	Grade
10	Practice	80										80		2	
Total number of hours:		270	0	0	0	0	0	0	90	180	0	0	0	26	
Total number of hours / ECTS:			150	165	0	0	0	30	90	270	0	0	0	30	
Total number hours per semester (year)		675	315						360						

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Full time

Recruitment: 2009

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6					ECTS	Form of credit	
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s				
Subjects of general education																	
1	Information technology	30		30				1								Grade	
Main subjects																	
1	The media in education	45							30	15					7	Exam (6)	
Total number of hours: ECTS:		75		30	0	0	0	1	30	15	0	0	0		7		
Subjects for speciality																	
1	Special pedagogy	45	30	15				4								Exam (5)	
2	Family pedagogy	45	30	15				4								Exam (5)	
3	Rehabilitative pedagogy	30	15	15				3								Grade	
4	The basis of gerontology	30	15	15				3								Grade	
5	Psychology of health	45	30	15				4								Exam (5)	
6	The basis of rehabilitation	30		30				2								Grade	
7	Diagnostic and therapeutic methods of pedagogy	30		30				2								Grade	
8	Educational and famillial counselling	30	15	15				1								Grade	
9	Theory and praxis of mediation and negotiation	30	15	15				2								Grade	
10	Preparation to became the work	30	15	15				1								Grade	
11	The law regulated by the family and children	45							30	15					7	Exam (6)	
12	Working with people with disabilities	30								30					5	Grade	
13	Methodology of socio-educational work	30								30					6	Grade	
14	Facultative lecture	30							30						2	Grade	
15	Diploma Seminar	60	30					3		30					3	Grade	
Total number of hours:		540	165	210	0	0	0	29	60	105	0	0	0		23		
Total number of hours / ECTS:			165	240	0	0	0	30	90	120	0	0	0		30		
Total number hours per semester (year)		615	405							210							

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Recruitment: 2009

Non-stationary

Year I

No.	Name of subject	Number	Semester 1					ECTS	Semester 2					ECTS	Form of credit
		of hours	lc	c	l	lb	s		lc	c	l	lb	s		
Subjects of general education															
1	The basis of ergonomy, safety and hygiene in work	10	10					1							Grade
2	Biomedical basis of development and education	60							30	30				3	Grade
Basic subjects															
3	Introducton to general philosophy	45	15	30				5							Exam (1)
4	Introduction to general sociology	45	30	15				5							Exam (1)
5	Introducton to general psychology	45	30	15				5							Exam (1)
6	Introducton to general pedagogy	30	15	15				7							Grade
7	Sociology of education	45							30	15				4	Grade
8	Pedagogical systems and notion	45							30	15				7	Exam (2)
Main subjects															
9	History of education	60	30	30				7							Egzam (1)
10	Theory of upbringing	60							30	30				6	Exam (2)
11	Social pedagogy	60							30	30				6	Exam (2)
12	Vocational counselling	18							10	8				1	Grade
13	Basis of logopedic	8								8				1	Grade
14	Practice	160										160		2	Grade
Total number of hours:		691	130	105	0	0	0		160	136	0	160	0		
	Total number of hours/ECTS:														
Total number of hours per semester (year):		691	235					30	456					30	

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Recruitment: 2009

Non-stationary

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Information technology	30								30				2	Grade
2	Foreign language	60		30				1		30				1	Grade
3	Physical education	60		30				1		30				1	Grade
Basic subjects															
4	Ethics	30	15	15				7							Exam (3)
Main subjects															
5	Theory of education	30	15	15				4							Exam (3)
6	Deaf pedagogy	18	10	8				3							Grade
7	Care pedagogy	28	18	10				4							Exam (3)
8	Clinical psychology	28	18	10				4							Exam (3)
9	Research methods in the social science	18	10	8				3							Grade
10	Special pedagogy	18	10	8				2							Grade
11	Facultative lecture	10	10					1							Grade
Total number of hours: ECTS		330	106	134	0	0	0	30	0	90	0	0	0	4	
Subjects for speciality															
1	Adult education (andragogy)	28							18	10				3	Exam (4)
2	Methods of upbginging and care work	18								18				2	Grade
3	Health education	18							10	8				3	Exam (4)
4	Social pathology	18							10	8				3	Exam (4)
5	Sociotheraphy	18								18				2	Grade
6	Theory and praxis of mediation and negotiation	18							10	8				4	Grade
7	Prophilaxis of health	18							10	8				2	Grade
8	Methods of the Pedagogy Research	18								18				3	Grade
9	Diploma Seminar	10								10				2	Grade
10	Practice	80										80		2	Grade
Total number of hours:		244	0	0	0	0	0	0	58	106	0	80	0	26	
Total number of hours / ECTS:			106	134	0	0	0	30	58	196	0	80	0	30	
Total number hours per semester (year)		574	240						334						

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Non-stationary

Recruitment: 2009

Year III

No.	Name of subject	Number	Semester 5					ECTS	Semester 6					ECTS	Form of credit
		Of hours	lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Information technology	24		24				1							Grade
Main subjects															
2	The media in education	36							24	12				7	Exam (6)
Total number of hours: ECTS:		60		24	0	0	0	1	24	12	0	0	0	7	
Subjects for speciality															
1	Special pedagogy	36	24	12				4							Exam (5)
2	Family pedagogy	36	24	12				4							Exam (5)
3	Rehabilitative pedagogy	24	12	12				3							Grade
4	The basis of gerontology	24	12	12				3							Grade
5	Psychology of health	36	24	12				4							Exam (5)
6	The basis of rehabilitation	24		24				2							Grade
7	Diagnostic and therapeutic methods of pedagogy	24		24				2							Grade
8	Educational and famillial counselling	24	12	12				1							Grade
9	Theory and praxis of mediation and negotiation	24	12	12				2							Grade
10	The training to the entry on the job market	24	12	12				1							Grade
11	The law regulated by the family and children	36							24	12				7	Exam (6)
12	Working with people with disabilities	24								24				5	Grade
13	Methodology of socio-educational work	24								24				6	Grade
14	Facultative lecture	30							30					2	Grade
15	Diploma Seminar	48		24				3		24				3	Grade
Total number of hours:		444	168	144	0	0	0	29	48	84	0	0	0	23	
Total number of hours / ECTS:			168	168	0	0	0	30	72	96	0	0	0	30	
Total number hours per semester (year)		504	336						168						

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Full time

Recruitment: 2008

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form of credit
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s				
Subjects of general education																	
1	Industrial property protection	10	10					1								credit	
2	Biomedical Basis of Development and Education	30							15	15					3	credit	
Basic subjects																	
3	Introduction to general philosophy	45	15	30				5								exam	
4	Introduction to general sociology	45	30	15				6								exam	
5	Introduction to general psychology	45	30	15				6								exam	
6	Introduction to general pedagogy	30	15	15				4								credit	
7	Psychology of human development and personatity	45							30	15					5	exam	
8	Sociology of education	45							30	15					3	credit	
9	Pedagogical systems and notion	30							30	15					6	exam	
Main subjects																	
10	History of education	60	30	30				4								exam	
11	Theory of upbringing	60							30	30					3	exam	
12	Social pedagogy	60							30	30					3	exam	
13	Vocational counselling	30							15	15					2	credit	
14	Prophylaxis and tepaphy of addictions	15								15					1	credit	
15	Social communication	30	15	15				2								credit	
16	Resocialization pedagogy	30							15	15					1	credit	
17	Basis of logopedic	15								15					1	credit	
18	Special Education	30		30				1								credit	
19	Facultative lecture	30						1								credit	
20	Practice	200													2	credit	
Overall hours/ECTS:			175	150	0	0	0		180	165	0	0	0				
Overall hours in semester/year /ECTS:		670	325					30	345					30			

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Full time

Recruitment: 2008

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Applications of information technology	30								30				2	credit
2	Foreign language	60		30				1		30				1	credit
3	Physical education	60		30				1		30				1	credit
Basic subjects															
4	Ethics	30	15	15				7							exam
Main subjects															
5	Theory of education	45	30	15				4							exam
6	Deaf pedagogy	30	15	15				3							credit
7	Care pedagogy	45	30	15				4							exam
8	Clinical psychology	45	30	15				4							exam
9	Research methods in the social science	30	15	15				3							credit
10	Training of interpersonal communication	30	15	15				2							credit
11	Facultative lecture	15	15					1							credit
Subjects for speciality															
1	Adult education (andragogy)	45							30	15				6	exam
2	Methods of upbringing and care work	30								30				2	credit
3	Health education	30							15	15				4	exam
4	Social pathology	30							15	15				4	exam
5	Sociotheraphy	30								30				2	credit
6	Prophilaxis of health	30							15	15				2	credit
7	Gerontology	30							15	15				4	exam
8	Degree seminar	15								15				2	credit
9	Practice	80												2	credit
Overall hours/ECTS:			165	165	0	0	0	30	90	240	0	0	0	33	
Overall hours in semester/year /ECTS:		660	330						330						

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Full time

Recruitment: 2008

Year III

No.	Name of subject	Number Of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foreign language	60		30				1		60				2	Credit, exam	
Subjects for speciality																
2	Basis of family law	30							15	15				2	credit	
3	Care and upbringing institutions	30		30				3							credit	
4	Pedagogy of family	30	15	15				5							exam.	
5	Psychology of health	30	15	15				5							exam	
6	Health promotion	30	15	15				4							credit	
7	Educational and family counselling	30							15	15				3	credit	
8	Theory and practice negotiations and mediation	30	15	15				4							credit	
9	Family and child law	30							15	15				4	exam	
10	Correcting and compensation practice	15		15				3							credit	
11	Work with handicapped persons	15								15				2	credit	
12	Introduction to rehabilitation	30							15	15				2	credit	
13	Degree seminar	60		30				2		30				2	credit	
14	Pedagogic diagnosis and therapy	15								15				1	credit	
15	Media in education	30	15	15				3							credit	
16	Facultative course	30							15	15				2	credit	
17	Diploma paper	200												10		
Overall hours/ECTS:			75	180	0	0	0	30	75	165	0	0	0	30		
Overall hours in semester/year /ECTS:		495	255						240							

Major: Pedagogy**Specialization: Care pedagogy and Health promotion****Non-stationary****Recruitment: 2008****Year I**

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form of
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	credit			
Subjects of general education																	
1	Industrial property protection	10	10					1								credit	
2	Biomedical Basis of Development and Education	30							15	15					3	credit	
Basic subjects																	
3	Introduction to general philosophy	45	15	30				5								exam	
4	Introduction to general sociology	45	30	15				6								exam	
5	Introduction to general psychology	45	30	15				6								exam	
6	Introduction to general pedagogy	30	15	15				4								credit	
7	Psychology of human development and personatity	45							30	15					5	exam	
8	Sociology of education	30							30	15					3	credit	
9	Pedagogical systems and notion	45							30	15					6	exam	
Main subjects																	
10	History of education	60	30	30				4								exam	
11	Theory of upbringing	60							30	30					3	exam	
12	Social pedagogy	45							30	15					3	exam	
13	Vocational counselling	18							10	8					2	credit	
14	Prophylaxis and tepaphy of addictions	8								8					1	credit	
15	Social communication	18	10	8				2								credit	
16	Resocialization pedagogy	18							10	8					1	credit	
17	Basis of logopedic	8								8					1	credit	
18	Special Education	18		18				1								credit	
19	Facultative lecture	18	18					1								credit	
20	Practice	200							200						2	credit	
Overall hours/ECTS:			158	131	0	0	0		170	122	0	0	0				
Overall hours in semester/year /ECTS:		581	289					30	292					30			

Industrial Safety – I semester 4h**Library training - I semester 4h**

Major: Pedagogy**Specialization: Care pedagogy and Health promotion****Non-stationary****Recruitment: 2008**

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Applications of information technology	30								30				2	credit
2	Foreign language	60		30				1		30				1	credit
3	Physical education	60		30				1		30				1	credit
Basic subjects															
4	Ethics	30	15	15				7							exam
Main subjects															
5	Theory of education	30	15	15				4							exam
6	Deaf pedagogy	18	10	8				3							credit
7	Care pedagogy	28	18	10				4							exam
8	Clinical psychology	28	18	10				4							exam
9	Research methods in the social science	18	10	8				3							credit
10	Training of interpersonal communication	18	10	8				2							credit
11	Facultative lecture	10	10					1							credit
Subjects for speciality															
1	Adult education (andragogy)	28							18	10				6	exam
2	Methods of upbringing and care work	18								18				2	credit
3	Health education	18							10	8				4	exam
4	Social pathology	18							10	8				4	exam
5	Sociotheraphy	18								18				2	credit
6	Prophilaxis of health	18							10	8				3	credit
7	Gerontology	18							10	8				4	exam
8	Degree seminar	10								10				2	credit
9	Practice	200							200					2	credit
Overall hours/ECTS:			106	134	0	0	0	30	58	178	0	0	0	33	
Overall hours in semester/year /ECTS:		476	240						236						

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Recruitment: 2008

Non-stationary

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6					ECTS	Form of
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	credit		
Subjects of general education																
1	Foreign language	60		30				1		30				2	Credit, exam	
Subjects for speciality																
2	Basis of family law	18							10	8				2	credit	
3	Care and upbringing institutions	18		18				3							credit	
4	Pedagogy of family	18	10	8				5							exam	
5	Psychology of health	18	10	15				5							exam	
6	Health promotion	18	10	8				4							credit	
7	Educational and family counselling	18							10	8				3	credit	
8	Theory and practice negotiations and mediation	18	10	8				4							credit	
9	Family and child law	18							10	8				4	exam	
10	Correcting and compensation practice	18		18				3							credit	
11	Work with handicapped persons	10								10				2	credit	
12	Introduction to rehabilitation	18							10	8				2	credit	
13	Degree seminar	36		18				2		18				2	credit	
14	Pedagogic diagnosis and therapy	18								18				1	credit	
15	Media in education	18	10	8				3							credit	
16	Facultative course	18							10	8				2	credit	
17	Diploma paper	200												10		
Overall hours/ECTS:			50	131	0	0	0	30	50	116	0	0	0	30		
Overall hours in semester/year /ECTS:		347	181						166							

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Full time

Recruitment: 2007

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form of credit
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s				
Subjects of general education																	
1	Industrial property protection	10	10					1								credit	
Basic subjects																	
2	Introduction to general philosophy	45	15	30				5								exam	
3	Introduction to general sociology	45	30	15				6								exam	
4	Introduction to general psychology	45	30	15				6								exam	
5	Introduction to general pedagogy	30	15	15				4								credit	
6	Psychology of human development and personality	45							30	15					7	exam	
7	Sociology of education	45							30	15					3	credit	
8	Pedagogical systems and notion	30							30	15					7	exam	
Main subjects																	
9	History of education	60	30	30				4								exam	
10	Theory of upbringing	60							30	30					3	exam	
11	Social pedagogy	60							30	30					3	exam	
12	Vocational counselling	30							15	15					2	credit	
13	Prophylaxis and teraphy of addictions	15								15					1	credit	
14	Social communicatoin	30	15	15				2								credit	
15	Resocialisation pedagogy	30							15	15					1	credit	
16	Speech therapy	15								15					1	credit	
17	Special education	30		30				1								credit	
18	Facultative lecture	30	30					1								credit	
19	Practice	200							200						2	credit	
Overall hours/ECTS:			175	150	0	0	0		180	150	0	0	0				
Overall hours in semester/year /ECTS:		650	325					30	330					30			

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Recruitment: 2007

Full time

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Applications of inrofmaton technology	30							30					2	credit
2	Foreign language	60		30				1		30				1	credit
3	Physical education	60		30				1		30				1	credit
Basic subjects															
4	Ethics	30	15	15				7							exam
Main subjects															
5	Theory of education	45	30	15				4							exam
6	Deaf pedagogy	30	15	15				3							credit
7	Care pedagogy	45	30	15				4							exam
8	Clinical psychology	45	30	15				4							exam
9	Research methods in the social science	30	15	15				3							credit
10	Training of interpersonal communication	30	15	15				2							credit
11	Facultative lecture	15	15					1							credit
Subjects for speciality															
1	Adult education (andragogy)	45							30	15				4	exam
2	Methods of upbringing and care work	30								30				2	credit
3	Health education	30							15	15				4	exam
4	Social patology	30							15	15				4	exam
5	Sociotheraphy	30								30				1	credit
6	Prophilaxis of health	30							15	15				3	credit
7	Gerontology	30							15	15				4	exam
8	Degree Seminar	15								15				2	credit
9	Practice	200							200					2	credit
Overall hours/ECTS:			165	165	0	0	0	30	90	240	0	0	0	33	
Overall hours in semester/year /ECTS:		660	330						330						

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Full time

Recruitment: 2007

Year III

No.	Name of subject	Number Of hours	Semeste 5					ECTS	Semester 6					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foreign language	60		30				1		30				2	Credit, exam
Subjects for speciality															
2	Introduction to family law	30							15	15				2	credit
3	Care and upbringing institutions	30		30				3							credit
4	Pedagogy of family	30	15	15				5							exam.
5	Psychology of health	30	15	15				5							exam
6	Health promotion	30	15	15				4							credit
7	Educational and family counselling	30							15	15				3	credit
8	Theoty and practice negotiations and mediation	30	15	15				4							credit
9	Family and child law	30							15	15				4	exam
10	Correcting and compensation practice	15		15				3							credit
11	Work with handicapped persons	15								15				2	credit
12	Introduction to rehabilitation	30							15	15				2	credit
13	Degree Seminar	60		30				2		30				2	credit
14	Pedagogic diagnosis and theraphy	15								15				1	credit
15	Media in education	30	15	15				3							credit
16	Facultative course	30							15	15				2	credit
17	Diploma semminar	200												10	
Overall hours/ECTS:			75	180	0	0	0	30	75	165	0	0	0	30	
Overall hours in semester/year /ECTS:		495	255						240						

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Non-stationary

Recruitment: 2007

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form of credit
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s				
Subjects of general education																	
1	Industrial property protection	10	10					1								credit	
Basic subjects																	
2	Introduction to general philosophy	45	15	30				5								exam	
3	Introduction to general sociology	45	30	15				6								exam	
4	Introduction to general psychology	45	30	15				6								exam	
5	Introduction to general pedagogy	30	15	15				4								credit	
6	Psychology of human development and personality	45							30	15					7	exam	
7	Sociology of education	30							30	15					3	credit	
8	Pedagogical systems and notion	45							30	15					7	exam	
Main subjects																	
9	History of education	60	30	30				4								exam	
10	Theory of upbringing	60							30	30					3	exam	
11	Social pedagogy	45							30	15					3	exam	
12	Vocational counselling	18							10	8					2	credit	
13	Prophylaxis and teraphy of addictions	8								8					1	credit	
14	Social communicatoin	18	10	8				2								credit	
15	Resocialisation pedagogy	18							10	8					1	credit	
16	Speech therapy	8								8					1	credit	
17	Special education	18		18				1								credit	
18	Facultative lecture	18	18					1								credit	
19	Practice	200							200						2	credit	
Overall hours/ECTS:			158	131	0	0	0		170	122	0	0	0				
Overall hours in semester/year /ECTS:		581	289					30	292					30			

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Recruitment: 2007

Non-stationary

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Applications of inrofmaton technology	30								30				2	credit
2	Foreign language	60		30				1		30				1	credit
3	Physical education	60		30				1		30				1	credit
Basic subjects															
4	Ethics	30	15	15				7							exam
Main subjects															
5	Theory of education	30	30	15				4							exam
6	Deaf pedagogy	18	10	8				3							credit
7	Care pedagogy	28	18	10				4							exam
8	Clinical psychology	28	18	10				4							exam
9	Research methods in the social science	18	10	8				3							credit
10	Training of interpersonal communication	18	10	8				3							credit
11	Facultative lecture	10	10					1							credit
Subjects for speciality															
1	Adult education (andragogy)	28							18	10				4	exam
2	Methods of upbringing and care work	18								18				2	credit
3	Health education	18							10	8				4	exam
4	Social patology	18							10	8				4	exam
5	Sociotheraphy	18								18				2	credit
6	Prophilaxis of health	18							10	8				3	credit
7	Gerontology	18							10	8				4	exam
8	Degree Seminar	10								10				2	credit
9	Practice	200							200					2	credit
Overall hours/ECTS:			121	134	0	0	0	31	58	178	0	0	0	31	
Overall hours in semester/year /ECTS:		491	240						236						

Major: Pedagogy

Specialization: Care pedagogy and Health promotion

Recruitment: 2007

Non-stationary

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6					ECTS	Form of
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	credit		
Subjects of general education																
1	Foreign language	60		30				1		30				2	Credit, exam	
Subjects for speciality																
2	Introduction to family law	18							10	8				2	credit	
3	Care and upbringing institutions	18		18				3							credit	
4	Pedagogy of family	18	10	8				5							exam	
5	Psychology of health	18	10	8				5							exam	
6	Health promotion	18	10	8				4							credit	
7	Educational and family counselling	18							10	8				3	credit	
8	Theoty and practice negotiations and mediation	18	10	8				4							credit	
9	Family and child law	18							10	8				4	exam	
10	Correcting and compensation practice	18		18				3							credit	
11	Work with handicapped persons	10								10				2	credit	
12	Introduction to rehabilitation	18							10	8				2	credit	
13	Degree Seminar	36		18				2		18				2	credit	
14	Pedagogic diagnosis and theraphy	18								18				1	credit	
15	Media in education	18	10	8				3							credit	
16	Facultative course	18							10	8				2	credit	
17	Diploma semminar	200												10		
Overall hours/ECTS:			50	124	0	0	0	30	50	116	0	0	0	30		
Overall hours in semester/year /ECTS:		340	174							166						

Major: Pedagogy

Specialization: The free integrated education with English

Full time

Recruitment: 2009

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2					ECTS	Form of
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	credit		
Subjects of general education																
1	The basis of ergonomy, safety and hygiene in work	10	10					1								Grade
2	Biomedical basis of development and education	60							30	30					3	Grade
Basic subjects																
3	Introducton to general philosophy	45	15	30				5								Exam (1)
4	Introduction to general sociology	45	30	15				5								Exam (1)
5	Introducton to general psychology	45	30	15				5								Exam (1)
6	Introducton to general pedagogy	30	15	15				7								Grade
7	Sociology of education	45							30	15					4	Grade
8	Pedagogical systems and notion	45							30	15					7	Exam (2)
Main subjects																
9	History of education	60	30	30				7								Egzam (1)
10	Theory of upbringing	60							30	30					6	Exam (2)
11	Family pedagogy	30							15	15					1	Grade
12	Methodology of socio-educational work	30								30					1	Grade
13	Basis of Logopedy	15								15					1	Grade
14	Emission of Voice	30							15	15					1	Grade
15	PNJA- of the English -speaking press	30								30					1	Grade
16	PNJA-The practical grammar	30								30					1	Grade
17	PNJA- the oral communication	30								30					1	Grade
18	PNJA- lexical exercises	30								30					1	Grade
19	PNJA- editional exercises	30								30					1	Grade
20	Pedagogical Practice	30										30			1	Grade
Total number of hours:		730	145	120	0	0	0			135	300	0	0	0		
	Total numbers of hours/ECTS:															
Total number of hours per semester (year):		730	265					30	435					30		

Industrial Safety – I semester 4h

Library training - I semester 4h

ECTS credits

1

1. Course name

Bases of the ergonomics, the security and the industrial health

2. Course description**Lecture**

The introduction to the object (definitions, basic notions). Basic problems of the ergonomics - aims of the ergonomics, the arrangement {system} man-machine as the subject of interest of the ergonomics, the ergonomics conception and corrective. The ergonomics and the normalization. Chosen problems from the physiology of the work (the psychophysiological job definition, forms {figures} of the work, the ergonomic analysis of the arduousness of the work, chosen problems of the ergonomics on the job of office). Elements of the ergonomics in the formation of working conditions (generalities in the ergonomic formation of the worksite, the ergonomics in the formation of the material working environment, ergonomic recommendations in the designing of the spatial structure of worksites). The problems organizational-legal, sources of law of the work, essentials labor laws. The organization of the labor protection in the institution {bet}. Duties within the range securities and industrial health of persons leading with workers. The preventive health care, preventive medical examinations. The conduct in connection with events at work and with occupational illnesses. Security services and industrial health, organs of the supervision over working conditions. Technical conditions of the security and the industrial health. Harmful factors on the job. The risk management professional of workers. The example-presentation and the discussion of requirements as against work safeties at the service of chosen office-(monitors of screens, Xeroxes, shredders of documents, air conditioners) devices.

3. Prerequisites

None

4. Aim of the course

For purposes of the object is the performance {representation} of the basic knowledge from the range of the ergonomics in the formation of safe working conditions and the configuration of the skill of the utilization of the row of rules and ergonomic recommendations in the designing of processing, machines, devices and worksites about the acceptable level of the risk.. The realization of the object has also on target {in view} a purchase {acquirement} of the skill of the selection of tools of exploratory servants to the troubleshooting of working conditions, as well as the conquest of the skill of the use from tools of exploratory describing degrees of the arduousness of the work and the level of the occupational hazard.

5. Literature

1. S. Wieczorek, *Podstawy ergonomii*, P. Rz. Rzeszów 1998
 2. J. Olszowski, *Podstawy ergonomii i fizjologii pracy*, A.E. Poznań 2000
 3. E. Tytek, *Projektowanie ergonomiczne*, PWN, Warszawa-Poznań 2001
 4. A. Świątkowski, *Bezpieczeństwo i higiena pracy*, Universitas 2003
 5. E. Kowal, *Ekonomiczno-społeczne aspekty ergonomii*, PWN, Warszawa-Poznań 2002
 6. S. Wieczorek, *Podstawy psychologii pracy i ergonomii*, Tarbonus, Tarnobrzeg 2005
 7. J.T. Karczewski, *System zarządzania bezpieczeństwem pracy*, Ośrodek Doradztwa i doskonalenia Kadr Sp. z o.o., Gdańsk 2000
 8. P. Pietrowski, *Ochrona układu oddechowego przed parami i gazami organicznymi*, 2004
 9. J. Stredwick, *Zarządzanie pracownikami w małej firmie*, Wydawnictwo: One Press, maj 2005
 10. S. Staszewski, *Dostosuj swój zakład do obowiązującego prawa pracy*, PIP, Warszawa 2004
- Polskie normy:
1. PN-83/N-08015 Ergonomia. Pojęcia ogólne
 2. PN-N-18002 Systemy zarządzania bezpieczeństwem pracy. Ogólne wytyczne do oceny ryzyka zawodowego
 3. PN-71/B-02380 Oświetlenie wnętrz światłem dziennym. Warunki ogólne
 4. PN-78/B-03421 Wentylacja i klimatyzacja. Parametry obliczeniowe powietrza wewnętrznego w pomieszczeniach przeznaczonych do stałego przebywania ludzi
 5. PN-EN 27779:1999 Akustyka. Pomiar hałasu emitowanego przez urządzenia komputerowe i biurowe
- i inne Polskie Normy z zakresu ergonomii oraz bezpieczeństwa i higieny pracy (www.pkn.pl)

6. Type of course: Obligatory**7. Teaching team**

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	Year
Lecture	10/10	1	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

The written test

10. Language: Polish

ECTS credits

3

1. Course name

Biomedical Basis of Development and Education

2. Course descriptionLecture

Subject of the research of biology. What is this the life ? The man development - basic notions . Of the personality development endogenic and exogenous factors. Different factors of the man development. The mode of the life and the course of the development. Building and the basic functions of the cell. Building and the basic functions of chosen tissues . The building and functions the apparatus of the movement. Building and functions nervous was arrangement. Important the organs of sense and their meaning for the man organism. Building and functions the apparatus was arrangement the man organism internal. The stages of the man development and biological rhythm. Metody of control and the opinion of the man development.

Classes

Heirdom and his meaning in the man ontogenetical development. Building of the individual elements of the apparatus of the movement. The course of the development was arrangement alimentary and respiratory. Arrangement of the development the circulation and arrangement of excretory. Organization of the man motive actions. Ability development of motive in the man ontogenetical development. Detailed profile of the individual stages of the man development.

3. Prerequisites

None

4.Aim of the course

The introduction of students with development and functioning the human organism. The meeting of genetic factors and the environmental of conditioning the man development.

5. Literature

- 1.Wolański N., (2005), *Rozwój biologiczny człowieka*. Państwowe Wydawnictwo Naukowe, Warszawa.
- 2.Jopkiewicz A., Suliga E. (1998), *Biologiczne podstawy rozwoju człowieka*. Wydawnictwo i Zakład Poligrafii Instytutu Technologii Eksploatacji. Radom.

6.Type of course

Obligatory

7.Teaching team

Department of the Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	30/30	2	1
Classes	30/30	2	1
Laboratory			
Project			
Seminar			
Total student's workload	90		

9.Conditions of the course acceptance:

The written test

10.Language: Polish

ECTS credits

5

1. Course name

Introduction to general philosophy

2. Course descriptionLecture

The basic category of philosophical concepts. The history of European ideas (thought). The selected school and majors of philosophy in antiquity (Platon, Arystoteles), in the Middle Ages (Augustyn, Tomasz z Akwinu), in modern (Kartezjusz, Hume, Kant, Hegel, Nietzsche). Analysis and interpretation the texts –source the selected philosophers. The selected philosophical conceptions of the man. The output of the antiquity philosophy and their meaning for development education systems.

3. Prerequisites

None

4. Aim of the course

The recognition of the the basic category of philosophical concepts, the permit to see different aspects of the man, f. Eg. The reason, the soul, the sensuality, the free will. The recognition of the history of the philosophical meaning . The analysis of the main majors in contemporary philosophy.

5.Literature

1. W. Welsch, *Nasza postmodernistyczna moderna*
2. T. Rorty, *Przygodność, ironia, solidarność.*
3. C. Taylor, *Etyka autentyczności.*
4. F. Copleston, *Historia filozofii.*
5. W. Tatarkiewicz, *Historia filozofii.*

6. Type of course: Obligatory**7.Teaching team:** Department of the Politology**8.Course structure**

Form	Number of hours	Semester	Year
Lecture	15/15	1	1
Classes	30/30	1	1
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

The written test

10. Language: Polish

ECTS credits

5

1.Course name

Introduction to sociology

2.Course descriptionLecture

Beginnings of sociology and outline of the current sociology. Natural, economical and cultural conditions of the social life. Mass culture. Culture of organizations. Theories of social personality. Authority and leadership in organisations (leadership theories). Determinants of human behaviour. Practical significance of the motivation theory. Role of an individual in the society. Participation of an individual in economic and social processes. Human behaviour in difficult situations. Ties building process in communities. Place of employment: social community or social institution. Society and society structure. Class structures and stratified societies as the most important structures in the society. Historical and current formulations of the middle class and its role in the economical and social processes. The most important communities in the human life. Family as a social community and institution.

Social processes in organisations. Conflict and conflict solving methods. Sociological formulation of the social evolution. Social engineering – practical use of the sociology. Barriers for the transformation of the polish society and methods to overcome them. Techniques and methods of sociological research.

Classes

Subject of the sociological research. Scientific and common sociology. Culture and society. Primary and secondary socialisation. Social interaction. Family in the sociological theory. Classes, stratification and inequalities. Poverty and social exclusion.

3.Prerequisites

General knowledge from the high school

4.Aim of the course

The goal of the lecture is the presentation of different social communities, primarily showing the diversity of processes, which have an affect on their rising, functioning and evolution. The goal of the laboratory is the training of abilities useful by the building of ties in a social group, by the creation of workplaces, appeasement of social tensions or solving of problems the modern communities have to deal with.

5.Literature

1. B. Szacka, *Wprowadzenie do socjologii*, Oficyna Naukowa, Warszawa 2003
2. A. Giddens, *Socjologia*, PWN, Warszawa 2004
3. A. Kubów, *Socjologia. Zarys problematyki i podstawowe pojęcia*, Forum Naukowe, Poznań 2006
4. J. Sztumski, *Wstęp do metod i technik badań społecznych*, Katowice, Śląsk 1999
5. P. Sztompka, *Socjologia. Analiza społeczeństwa*, Znak, Kraków 2002

6. Type of course: Obligatory**7.Teaching team**

Department of Sociology and Social Communication

8.Course structure

Form	Number of hours	Semester	Year
Lecture	30/30	1	1
Classes	15/15	1	1
Laboratory			
Project			
Seminar			
Total students' workload	150		

9.Conditions of course acceptance

Lecture – written exam,

Classes – pass

10.Language: Polish

ECTS credits

5

1. Course name

Introduction to Psychology

2. Course descriptionLecture

The subject of general psychology. Perception as the mechanism of experience creation, using our senses.

Perceptual categorization. Attention. Conditioning processes. Learning which goes much more further than conditioning.

Memory as an important mechanism of experience preservation. Autobiographic memory

Concepts. Language and communication. Thinking and understanding, emotional intelligence. Emotion and motivation.

Personality and the differences amongst other people. Cognitive approach to personality. Child development theories.

Physical, social and intellectual development of child in early childhood. How to influence other people. Advertisement.

Conformism. Image creation. Attitudes. Manipulation. Pervasion.

3. Prerequisites

None

4. Aim of the course

Here, it is essential to point out to Students get familiar with the run of psychical processes of man, the analysis of its structure, elementary processes, their functions they play in regulation of human behavior. Within the framework of the knowledge acquisition, the students learn about cognitive processes (*i.e.* perception, learning, memory, thinking, *etc.*), decision processes, emotions, motivation and selected personality theories. Intercorrelation of psychology with other sciences such as, biology, physiology, medicine, sociology, education, philosophy, linguistics, and many more. Also, the present state of psychology development in case of psychology research is to be presented. All processes bound up with various stages of life phases have been treated developmentally, here. As a result of the process, personality can be developed, which is defined as a self-regulative and self-controlling organization and structure. The modern psychological theories of man development assume phylogenetic and ontogenic perspective. Moreover, the students get familiar with the principal methods and tools of social and general psychology. They learn how to interpret and collect information during mini experiments and carry out correct generalization of the results to a wider, social reality.

5. Literature

1. G. Mietzel, *Wprowadzenie do psychologii*, GWD, Gdańsk 2003

2. R. Vasta, M. M. Haith, S. A. Miller, *Psychologia dziecka*, WSIP, Warszawa 1995

3. W. Wosińska, *Psychologia życia społecznego*, GWP, Gdańsk 2004

4. L. W. Shapiro, *Jak wychowywać dziecko z wysokim EQ*, Pruszyński i S-ka, Warszawa 1999

5. J. Strelau, *Psychologia. Podręcznik akademicki. Psychologia ogólna*, GDW, Gdańsk 2000, tom 2.

6. Type of course: Obligatory**7. Teaching team**

Department of Education

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/30	1	1
Classes	15/15	1	1
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

Psychological theoretical or experimental study

10. Language: Polish

ECTS credits

7

1.Course name

Introduction to Pedagogy

2.Course descriptionLectures

Origins of Pedagogy– emergence and forming of Pedagogy as a science. Fundamental conceptions In Pedagogy and their understanding, subject of research, goals and methods of research. Functions of Pedagogy as a science researching Education. Evolution of pedagogics identity in the broad cultural context. Contemporary trends and ideologies In Pedagogy. Division of Pedagogy to specific subdisciplines. Sciences cooperating with Pedagogy. Social meaning of Education – value and function of education In contemporary world. Axiological aspect of education. Values and the goals of education. Compositional processes In Education (according to Z. Kwieciński). Pedagogical Picture of education (according to R. Schulz). Educational paradigms. Contemporary trends in school critics. Idea of de schooling o society, alternative school, self perfecting school. Fundamental educational environments. Family and school. Types of educational attitudes and errors in education.

3.Prerequisites

Essey

4. Aim of the course

The aim of the course is providing students fundamental categories and ideas In Pedagogy, showing the genesis, history and contemporary dilemmas In Pedagogy, but also explaining contemporary trends In development of that science. It is also very important to equip students with the knowledge of fundamental problems.

5. Obligatory literature:

1. H. Kwiatkowska, *Ewolucja tożsamości pedagogiki*, Warszawa 1994
2. A. Gurycka, *Błąd w wychowaniu*, Warszawa 1990
3. Cz. Kupisiewicz, *Paradygmaty i wizje reform oświatowych*, Warszawa 1994
4. S. Kunowski, *Podstawy współczesnej pedagogiki*, Warszawa (1997) 2000
5. *Pedagogika* T. I, II, (red.) Kwieciński Z., Śliwerski B., Warszawa 2004
6. *Pedagogika ogólna i subdyscypliny*, (red.) Turowski L., Warszawa 1999
7. *Pedagogika ogólna. Problemy aksjologiczne*, Kukułowicz T., Nowak M., Lublin 1997
8. Śliwerski B., *Współczesne teorie i nurty wychowania*, Kraków 1998
9. *Wprowadzenie do pedagogiki* (red) Jaworska T., Leppert R., Kraków 1998
10. M. Ziemska, *Postawy rodzicielskie*, Warszawa 1973

Elective literature:

1. A. Janowski A., *Uczeń w teatrze życia szkolnego*, Warszawa 1994
2. M. Debesa, *Etapy wychowania*, Warszawa 1999
3. R. Meighan, *Socjologia edukacji*, Toruń 1993
4. M. Nowak, *Podstawy pedagogiki otwartej*, Lublin 1999
5. W. Okoń, *Nowy słownik pedagogiczny*, Warszawa 1999
6. *Pedagogika. Leksykon PWN*, (red.) Milerski B., Śliwerski B., Warszawa 2000
7. *Podstawy pedagogiki*, (red.) Dymek-Balcerek K., Radom 1999
8. J. Piekarski, B. Śliwerski, *Edukacja alternatywna. Nowe teorie, modele badań i reformy*, Kraków 2000
9. T. Pilch, T. Barman, *Zasady badań pedagogicznych. Strategie ilościowe i jakościowe*, Warszawa 2001
10. B. Śliwerski B., *Program wychowawczy szkoły*, Warszawa 2001

6. Type of course: Obligatory**7. Teaching team**

Faculty of Education, Tourism and Recreation - Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/15	1	1
Classes	15/15	1	1
Laboratory			
Project			
Seminar			
Total student's workload	210		

9. Conditions of the course acceptance:

pass of lectures on the estimation

10. Language: Polish

ECTS credits

4

1. Course name

Sociology of Upbringing

2. Course descriptionLecture

subject and scope of sociology research; sociology of upbringing as a field of sociology; genesis and development of sociology of upbringing in Poland; sociology of upbringing and sociology of education; upbringing society according to Florian Znaniecki; elements of sociological theory of upbringing; social functions of upbringing; sociological functions of general and specialist training; upbringing and socialization; theory of socialization; process of socialization – its course and mechanisms; social environment as upbringing environment; local and regional communities; measurement of environment; social structure of environment vs. education; family and its upbringing functions; subject and scope family research in sociology of upbringing; upbringing means of peers ' groups; school as a social system; sociological problems of management in education and other upbringing institutions; school class as a social group; teacher, form tutor and school class; structure and mechanisms of socialization; social macrostructure vs. upbringing systems; individual and society; social diversity; educational ideologies; factors of development of upbringing systems; globalization aspects.

Classes

Work in groups concerning basic issues presented in the range of the thematic subject.

3. Prerequisites

Passed exam of "General Sociology"

4. Aim of the course

The aim of this course is introduction to students of systems of upbringing and socialization in a society, particularly including social groups and institutions. .

5. Literature

1. T. Aleksander (red.), *Środowiska wychowawcze i edukacja dorosłych w dobie przemian*, Kraków 2003
2. R. Borowicz, *Nierówności społeczne w dostępie do wykształcenia*, Casus Suwalszczyzny, Olecko 2000
3. J. Chałasiński, *Spółeczeństwo i wychowanie*, Warszawa 1958
4. A. Giddens A., *Socjologia*, Warszawa 2004
5. H. M. Griesse, *Szkice z socjologii wychowania i andragogiki* (tłumaczenie Sztobryn D.), Łódź 2002
6. S. Kowalski, *Socjologia wychowania w zarysie*, Warszawa 1979
7. Z. Kwieciński, *Socjologia edukacji*, Toruń 1998
8. R. Meighan, *Socjologia edukacji*, Toruń 1993
9. H. Mielicka (oprac.), *Socjologia wychowania. Wybór tekstów*, Kielce 2000
10. J. Szczepański, *Elementarne pojęcia socjologii*, Warszawa 1970
11. P. Sztompka, *Socjologia. Analiza społeczeństwa*, Kraków 2002
12. K. J. Tillman, *Teorie socjalizacji. Społeczność, instytucja, upodmiotowienie*, Warszawa 1996
13. J. Turowski, *Socjologia. Małe struktury społeczne*, Lublin 1993
14. S. Witek, *Zarządzanie reformowaną szkołą*, Warszawa – Kraków 2000
15. R. B. Woźniak, *Zarys socjologii edukacji i zachowań społecznych*, Koszalin 1998
16. F. Znaniecki, *Socjologia wychowania t. 1 i 2*, Warszawa 2001

6.Type of course: Obligatory**7.Teaching Team**

Department of Pedagogy

8.Course structure:

Form	Liczba godzin	Semestr	Rok studiów
Lecture	30/30	2	1
Classes	15/15	2	1
Laboratory			
Project			
Seminar			
Total student's workload	120		

9.Conditions of the course acceptance

lecture – oral exam

classes – pass

10. Language: Polish

ECTS credits

7

1. Course name

Pedagogical systems and notion

2. Course descriptionLecture and classes

The introduction to essence of pedagogical doctrines. The concept of pedagogical doctrine. The pedagogical doctrine and another type of the knowledge about the education. The formal and matter-of-education doctrines. The problems of categorizations of pedagogical doctrines. The potencial majors of analysis pedagogical doctrines. The sources, methodology and principles of study the pedagogical doctrines. The recognition of pedagogical doctrines with application of hermeneutic principles. The meaning of the knowledge and studying pedagogical doctrines for development of pedagogical knowledge and educational practice.

3. Prerequisites

None

4. Aim of the course

The recognition of the content and formal position of the pedagogy in the humanities – as the knowledge about the culture. The recognition of the durability of the output, selected doctrines, representative, fundamental current and majors of the pedagogical ideas. The recognition of the continuity, the unity, the singularity of the ideas and of the educational views, included in recognized doctrines. The understanding of the content recognized doctrines in the cultural, social and scientific context and other condition connected with the person as authors of the doctrine.

5. Literature

1. S. Hessen, *Dzieła wybrane*, Warszawa 1997, [T.I, *Podstawy pedagogiki*, (wybrane teksty); T.III, *O sprzecznościach i jedności wychowania. Zagadnienia pedagogiki personalistycznej*, (wybrane teksty); T. IV, *Struktura i treść szkoły współczesnej. Zarys dydaktyki ogólnej*, (wybrane teksty)].
2. M. Boczar M., *Studiowanie doktryn pedagogicznych (w aspekcie teorii uniwersytetu i zasad hermeneutyki ujęcie selektywne)*, (w:) *Pedagogika ogólna. Tradycja - teraźniejszość - nowe wyzwania*, pod red., T. Hejnickiej - Bezwińskiej, WSP, Bydgoszcz 1995, s. 269-277.
3. R. Kwaśnica, *O dwóch wersjach pytania o przedrozumienie. Do pedagogiki naukowej i pedagogów z marginesu*, (w:) *Pytanie, dialog, wychowanie*. Praca zbiorowa pod red., J. Rutkowiak, PWN, Warszawa 1992
4. Z. Kwieciński, *Pluralizm - pedagogiczną szansą czy brzemieniem?* (w:) *Pedagogika ogólna. Problemy aksjologiczne*, pod red., T. Kukułowicz, M. Nowaka, RW KUL, Lublin 1997, s.15 - 22.

6.Type of course

Obligatory

7.Teaching team

Department of Pedagogy, Tourism and Recreation - Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	30/30	2	1
Classes	15/15	2	1
Laboratory			
Project			
Seminar			
Total student's workload	210		

9. Conditions of the course acceptance:

The written test

10. Language: Polish

ECTS credits

7

1.Course name

History of pedagogy concepts

2.Course descriptionLecture

Education in ancient Greece. Greek civilization and Hellenistic age (Education models in city-states, Greek pedagogy, Pajdei civilization).

Education in Middle Ages (Decrease of usage of ancient education models. Charles the Great education reforms. Education in society classes. Universities of Middle Ages).

Renaissance (Education in renaissance Italy. Humanistic high schools. Education renaissance in Western Europe. Education in Poland. Influence of the Reformation on organization of religious schools in Poland. Teaching religious orders. Vilnius Academy).

Enlightenment (Philosophy and science in early Enlightenment. New ideas in pedagogy: J. Locke, JJ. Rousseau. Saxon period – reform attempts in Polish education system: S. Konarski and Collegium Nobilium. Commission of National Education).

Development of primary school education (theory of early teaching) and high schools. Creation of pedagogy as a scientific discipline (J.H. Pestalozzi, J.F. Herbart).

Education in Poland during partition period.

Development of modern education systems in XX century.

3.Prerequisites

None

4.Aim of the course

Development of pedagogy concepts based on history of education.

5.Literature

1. S. Litak, *Historia wychowania Do Wielkiej Rewolucji Francuskiej*, t. I, Kraków 2004
2. J. Praus, Terlecki Ryszard, *Historia wychowania. Wiek XIX i XX*, t. II, Kraków 2005
3. S. Wołoszyn, *Źródła do dziejów wychowania i myśli pedagogicznej*, Warszawa 1996

6 Type of course: Obligatory**7.Teaching team**

Department of Pedagogy, Touristic and Recreation

8.Course structure

Form	Number of hours	Semester	Year
Lecture	30/30	1	1
Classes	30/30	1	1
Laboratory			
Project			
Seminar			
Total student's workload	210		

9.Conditions of the course acceptance:

Lecture: written paper

10. Language: Polish

ECTS credits

6

1. Course name

Theoretical Basis of Education

2. Course descriptionClasses

Multiple definitions of education; socialization and schooling as synonymous concepts and their role in human life; narrow and broad meaning of education; education as direct and indirect influence; subjectivity in education; structure of the process of education: its goals, educational situations, and the role of experiences in formation of identity; the types of educational influences in the social context of human relations; the methods of education; the fields of education; and life without education, which is the basic thesis of anti-pedagogy.

3. Prerequisites

The requirements defined in PWSZ regulations

4. Aim of the course

The main goal of the course is to introduce students to the basic issues of contemporary theories of education. Students will attain basic knowledge of education both in theoretical (i.e. structure of the process of education) and practical approaches (the methods of education).

5. Literature

1. M. Łobocki, *Teoria wychowania w zarysie*. Oficyna Wydawnicza „Impuls”, Kraków 2006
2. A. Tchorzewski, *Wychowanie w kontekście teoretycznym*. Wydawnictwo Uczelniane WSP, Kraków 1993
3. T. E. Dąbrowska, B. Wojciechowska-Charlak, *Między praktyką a teorią wychowania*. Wydawnictwo UMCS, Lublin 1996
4. A. Gurycka, *O sztuce wychowywania – dla wychowawców i nauczycieli*. Wydawnictwo CODN, Warszawa 1997
5. K. Blusz, *Edukacja i wyzwolenie*. Oficyna Wydawnicza „Impuls”, Kraków 1992

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/30	2	1
Classes	30/30	2	1
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Based on students participation (discussions)

10. Language: Polish

ECTS credits

6

1. Course name

Social Pedagogy

2. Course descriptionLecture

Fundamental notions, conceptual categories, and current goals of social pedagogy. Social pedagogy's scope of action. Ecology of human development according to U. Bronfenbrenner. Basic environment of children's upbringing. Fundamentals of diagnostics and methods used in social pedagogy. Social pedagogy of society in crisis (crisis of culture and values, marginalization and exclusion, inequality and injustice). Leisure time as personal and collective value. Lifestyle and threat to health of individual and society. Ethical dimension of the work of a pedagogist (perception of "the Other").

3. Prerequisites

Fulfillment of requirements described by University Rules and Regulations.

4. Aim of the course

The goal of this course is to present knowledge of the fundamental theoretical and practical aspects of social pedagogy. Students will learn selected issues relating to the environmental context of human development and terminology used in this branch of pedagogy. Students will acquire a basic understanding of social work methods with an emphasis on the ethical dimensions of social pedagogy (perception of the "Other"). Curriculum will also include content relating to the opportunities and threats to individuals in modern civilization and the role of upbringing in creating and transforming one's environment.

5. Literature

1. *Pedagogika społeczna*. Podręcznik akademicki. T. 1. Red. E. Marynowicz-Hetka. PWN, Warszawa 2006
2. *Pedagogika społeczna*. Podręcznik akademicki. T. 2 (2007). Red. E. Marynowicz-Hetka. Wydawnictwo Naukowe PWN Warszawa
3. *Pedagogika społeczna*, pod redakcją T. Pilcha i I. Lepalczyk. Wydawnictwo „Żak” Warszawa 1995
4. *Pedagogika społeczna u schyłku XX wieku*, A. Radziewicz-Winnicki (red.). Wyd. UŚ. Katowice 1992

6. Type of the course: Obligatory**7. Teaching team**

Department of Pedagogy; Faculty of Pedagogy, Tourism and Recreation

8. Course structure

Form	Number of hours	Semester	Year	
Lecture	30/30	2	1	
Classes	30/30	2	1	
Laboratory				
Project				
Seminar				
Total student's workload	180			

9. Conditions of the course acceptance:

Written examination

10. Language: Polish

ECTS credits

1

1. Course name

Vocational of counselling

2. Course descriptionLecture

The genesis of prosocial behaviours, the sociobiology; public exchange empathy and the altruism.

Individual and social conditions of prosocial behaviours. Basics of the counselling, guides of the good life, factors of the development of the modern counselling. Counselling as subsystem of the national educational system.

Characteristics of phases of the practical cycle in the life of the man. Effectiveness of the counselling. Assessment of the quality of the work of the adviser.

Classes

Practical analysis of methods of the work of the adviser. Three conceptions counsellings: order, liberal and dialogue counselling (taking the position into consideration for the adviser and seeking advice).

3. Prerequisites

None

4. Aim of the course

Acquainting students with issues Theory of the counselling, handing over to the general and detailed wisdom from this scope, inspiring to reflection and constructive discussions basing on read literature and exercising practical.

5. Literature

1. B.Wojtasik, A.Kargulowa [red.], *Doradca – Profesja, Pasja czy Powołanie*. Warszawa 2003.
2. A.Kargulowa, *O teorii i praktyce poradnictwa*. Warszawa 2004.
3. E.Siarkiewicz [red.], *Niejednoznaczność poradnictwa*. Zielona Góra 2004.
4. G.Corey, *Teoria i praktyka poradnictwa i psychoterapii*. Poznań 2005.

6. Type of course: Obligatory**7. Teaching team**

Department of educations

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/10	2	1
Classes	15/8	2	1
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

lecture a written exam, ranking the – exercise

10. Language: Polish

ECTS credits

1

1.Course name

The basis of logopedic

2.Course descriptionClasses

Subject and task of logopedic. Interdisciplinarity – logopedic vs pedagogy. The linguistic basics of logopedics. Build of a language system - different language subsystems. The linguistic and communicative competence. Linguistic and paralinguistic (non-verbal) communication. Biomedical basics of logopedics. Cortical and subcortical structures and their part in speech functions. Anatomy and physiology organs of speech, voice and hearing. The development of child speech. The cognitive process by child. The basic notion: speech defects, articulation disorders, speech disorder. Classification of speech disorders. Communications disorders in children and adults – a symptomatic profile. Prevention of speech disorders Progress of logopedic in Poland and organization of logopedic care. Social, pedagogical, psychological conditions of the development of the language skills. Disability. Problems of therapy, rehabilitation and treatment. The role of pedagogy in the social care system. Problems with social integration of children and adults with speech impairments.. The role of social workers in satisfying of health needs of the handicapped with speech impairments - quality of life.

3.Prerequisites None**4 Aim of the course**

The main objective of the class is acquaintance the students with subject and task of logopedic as a interdisciplinary domain connected with pedagogy, introduction to the problems of the development of child speech, classification of speech disorders, linguistic and paralinguistic (non-verbal) communication in different speech disorders forms, showing the students of social, pedagogical, psychological effects of linguistic communication disorders, the emphasis of the role of pedagogy in their alleviation in medical rehabilitation, in social and work reintegration of persons with speech impairments.

5. The basic literature:

1. B. Cytowska, B. Winczura, *Wczesna interwencja a wspomaganie rozwoju małego dziecka*, Kraków 2006
2. A. Domagała, *Zachowania językowe w demencji*, Lublin 2007
3. S. Grabias, *Zaburzenia mowy. Mowa. Teoria. Praktyka*. UMCS, Lublin 2001
4. G. Jastrzębowska, *Podstawy logopedii dla studentów logopedii, pedagogiki, psychologii, filologii*, Opole 1996.
5. *Logopedia. Pytania i odpowiedzi. Podręcznik akademicki*. T. Gałkowski i inni (red.), Opole 2003
6. E. Minczakiewicz, *Komunikacja. Mowa. Język w diagnozie i terapii*, Kraków 2002
7. I. Obuchowska, *Dziecko niepełnosprawne w rodzinie*, Warszawa 1999
8. A. Rakowska, *Język, komunikacja, niepełnosprawność*, Kraków 2003
9. S. Sadowska, *Jakość życia uczniów z niepełnosprawnością intelektualną w stopniu lekkim*, Kraków 2006

Supplement:

1. B. Schluz, *Pomoc dzieciom i młodzieży niepełnosprawnej intelektualnie*, Rzeszów 2006.
2. A. Sadowska, *Jak radzić sobie z chorobą Alzheimera. Poradnik dla opiekunów*, Warszawa 2001

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	15/8	2	1
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Individual written paper and written test are the conditions of ranking the class

10. Language: Polish

ECTS credits

1

1. Course name

Family education

2. Course descriptionLecture

Assistance of child and teenager development in the family. Understanding family in pedagogy, pedagogic typology of family, marriage conflicts – recognition and prevention. Sexual education. Emotions in family relations. Differences and stereotypes of gender. Challenges of motherhood and fatherhood. Family in view of modern reality.

3. Prerequisites

None

4. Aim of the course

Familiarization with chosen concepts of education in pedagogy. Perception of multiaspect functions of parenting in the family. Familiarization with pedagogic understanding of the family. Characteristic of emotional and sexual development of children and teenagers. Determination of emotions in social relations familiarization with typology of family conflicts and methods of its prevention. Identification of new challenges which modern family faces with.

5. Literature

1. B. Śliwowski, Współczesne teorie i nurty wychowania, Oficyna Wydawnicza Impuls, Kraków 2005
2. K. Oatley, J. M. Jenkins, Zrozumieć emocje, PWN, Warszawa 2003
3. A. Kuczyńska, E. K. Dzikowska (red.), Zrozumieć płęć, Studia interdyscyplinarne, UWR, Wrocław 2004
4. S. Kawula, J. Brągiel, A. W. Janke, Pedagogika rodziny, obszary i panorama problematyki, Wyd. Adam Marszałek, Toruń 2007
5. M. Nowak-Dziemianowicz, Doświadczenia rodzinne w narracjach, Interpretacje sensów i znaczeń, DSWE, Wrocław 2006
6. S. Hełpa, T. Witkowski, Psychologia konfliktów, Biblioteka moderatora, 2004
7. R. Campbell, Sztuka zrozumienia, Oficyna Wydawnicza Vocatio, Warszawa 1999
8. S. Forward, Toksyczni rodzice, Jacek Santorski & CO Agencja Wydawcza, Warszawa 1997
9. D. Hornans-Bieli (red.), Oblicza macierzyństwa, Wydawnictwo Katolickiego Uniwersytetu Lubelskiego, Lublin 1999
10. K.K. Tackett, Wyzwania macierzyństwa, jak być szczęśliwą matką, GWP, Gdańsk 2003
11. B. Wojciszke, Psychologia miłości, GWP, Gdańsk 2006
12. Pulikowski, Warto być ojcem. Najważniejsza kariera mężczyzny, Inicjatywa Wydawnicza -Jerozolima, Poznań 1999

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15	2	1
Classes	15	2	1
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

The written test

Outlines

10. Language: Polish

ECTS credits

1

1. Course name

Methodologie of socio-educational work

2. Course description

Teacher as an organizer of socio-educational work (teacher's range of duties, documentation, specificity of profession, the rules of writing a lesson draft), several methods used in group work (spidergrams, figures, interiors' arrangement), elaborating lessons' scripts: the selection of methods, techniques of work to the following topics: Acquaintance, colleague, friend (about the quality of friendship), I know what I feel (about identifying and naming the feelings), I do not call anybody names and do not beat, With a black ribbon (talks about death and mourning), We can talk, say sorry, and forgive, I am European (Languages- is it a barrier?), Around my family- siblings-rivalry and love, When Mrs Anger comes with visit? – the methods of putting up with anger and stress, Everyone can be the alien- about toleration, Everyone is valuable- we get to know our virtues, I would like to... - dreams in our life, We respect the nature- the Earth as an eco-planet, We take care about our health – the meeting with Mr Mess.

3. Prerequisites

The requirements defined in PWSZ regulations

4. Aim of the course

Preparing students to teaching educational subjects in early primary school, training the skills of using active methods in work with children, giving the possibility to making an own lesson about the chosen topic.

5. Literature

1. U. Dudziak, *Wychowanie w klasie szkolnej. Scenariusze godzin wychowawczych dla szkół ponadpodstawowych*, WSiP, Warszawa 2002
2. M. Gruszka, I. Janiak, J. Prarat, *Scenariusze godzin wychowawczych dla gimnazjum i szkół ponadgimnazjalnych*, Wyd.2. Harmonia, Gdańsk 2003
3. Hamer Hanna: *Bliżej siebie. 10 ważnych tematów- scenariusze 20 lekcji ułatwiających poznanie siebie*, Warszawa, Wyd. Veda, 2001
4. E. Kosińska, B. Zachara, *Profilaktyka pierwszorzędowa w szkole: scenariusze zajęć z uczniami gimnazjum i szkół Ponadgimnazjalnych*, Wydaw. „Rubikon”, Kraków 2003
5. M. Pisanko, *Kształtowanie pozytywnej postawy ucznia wobec szkoły. Scenariusze zajęć*, Wydaw. WING, Łódź 2001
6. M. Braun-Galkowska, „W tę samą stronę”, Wydaw. Krupski i S-ka, Warszawa 1994
7. G. Gajewska, A. Szczęśna, A. Doliński. *Warsztat pracy pedagoga: zbiór scenariuszy i konspektów*. Zeszyt. 1, 2, 3, 4, Stowarzyszenie Edukacyjne Pedagogów Praktyków „Cogito”, Zielona Góra 1998 (1999, 2000)
8. M. Chomczyńska – Miliszkiewicz, *Podróż w nieznanie. O miłości, seksie i rodzinie. Scenariusze zajęć*, Warszawa 1999
9. B. Stryczniewicz, *Spotkania w klasie szkolnej. Propozycje scenariuszy na godziny wychowawcze dla uczniów gimnazjum (i nie tylko)*, Oficyna Wydaw. „Impuls”, Kraków 2003
10. K. Zajęczkowski, *Lekcje wychowawcze w gimnazjum*, Wydaw. „Jedność”, Kielce 2003
11. E. Brudnik, A. Moszyńska, B. Owczarska, *Ja i mój uczeń pracujemy aktywnie*, Kielce 2003

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	30	2	1
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Based on students participation (discussions)

10. Language: Polish

ECTS credits

1

1.Course name

The Emission of Voice

2.Course descriptionLecture, classes

The emission of the voice - the explanation of the term {time limit}. The justification of occupations from the emission of the voice - the problem of organopathies of the voice. The operating schedule over the emission of the voice. 1. The respiratory system - the acoustic generator. Kinds of the respiration, types of the respiration. The abdominal breath - ribbed-phrenic most proper for the good emission the type of the breath. The diaphragm and her meaning in phase the exhalation. The respiratory support - the creature of the dynamic breath as the condition of coming into being of the correct phonation; practical exercises; 2. The phonation - the vibrator of the sound. The construction {build} of the larynx. Functions of the larynx. The larynx as the sound source. Pica vocalizes. The soft and hard attack of the voice. The diameter of the voice - the use of the diameter of the voice in speaking; practical exercises; 3. The resonance - the amplifier of the sound. The proper usage of resonators as the following condition of the correct emission of the voice. Bottom {lower} resonators - below sound sources. Upper resonators - above sound sources. The timbre. The carrying capacity of the sound - speaking on the mask. The proper attitude of the body {corpse}; practical exercises; 4. The articulation. The efficiency of the articulator apparatus {camera} - the important element in the emission of the voice. The lockjaw as one of reasons of diseases {illnesses} of the voice. Vowels - centers issue speeches; practical exercises; 5. The culture of the lively word: the good emission of the voice, the faultless elocution, the acquaintance of rules of the correct pronunciation; practical exercises; 6. Diseases {illnesses} of the voice and the hygiene of the voice.

3.Prerequisites

None

4.Aim of the course

Messages: the recognition of the construction {build} of the vocal apparatus {camera} , his part and the function in the correct emission of the voice for the purpose of the synteresis of the voice.

Skills: the use of acquired skills in the correct technology of the respiration, in the individual education of the voice.

5. Literature

1. B. Tarasiewicz, *Mówię i śpiewam świadomie. Podręcznik do nauki emisji głosu*, Universitas, Kraków 2003
2. B. Toczyska, *Sarabanda w chaszcach*, Gdańsk 1997.
3. M. Zaleska-Kręcicka, T. Kręcicki, E. Wierzbicka, *Głos i jego zaburzenia. Zagadnienia higieny i emisji głosu*, Wrocław 2004.

6.Type of course: Obligatory

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15	2	1
Classes	15	2	1
Laboratory			
Project			
Seminar			
Total student's workload	30		

9.Conditions of the course acceptance:

Written test

The use of acquired skills

10. Language: Polish

ECTS credits

1

1. Course name

ESOL – Anglophone Press Survey

2. Course description

The classes are discussion-based, with the instructor acting as moderator. The basis of the discussion are the Anglophone articles analyzed in class. Special emphasis is put on pertinent social, political, and cultural issues specific to today's UK and the USA.

3. Prerequisites

None

4. Aims of the course

Stimulating the students' lifelong interest in contemporary Anglophone press

Surveying the leading American and British periodicals in the context of their ideological presuppositions

Introducing the basics of critical discourse analysis

5. Literature1. Berry, Wendell. 1994. *Recollected Essays: 1965-1980*. North Point Press, San Francisco2. Periodicals: *The Economist*, *Time*, *Newseek*, *The Atlantic Monthly*, *The New York Times*3. Smith, Ron. 1994. *Groping for Ethics in Journalism*. Midwestern Press: Saint Louis.**6. Type of course:** Obligatory**7. Teaching team**

ESL instructors

8. Course structure

Form	Number of hours	Semester						Year
		1	2	3	4	5	6	
Lecture								
Classes	60	30	30	-	-	-	-	1
Laboratory								
Project								
Seminar								

9. Conditions of the course acceptance:

Class attendance and contribution

1 presentation per semester

2 written analyses of self-chosen articles

10. Language: English

ECTS credits

1

1. Course name

ESOL – Vocabulary Acquisition

2. Course description

The classes are discussion-based, with the instructor acting as moderator. The basis of the discussion are the reading assignments studied at home. The topics cover a variety of vocabulary areas including, for instance, politics, the media, social sciences, contemporary cinema and sports.

3. Prerequisites

None

4. Aims of the course

The course aims at expanding the students' vocabulary to facilitate unimpeded communication beyond the level of basic colloquial English in the field of broadly conceived Humanities. Additional emphasis will be put on vocabulary related to education in general and TEFL classroom practice in particular.

5. Literature

1. May, P. (1992). *The Complete Proficiency Practice Tests 2*. Oxford: Heinemann.
2. McCarthy M. & F. O'Dell. (2002). *English Vocabulary in Use. Advanced*. Cambridge: Cambridge U P.
3. Thomas, B. J. (1989). *Advanced Vocabulary and Idiom*. London: Nelson.
4. Wellman, G. (1992). *Wordbuilder*. Oxford: Heinemann.

6. Type of course: Obligatory**7. Teaching team:**

ESL instructors

8. Course structure

Form	Number of hours	Semester						Year
		1	2	3	4	5	6	
Lecture								
Classes	150	30	30	30	60	-	-	1, 2
Laboratory								
Project								
Seminar								

9. Conditions of the course acceptance

Class attendance and contribution

Multiple-choice test

10. Language: Mostly English with occasional Polish translation

ECTS credits

2

1. Course name

Information Technology

2. Course description**Laboratory**

1. Basis conceptions and definitions used in Computer Science
2. Elements of architecture and functioning of a computer
3. The introduction to the computer usage
4. The basic characteristics of operational system Windows XP or Windows Vista: functions of the operational system
5. Tool software (antivirus programs, archive, diagnostic and optimizing)
6. Internet: characteristics, functions and usage of the Internet, the services available in Internet
7. Text editors on the example of WORD 2003 or 2007: the edition of the complex documents (with many pages), charts, inserting of the graphics (advanced methods), the edition of the mathematical formulas, the table elements of documents (paginations, headlines, footers), creation of the contents and index (subscripts, superscripts), tabulator, numbering, bullets, formatting a text in columns, the serial correspondence, forms, automation of the work, planning and creating professional documents and publications, computer composing of the compact descriptions
8. Computer data analysis (the area of usage of the data analysis), the ruled of sheet's creation, types and structures of data, implementation and formatting of data, basic statistical analysis. The advanced topics: the elements of programming in calculating sheet, management of the sheets and folders, sheet as the data basic (addition of the records, sorting and managing the lists, using filters, sheet for the group work, advanced formulas and functions, presentations of the graphical data - MICROSOFT MAP, presentations and preparations of large printed papers, advanced operations on lists (pivot tables, chart), macro definitions, preparations of algorithms of economic problems.
9. *Work in program used for creating the presentations Power Point or FLASH*
Preparing own presentation

3. Prerequisites

None

4. Aim of the course

The main goal of the lecture is the introduction of the basic informatical knowledge about the using of the most commonly used software. Learning students about the basic definitions, practical skills and learning them how to perceive, formulate and solve the problem.

The usage of the information technology while creating the own basis of the intellectual work: convection of texts, the rules of using the calculating sheet, data basis, the managers graphics and presentations and services in informatics nets.

5. Literature

1. R. Supranowicz, L. Łozowski, *Systemy operacyjne Windows oraz Microsoft Office 2000 w praktyce*, PWSZ im. Witelona w Legnicy, 2005
2. R. Supranowicz, L. Łozowski, *Windows Vista oraz Office 2007 Professional w praktyce*, PWSZ im. Witelona w Legnicy, 2008
3. A. Bąk (red.), *Wprowadzenie do informatyki dla ekonomistów*, Wyd. AE Wrocław 2000
4. Z. Dec; R. Konieczny, *ABC...komputera 2000*, EDITION 2000, Kraków, 2000
5. K. Kluczna, *ABC...Windows 2000*, EDITION 2000, Kraków, 2000

6. Type of course: Obligatory**7. Teaching team:**

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes			
Laboratory	30	4	2
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Laboratory and written test are the conditions of ranking the course.

10. Language: Polish

ECTS credits

1/1

1. Course nameForeign language classes (English, French, German, Russian) **level B1****2. Course description**

Acquisition of the following linguistic competences:

In the scope of listening – The student can recognize and understand phrases and the highest frequency vocabulary related to areas of most immediate personal relevance (e.g. very basic personal and family information, shopping, local geography, employment). He can understand the main points of clear standard speech on familiar matters regularly encountered in work, school, leisure, etc. He can understand the main point of many radio or TV programmes on current affairs or topics of personal or professional interest when the delivery is relatively slow and clear.

In the scope of reading – The student can read the texts that consist mainly of high frequency everyday or job-related language. He can understand the description of events, feelings and wishes in personal letters.

In the scope of speaking – The student can communicate in simple and routine tasks requiring a simple and direct exchange of information during the trip around the country where the language is used. He can handle very short social exchanges related to current affairs (e.g. family, hobby, work, travel). He can use a series of phrases and sentences to describe in simple terms his experience and the everyday events, his dreams, hopes and ambitions. He can give reasons and explain his opinions and plans. He can tell short stories and retell the plot of the film or book as well as describe his impression.

In the scope of writing – The student can write simple connected text on topics which are familiar or of personal interest. He can write personal letters describing experiences and impressions..

3. Prerequisites

The placement test for level B1

4. Aim of the course

The knowledge of the foreign language on the level B1 defines the ability to use the foreign language on the independent level in the scope of understanding, speaking and writing. The person using the language on this level can understand the main points of clear standard input on familiar matters regularly encountered in work, school, leisure, etc. Can deal with most situations likely to arise whilst travelling in an area where the language is spoken. Can produce simple connected text on topics which are familiar or of personal interest. Can describe experiences and events, dreams, hopes & ambitions and briefly give reasons and explanations for opinions and plans.

5. Literature**English language**

1. Latham-Koenig, Christina, Oxenden, Clive *New English File Intermediate*, OUP 2005
2. Hopkins, Andy *More Work in Progress*, Longman 1998
3. Taylor, Liz *International Express*, OUP 2003

French language

1. J.L. Penfornis „français.com”, CLE International, Paris 2002

German language

1. Hermann Funk, Rita M. Niemann, Dong Ha Kim, Studio D B1, Cornelsen, 2005

Russian language

1. H. Granatowska, *Как дела?* 2, Wyd. Szkolne PWN, Warszawa 2002
2. R. Skiba, M. Szczepaniak, *Деловая речь. 2a, 2b*, wyd. REA

6. Type of course: Obligatory**7. Teaching team:** Foreign language teachers – Faculty of Pedagogics, Tourism and Recreation**8. Course structure**

Form	Number of hours	Semester	Year
Lecture			
Classes			
Laboratory	30/30	3/4	2
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Credit and the written exam

10. Language: English, French, German and Russian

ECTS credits

1/1

1. Course nameForeign language classes (English, French, German, Russian) **level A1****2. Course description**

Acquisition of the following linguistic competences:

In the scope of listening – The student can recognize familiar words and very basic phrases concerning myself, my family and immediate concrete surroundings when people speak slowly and clearly.**In the scope of reading** – The student can understand familiar names, words and very simple sentences, for example on notices and posters or in catalogues.**In the scope of speaking** – The student can communicate in simple and routine tasks requiring a simple and direct exchange of information on familiar topics and activities. He can use simple phrases and sentences to describe where he lives and people he knows.**In the scope of writing** – The student can write a short, simple postcard, for example sending holiday greetings. He can fill in forms with personal details, for example entering his name, surname, nationality and address on a hotel registration form.**3. Prerequisites**

The placement test for level A1

4. Aim of the course

The knowledge of the foreign language on the level A1 defines the ability to use the foreign language on the elementary level in the scope of understanding, speaking and writing. The person using the language on this level can understand and use familiar everyday expressions and very basic phrases aimed at the satisfaction of needs of a concrete type. Can introduce him/herself and others and can ask and answer questions about personal details such as where he/she lives, people he/she knows and things he/she has, etc –he/she can also reply to the same kind of questions. Can interact in a simple way provided the other person talks slowly and clearly and is prepared to help.

5. Literature**English language**

1. O'Driscoll, Nina *Business Challenges*, Longman 1995
2. Hopkins, Andy *Work in Progress*, Longman 1998
3. Taylor, Liz *International Express*, OUP 2003

French language

1. G. Migdalska, C. Billar-Woźniak, M. Szczucka-Smagowicz „Déjà-vu”, PWN, Warszawa, 2005

German language

1. Hermann Funk, Rita M. Niemann, Dong Ha Kim, Studio D A1, Cornelsen, 2005

Russian language

1. H. Granatowska, *Как дела?* 1, Wyd. Szkolne PWN, Warszawa 2002
2. R. Skiba, M. Szczepaniak, *Деловая речь. Для начинающих науку от основ*, wyd. REA

6. Type of course: Obligatory**7. Teaching team**

Foreign language teachers – Faculty of Pedagogics, Tourism and Recreation

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes			
Laboratory	60	3 / 4	2
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Credit and the written exam

10. Language: English, French, German and Russian

ECTS credits

1/1

1. Course nameForeign language classes (English, French, German, Russian) **level A2****2. Course description**

Acquisition of the following linguistic competences:

In the scope of listening – The student can recognize and understand phrases and the highest frequency vocabulary related to areas of most immediate personal relevance (e.g. very basic personal and family information, shopping, local geography, employment). He can catch the main point in short, clear, simple messages and announcements.

In the scope of reading – The student can read very short, simple texts. He can find specific, predictable information in simple everyday material such as advertisements, prospectuses, menus and timetables and I can understand short simple personal letters.

In the scope of speaking – The student can communicate in simple and routine tasks requiring a simple and direct exchange of information on familiar topics and activities. He can handle very short social exchanges, even though he can't usually understand enough to keep the conversation going himself. He can use a series of phrases and sentences to describe in simple terms his family and other people, living conditions, his educational background and his present or most recent job.

In the scope of speaking – The student can write short, simple notes and messages relating to matters in areas of immediate need. He can write a very simple personal letter, for example thanking someone for something.

3. Prerequisites

The placement test for level A2

4. Aim of the course

The knowledge of the foreign language on the level A2 defines the ability to use the foreign language on the elementary level in the scope of understanding, speaking and writing. The person using the language on this level can understand sentences and frequently used expressions related to areas related to professional and everyday life. Can communicate in simple and routine tasks requiring a simple and direct exchange of information on familiar and routine matters. Can describe in simple terms aspects of his/her background, immediate environment and matters in areas of immediate need. He can use the basic grammar structures.

5. Literature**English language**

- 1.Latham-Koenig, Christina, Oxenden, Clive *New English File Pre-Intermediate*, OUP 2003
- 2.Hopkins, Andy *Work in Progress*, Longman 1998
- 3.Taylor, Liz *International Express*, OUP 2003
- 4.O'Driscoll, Nina *Business Challenges*, Longman 1995

French language

- 1.G. Migdalska, C. Billar-Woźniak, M. Szczucka-Smagowicz „Déjà-vu”, PWN, Warszawa, 2005

German language

- 1.Hermann Funk, Rita M. Niemann, Dong Ha Kim, Studio D A2, Cornelsen, 2005

Russian language

- 1.H.Granatowska, *Как дела?* 1, Wyd. Szkolne PWN, Warszawa 2002
- 2.H.Granatowska, *Как дела?* 2, Wyd. Szkolne PWN, Warszawa 2002
- 3.R.Skiba, M.Szczepaniak, *Деловая речь. Для начинающих науку от основ*, wyd. REA
- 4.R.Skiba, M.Szczepaniak, *Деловая речь. 1a, 1b, 2a, 2b*, wyd. REA

6. Type of course: Obligatory**7. Teaching team :** Foreign language teachers – Faculty of Pedagogics, Tourism and Recreation**8. Course structure**

Form	Number of hours	Semester	Year
Lecture			
Classes			
Laboratory	60	3 / 4	2
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Credit and the written exam

10. Language: English, French, German and Russian

ECTS credits

1

1. Course name

Lecture in a foreign language – Information about regions and tourist sources of modern Russia.

2. Course description**Lecture**

Basic information about Russian Federation: geography, environmental and climatic zones, political system, authority, administrative division, cultural diversity. Main tourist centres and routes in Russia, their monuments and attractions. Little-known and recently discovered tourist regions. Russian tourist base.

3. Prerequisites

The credit for Russian language course at (at least) A2 level

4. Aim of the course

Passing the basic knowledge about Russian Federation to the students, acquainting them with the cultural diversity of the country, its tourist attraction, the capabilities of Russian tourist service industry; acquiring Russian vocabulary connected with this subject matter.

5. Literature1.J. Dobrowolski J., *Турь по России*, Warszawa 20032.*Rosja: Kraj i ludzie. Wybór tekstów dla Polaków uczących się języka rosyjskiego, historii i kultury Rosji*,

J. Wjunow, I. Danecka, W. Starodubcew, Opole 2004

4.*Rosjoznawstwo. Wprowadzenie do studiów nad Rosją*, Kraków 2004**Internet sources:**www.euroasiatour.ruwww.russiatourism.ruwww.travel.vseved.ruwww.slavyanka.comwww.aerotour.ruwww.tio.bywww.soiuzkurort.ruwww.besttrenining.ruwww.rbta.ru**6. Type of course:** Obligatory**7. Teaching team:**

Russian language lecturer

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Final written test

10. Language: Russian

ECTS credits

1

1. Course name

Physical education

2. Course description

Physical education – different forms of motor activity. Sports games: elementary techniques of sports game, school games, simplified game. Aerobic: relax exercise by music, exercise to shape of aesthetic and motoric body. The study the simple motion and dance systems. The swimming: study and improve ding the basic swimming stroke, the safety in the water and over the water. The water as the factor of renovation and the therapy.

The global development exercise and improve ding exercise in the body building gym. The influence sports exercises on the circulation system, on the artificial respiration, on the motor organ. The games and motor plays: the development of the fitness and the dexterity.

3. Prerequisites: none**5. Aim of the course**

The stimulation of physical activity of student and pro-health influence of sports exercise on the human body.

5. Literature:**6.Type of course:** Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	60/60	3 (30/30), 4 (30/30)	2
Laboratory			
Project			
Seminar			
Total student's workload	30		

9.Conditions of the course acceptance:

ranking the – exercise

10. Language: Polish

ECTS credits

7

1. Course name

Ethics

2. Course descriptionLecture

Ethics as the field of study (definition, history, kinds). A context of basic ethical issues. Ethics and morality. Goods and values. Standard codes. Cultural patterns. Dignity of the human person. Fundamental laws of the human being. Peace as the highest moral value. Natural moral law. Moral character of the social-political life. Social principle of the common good. Ethical subsidiary principle. Principle of interpersonal solidarity. Principle of social justice. Principle of social love. Ethical Professional codes. Ethicality of the participation and alienation.

Classes

Selected naturalistic ethics. Selected anti-naturalistic ethics. Ethicality of the politics. Ethicality of the economy. Ethicality of the culture (science and religion). Connotation and denotation of the notions describing the individual and social moral reality. Virtues and faults.

3. Prerequisites

None

4. Aim of the course

Introducing the students to the basics in ethics. Convincing the students that high ethicality of persons and professionalism of professional activities serve the best to personal development and building up the common good.

5. Literature

1. T. Ślipko, *Zarys etyki ogólnej*, Kraków 2004
2. T. Ślipko, *Zarys etyki szczegółowej, Etyka osobowa*. Kraków 2005
3. J. Majka, *Etyka społeczna i polityczna*, Warszawa 1993
4. K. Wojtyła, *Elementarz etyczny*, Wrocław 1982
5. M. Ossowska, *Podstawy nauki o moralności*, Warszawa 1994
6. *Godność człowieka a prawa ekonomiczne i socjalne*, Warszawa 2003
7. M. Krapiec, *Ludzka wolność i jej granice*, Lublin 2000

6. Type of course: Obligatory**7. Teaching team**

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/15	3	2
Classes	15/15	3	2
Laboratory			
Project			
Seminar			
Total student's workload	210		

9. Conditions of the course acceptance:

The written test

10. Language: Polish

ECTS credits

5

1.Course name

Theoretic of the education

2.Course descriptionLecture

The formation and the development of the problems and the pedagogic scientific knowledge about the instruction, the education - the general didactics in the synthetic historic seizure. The object and assignments of the general didactics as subdiscipline of pedagogic. Aims of the education in theory and to the practice of the instruction - the matter-of-fact aspect of operating, axiological and formal. Contents of the education in theory and to the practice. Instructions. The process and rules of the instructions and the learning at school. Teaching methods and learning's in theory and to the practice of the instruction. Didactic resources in theory and to the practice of the education. The classification of didactic resources. Functions and the usage of didactic resources. Manuals. Multimedia and informational technologies. Forms of the organization of the instruction and the learning - the school, the class, the lesson, occupations educational and other. The help of schoolboys in the learning at home. The school as the educational institution her functions. The collaboration of the school with parents and with the social milieu. The check (the inspection) and the estimation in the process of the education. The school-class and the control her. Manners of the control with the school-class. Expectations of schoolboys from teachers. Rules and customs in class. Some factors influencing on the behavior in class. The conduct in the face the misbehavior and the violation of the discipline. The cognition of schoolboys and motivating them to the learning.

Class**3.Prerequisites**

none

4.Aim of the course

Bases of the knowledge about the education from the range didactics general and her differentiations within the range currents {trends} of the thinking about the school-education and the school in the context scientific, social and cultural. The education of the skill of the independent description and the analysis the instrumentation of the teacher and the school; analyses and estimations {marks} of didactic solutions together with their components; using with chosen methods and tools of didactic research; the independent inquiry {reaching} to problems and didactic dilemmas and their analyses.

5.Literature

Cohen L., Manion L., Morrison K.: Wprowadzenie do nauczania, Wyd. Zysk i S-ka, Kraków 1999, (R 14. Kierowanie klasą i kontrola nad nią, s. 325 – 390).

Niemierko B.: Kształcenie szkolne. Podręcznik skutecznej dydaktyki, Wydawnictwo Akademickie i Profesjonalne, Warszawa 2007.

Sztuka nauczania. Szkoła, pod red., K. Konarzewskiego, PWN, Warszawa 1991.

Uzupełniająca

Nalaskowski A.: Edukacja, która nie chce przeminąć, OW Impuls, Kraków 1999.

Nawroczyński B.: Zasady nauczania, (w:) Dzieła wybrane, WSiP, Warszawa 1987, T. II.

Odmiany myślenia o edukacji, pod red., J. Rutkowiak, OW Impuls, Kraków 1995.

Okoń W.: Wprowadzenie do dydaktyki ogólnej, PWN, Warszawa 1987.

6.Type of course: Obligatory**7.Teaching team**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15/15	3	2
Classes	15/15	3	2
Laboratory			
Project			
Seminar			
Total student's workload	150		

9.Conditions of the course acceptance:

Lecture- written test, Class- written test

10.Language: Polish

ECTS credits

3

1.Course name

Pedagogic of deafens

2.Course descriptionLecture

The introduction into the problems pedagogic of deafens. The deaf person as the subject of the upbringing - the terminology.

The build of the organ of hearing and his activities. The etiology of hearing defects - reasons. The classification of persons with the damaged organ of hearing. Learning synergistic with pedagogic of deafens. Kinds of activity of educational in pedagogic of deafens - the upbringing through the learning -the upbringing through the art - the moral education -- the upbringing through the movement , sport and the rest. The introduction to the pedagogic of being hard of hearing. The influence of the hearing defect on the kilter of the man. Manners and resources of communicating with deaf - that is the specificity of the switch with persons about the different degree of the damage of the hearing. The person being hard of hearing as the subject of the upbringing. Manners of communicating with deaf. The thinking of deaf children. Methods of the researches of the organ of hearing. Institutions of the care and the education of persons with the hearing defect. The problems of the integration.

Class**3.Prerequisites**

none

4.Aim of the course

The introduction of students with basic theoretical and practical problems of the education and the upbringing of persons with hearing defects and defects of the speech resulting from disturbances of the hearing.

5.Literature

Eckert U., (red.), (1998), Wybrane zagadnienia z surdopedagogiki, Wydawnictwo Wyższa Szkoła Pedagogiki Specjalnej im. Marii Grzegorzewskiej, Warszawa.

Eckert U., Stecewicz A., (red.), (1998), Wczesna opieka nad dzieckiem z wadą słuchu, Polski Związek

Głuchych, Szczecin. Hoffman B., (2001), Surdopedagogika w teorii i praktyce, Wydawnictwo WSP TWP, Warszawa.

Obuchowska I.,(2005), Dziecko niepełnosprawne w rodzinie, Wyd. Szkolne i Pedagogiczne, Warszawa.

Szczepankowski B. (1999). Osoby niedosłyszące, głuche i głuchonieme, w: red. B. Szczepankowska, J.Mikulski, Osoby niepełnosprawne w środowisku lokalnym. Wyrównywanie szans. Warszawa 1999.

Zielińska J., (2005), Edukacja dzieci z uszkodzeniem

6.Type of course: Obligatory**7.Teaching team**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	3	2
Classes	15/8	3	2
Laboratory			
Project			
Seminar			
Total student's workload	90		

9.Conditions of the course acceptance:

Lecture- written test

Class- written test

10.Language: Polish

ECTS credits

4

1. Course-type of studies

Educational Pedagogy

2. Description**Lecture**

The lecture will present the origin of child and family pedagogy and its connections with other fields of science. This will include: the scope and categories of care; notions of care as understood by selected authors; help, rescue, and social support as synonymous ideas; selected present-day threats to child development; contemporary trends in child and family care; the child and family care system in Poland; terminology used in theory and practice as well as process and structure of care; maternal care deprivation syndrome; and capacity to counteract and compensate for the negative outcomes of maternal care deprivation syndrome by adoptive and foster families as well as in other institutional forms of care.

3. Prerequisites

The requirements defined in PWSZ regulations

4. Aim of the course

The focus here will be on contemporary theory and practice of care, including current practices in child and family care systems of Poland and the European Union (i.e. family-centered social work practices, alternatives in foster care and innovations in institutional care).

5. Literature

Dąbrowski Z. (1994), Pedagogika opiekuńcza w zarysie. WSP Olsztyn

System opieki kompensacyjnej w zjednoczonej Europie (2002), S. Badora i D. Marzec (redakcja). Oficyna Wydawnicza „Impuls”, Kraków

Współczesne kierunki w opiece nad dzieckiem (1999), redakcja naukowa Z. W. Stelmaszuk. Wydawnictwo Akademickie „Żak”, Warszawa

Tożsamość oraz dylematy pedagogiki opiekuńczej (2001), redakcja naukowa A. Olubiński. Wydawnictwo Edukacyjne Akapit, Toruń

Opieka i wychowanie. Systemy wychowania i opieki nad dziećmi w okresie przemian ustrojowych (1998). Cz. Kępski (redakcja). Wydawnictwo UMCS, Lublin

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/18	3	2
Exercises	15/10	3	2
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Assessment of students' performance:

Written examination

10. Language: Polish

ECTS credits

4

1.Course name

The Clinical Psychology

2.Course descriptionLecture

General problems; theoretical problems of the clinical psychology. The classification of conduct disorders. The etiology. The psychological diagnosis in the clinical psychology. Inorganic conduct disorders. Neuroses and disturbances answering to neuroses in new classifications. Psychosomatic disturbances. Sexual disturbances. Dependences - the nicotine, the alcohol, narcotics. Not chemical dependences. The mental handicap - the description. Abalienations -- schizophrenias, paranoiacs and depressions. Sociopathies, psychopathies and other personality disorders. Neurotic disorder children and young peoples, disturbances of the development of the speech, the psychomotor hypererethism, psychotic disturbances. The prophylaxis of disturbances, elements of the psychotherapy. The rehabilitation of handicapped persons

Class**3.Prerequisites**

none

4.Aim of the course

The introduction of students with disturbances in the regulation of intercourse of the man with the environment and reasons and the development of these disturbances. The preparation of students to the diagnosis and the correction of disturbances.

5.Literature

Grzesiuk L. (red). Psychoterapia, PWN, Warszawa, 1995

Sęk H. (red.) Społeczna psychologia kliniczna, PWN, Warszawa, 1998.

Sęk, H. Wprowadzenie do psychologii klinicznej, Scholar, Warszawa 2001.

Lewicki A. Psychologia kliniczna, PWN, Warszawa 1969.

Radochoński M. Zarys psychopatologii dla pedagogów, WSiP, Rzeszów, 1996.

Kościelska M. Oblicza upośledzenia, PWN, Warszawa, 2000.

Kościelak R. Psychologiczne podstawy rewalidacji upośledzonych umysłowo, PWN, Warszawa, 1989

6.Type of course: Obligatory**7.Teaching team**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	30/18	3	2
Classes	15/10	3	2
Laboratory			
Project			
Seminar			
Total student's workload	120		

9.Conditions of the course acceptance:

Lecture- written test

Class- written test

10.Language: Polish

ECTS credits

2

1. Course name

Special Education

2. Course description

Introduction to special education — scope, subject and goals of special education. Branches of special education. Historical outline of special education in Poland and abroad. New horizons in special education. Ortho-pedagogy — the system during times of change. Paradigm of retardation and its consequences. Basics of oligophreno-pedagogy. Classifications and characteristics of mental retardation. Causes of mental retardation. Application of modern information and communication technology in work with mentally disabled students. Family and mentally disabled child. Basics of typhlo-pedagogy (blind education). Psychosocial and physical aspects of the lack sight analyzer or its impaired functions. Selected problems of rehabilitation of the blind and the visually impaired. Social (re)adaptation of the visually impaired. Outline of deafblindness related problems. Basics of surdo-pedagogy (education of the deaf and hard of hearing). Impact of deafness on psychosocial functioning. The main directions of rehabilitation of the deaf and hard of hearing children. Basics of therapeutic education. Impact of chronic and terminal disease on the person's psychosocial condition. Psychological and pedagogical care of cancer stricken children. Carl Simonton's method — (RBT) — Rational Behavior Therapy. Common problems of "special" care, education, and social support. CONDUCTIVE EDUCATION SYSTEM — integration of rehabilitation, education and social efforts.

3. Prerequisites:

None

4. Aim of the course

Providing students with basic special education related information. Stimulation of students' interest in problems of a "disabled child." The skill of application of the acquired knowledge for stimulation of "normal" behaviors and creation of the climate of social integrity — social environment. Preparation of future employees, teachers, and pedagogues to introduce and implement "therapeutic education".

5. Literature**Basic**

Szczepanik R. „Elementy pedagogiki specjalnej” WSH-E w Łodzi, 2007
 Dykciak Wł. „Pedagogika specjalna” Wydawnictwo Naukowe UAM Poznań 2005
 Sękowska Z. „Wprowadzenie do pedagogiki specjalnej” Wyd. APS, Warszawa 2001

Supplementary

Zabłocki K.J. „Dziecko niepełnosprawne jego rodzina i edukacja” Żak, Warszawa 1999
 Otto Speck „Niepełnosprawni w społeczeństwie. Podstawy ortopedagogiki”. GWP, Gdańsk 2005
 Ossowski R. „Kształcenie specjalne i integracyjne” Warszawa, Wyd. MEN 1999

6. Type of course: Obligatory**7. Teaching team** Department of Computer Systems**8. Course structure**

Form	Number of hours	Semester	Year
Lecture	15/10	3	2
Classes	15/8	3	2
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance: The written test**10. Language:** Polish

ECTS credits

3

1.Course-type of studies

Adult education (Andragogika)

2.DescriptionLecture

The theory and the practice of the adult education:

- basic notions: the adult education, the pedagogy of adults, the maturity, growing old, the self-education, the self-upbringing; - methods of examinations;
- Social and individual conditioning of the adult education: - social needs of supplementing the knowledge; - individual motives for the self-education - constant educating; - the labour market but the adult education;

Classes

Chosen problems of the didactics of adults: - the adult man as the students - styles and strategies of the learning of adults - methods of the learning of adults - institutions of the adult education

3.Prerequisites

Obligatory

4.Aim of the course

Leading into the theory and practice of adult education of the being, the need, the purpose, conditions, the correctness and the effectiveness of the adult education.

5.Literature

Ryszard Pachociński ; Andragogika w wymiarze międzynarodowym. W-wa 1998r.

Józef Półturzycki ; Dydaktyka dorosłych. Warszawa 1999r

Akademickie Towarzystwo Andragogiczne Rocznik Andragogiczny 2000 r. Warszawa – Toruń 2001.

Lucjan Turowski , Andragogika ogólna Warszawa 2004

6. Type of course: Obligatory**7.Teaching team**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	30/18	4	2
Exercises	15/10	4	2
Laboratory			
Project			
Seminar			
Total student's workload	90		

9: Conditions of the course acceptance:

lecture a written exam, ranking the – exercise

10.Language: Polish

ECTS credits

2

1. Course name

Pedagogical work

2. Course description**Lecture**

The notion, the object and tasks of the pedagogy of the work. Man - education - the work as basic agreements of achieving works in pedagogy. Genesis of the pedagogy of the work. Problem areas of the pedagogy of the work - educating pre job, pro job and constant education of adults (lifelong educations). Theoretical and methodological bases of the pedagogy of the work. Pedagogy of the work amongst pedagogic studies and theories about the work.

Classes

Problem areas of the pedagogy of the work – educating pre job, pro job and constant education of adults (lifelong educations).. Environment of the learning of adult people. The work and comprehending it. Distance educations

3. Prerequisites**4. Aim of the course**

Acquainting students with issues of the labour market. Handing over to the general and detailed wisdom from this scope. Exercising practical abilities of interpreting the occurrences connected with the labor market by exercising practical abilities and applying for a job. Inspiring the self-education of applying practical about the scope the theoretical knowledge.

5. Literature

1. Wiatrowski Zygmunt: Podstawy pedagogiki pracy. Bydgoszcz 2000
2. Kwiatkowski Stefan M. (red.): Kształcenie zawodowe. Rynek pracy. Pracodawcy. Warszawa 2000
3. M. Carnoy, Utrwalanie nowej gospodarki. Praca, rodzina i społeczność w wieku informacji. Toruń 2000;
4. J.Ryfkín, Koniec pracy. Wrocław 2001.
5. L Białoń. C. Pietras, T. Obrębki, S. Marcinak Perspektywy kapitału ludzkiego jako czynnika wzrostu gospodarczego Polski. Warszawa 2002;

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	15/10	4	2
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

lecture a written exam, ranking the – exercise

10. Language: Polish

ECTS credits

2

1. Course name

Axiology of social work

2. Course description

Axiology as the theory of values. Main problems of the axiology. Modern understanding of the culture. Alienation or participation. Danger of alienation of the culture (science, morality, religion, art and technology). Civilization of life and civilization of death. Motives of realization of the interpersonal solidarity. Works carrying out the human solidarity. Option for the poor. Basics of the consumer order. Ethics of the charitable organizations. Ethicality of Children's Aid Societies. Assistance in life and at death. Ethical context of charitable campaigns. Aims of the voluntary service and ethical foundations of the volunteer. Mass media and the social aid. Global dimensions of the justice and injustice.

3. Prerequisites

none

3. Aim of the course

Introducing the students to ethical circumstances of the social work. Convincing the students that high ethicality of persons leads to professionalism in the social work.

4. Literature

Kiereś H.: Wartości teoria (aksjologia). Powszechna Encyklopedia Filozofii. T. 9. Lublin 2008.

Ślipko T.: Zarys etyki szczegółowej. Etyka osobowa. Kraków 2005.

Kamiński T.: Praca socjalna i charytatywna. Warszawa 2004.

Gogacz M.: Ku etyce chronienia osób. Wokół podstaw etyki. Warszawa 1991.

Polityka społeczna, służby socjalne i kształtowanie pracowników socjalnych w Europie. Red. M. Kolankiewicz, A. Zielińska. Warszawa 1998.

Majka J.: Etyka społeczna i polityczna. Warszawa 1993.

Wojtyła K.: Elementarz etyczny. Wrocław 1982.

Godność człowieka a prawa ekonomiczne i socjalne. Warszawa 2003.

5. Type of course: Obligatory**6. Teaching team**

Department of Pedagogy

7. Course structure

Form	Number of hours	Semester	Year
Lecture	15/12	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

8. Conditions of the course acceptance:

The written test

9. Language: Polish

ECTS credits

2

1. Course name

Social Communication

2. Course descriptionLecture

Lecture:

The initial concepts and definitions. The basic models of the communication. The barriers of the communication. The mass communication - its features and functions. The basic rules of the mass media The transformations of the media system in Poland after the year 1989. The international communication and its forms. The national stereotypes. The instruments of the international communication (global and satellite television, international radio, the Internet). The main process of the communications in the organization. The interpersonal and collective communication. The main techniques and mechanisms of the commercial, public relations. The creating of the personal image.

3. Prerequisites

none

4.Aim of the course

The main aim of the course is to understand the significant aspects of the communication and the essential issues of the media and cooperation with media as well .The aim of the course is also to introduce the students into the social and international communication and into the vital concerns connected with public relations .

5.Literature

Dobek – Ostrowska B: Podstawy komunikowania społecznego, Astrum Wrocław 1999

Dobek – Ostrowska B(red): Studia z teorii komunikowania masowego, Wydawnictwo Uniwersytetu Wrocławskiego, Wrocław 1999

Fiske J :Wprowadzenie do badań nad komunikowaniem , Astrum Wrocław 1999

Goban -Klas T: Media i komunikowanie masowe, PWN warszawa 2000.

6.Type of course

Obligatory

7.Teaching team

Department of Pedagogy, Touristic and Recreation

8.Course structure

Form	Number of hours	Semester	year
Lecture	15/12	1	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

9.Conditions of the course acceptance:

lecture a written exam, ranking the – exercise

10.Language: Polish

ECTS credits

3

1. Course name

Methods of pedagogy research

2. Course description**Lecture**

Defining terms (such as: methodology, research stages, problem and research questions, research methods and techniques, research tools, subject of science research and its goal). Qualitative and quantitative research on education, triangulation, selection of sample to be researched, researcher attitude, poll research, institution monograph, individual case study, methods of observation, field and ethnographic research, ethical problems of pedagogy research.

3. Prerequisites

None

4. Aim of the course

Knowledge of Basic methodology terms . Familiarization with researcher attitudes postulated by particular methodology paradigms. Familiarization with qualitative and quantitative research . Familiarization with triangulation for knowingly joining qualitative and quantitative methods for own research. Familiarization with methods of pedagogy research.

5. Literature

Denzin N.K., Lincoln Y.S., Wkraczenie na pole badań jakościowych. Wprowadzenie do podręcznika, Acta Universitatis Nicolai Copernici, Socjologia wychowania XIII, Toruń 1997.

Hammersley M. Atkinson P., Metody badań terenowych, Zys i S-ka, Poznań 2000.

Kawecki I., Metoda etnograficzna w badaniach edukacyjnych, Łódź 1994.

Kawecki I., Etnografia i szkoła, Kraków 1996.

Łobocki M., Metody i techniki badań pedagogicznych, Kraków 2000.

Nachmias Ch.F., Nachmias D., Metody badawcze w naukach społecznych, Poznań 2001

Malewski M., Teorie andragogiczne. Metodologia teoretyczności dyscypliny naukowej, Wrocław 1998.

Piekarski J., Urbaniak-Zajac D. (red.), Jakościowe orientacje w badaniach pedagogicznych, Wydawnictwo Uniwersytetu Łódzkiego, Łódź 2001.

Pilch T., Zasady badań pedagogicznych, Warszawa 1998.

Rubacha K., Badania etnograficzne w edukacji, Kwartalnik Myśli Społeczno – Pedagogicznej. Terazniejszość – Człowiek – Edukacja 2001, nr. 1(13).

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	30/18	4	2
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

The written test

Outlines

10. Language: Polish

ECTS credits

3

1. Course name

The Law regulated by Social assistance in Poland- insurance form citizen and foreigners, granted the subsidiary protection on the territory of Poland

2. Course description

Legislation for social system in Poland. Social system regulated by the Law of 12 March 2004 on Social Assistance Central and local administration in cooperation with organizations such as foundations.

The following reasons for social assistance.

Social insurance in Poland

Social system in municipalities and communes – social assistance centers, districtscentres for family support and regional social policy centers.

The main groups of social assistance beneficiaries are as follows, the homeless, the unemployed, the disabled and the dependent people (care services, social assistance homes, cash benefits) the poor.

Different forms of non-financial form of social work, care services, specialist counseling - mainly legal and psychological.

3. Prerequisites

none

4.Aim of the course

Discussion about ways of social assistance in Poland.

5.Literature

W drodze ku profesjonalizacji pracownika socjalnego, (2008) (red.) B. Matyjas, Wyd. AŚ, Kielce
Marynowicz-Hetka E., J.Piekarski, D.Urbaniak-Zajac (1998) (red.), Pedagogika społeczna i praca socjalna, Wyd. UŚ, Katowice

Lalak D., Pilch T. (1999) Elementarne pojęcie pedagogiki społecznej i pracy socjalnej, PWN, Warszawa

Mikołajewicz E (1999) Praca socjalna jako działanie wychowawcze, Katowice

6.Type of course: Obligatory**7.Teaching team**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15/12	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	90		

9.Conditions of the course acceptance:

Exam

Writing test

10.Language:Polish

ECTS credits

3

1. Course name

The theoretical basis of social work

2. Course descriptionLecture

The institution of social worker.

The most serious social problems in Poland.

Social relations and social structure.

Pedagogical activity in local society. Involved people in social work.

Social contracts and local institutions.

Class

Childhood as a social category. Child's life conditions in family, peer group and school.

Actual problems of homeless.

Alternatives in social work.

Work's activity as actual problem in Poland.

Old people's problems and ways in social work.

3. Prerequisites

none

4.Aim of the course

Discussion about difficult practical and theoretical goals and tasks and a short outline of all social changes. Problem the economic and psycho-cultural context of all social changes.

5.Literature

W drodze ku profesjonalizacji pracownika socjalnego, (2008) (red.) B. Matyjas, Wyd. AŚ, Kielce

Marynowicz-Hetka E., J.Piekarski, D.Urbaniak-Zajac (1998) (red.), Pedagogika społeczna i praca socjalna, Wyd. UŚ, Katowice

Lalak D., Pilch T. (1999) Elementarne pojęcie pedagogiki społecznej i pracy socjalnej, PWN, Warszawa

Mikołajewicz E (1999) Praca socjalna jako działanie wychowawcze, Katowice

6.Type of course

Obligatory

7.Teaching team

Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15/12	4	2
Classes	15/12	4	2
Laboratory			
Project			
Seminar			
Total student's workload			

9.Conditions of the course acceptance:

Exam

Written test

10.Language: Polish

ECTS credits

2

1. Course name

Sociotherapy

2. Course description**Laboratory**

Students learn theoretical background sociotherapy: main concepts, definitions, types, forms and styles of therapeutically interventions , therapeutically methods and techniques. They also learn about applications of sociotherapy in assistance children with behavior and emotional disorder. The objective of the course is to provide students with theoretical knowledge concerning aims sociotherapy and behavior disorder indicator.

3. Prerequisites

None

4.Aim of the course

Independently write program therapy for child with emotional and behavior disorder.

Prepare students for job in educational institution.

5.Literature:

Aleksandrowicz, J., *Psychoterapia. Podręcznik dla studentów lekarzy i psychologów*, Warszawa 2000

Corey G., Corey M. *Zasady i techniki pracy grupowe*, Instytut Psychologii Zdrowia i Trzeźwości Warszawa 1997

Grzesiuk L. (red), *Psychoterapia. Szkoły, zjawiska techniki i specyficzne problemy* Warszawa, PWN 1994

Sawicka K., *Socjoterapia. MEN*, Warszawa 1998

6.Type of course

Obligatory

7.Teaching team

Department of Pedagogy, Touristic and Recreation

8.Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	30/18	4	2
Laboratory			
Project			
Seminar			
Total student's workload	60		

9.Conditions of the course acceptance:

The written test

10.Language: Polish

ECTS credits

2

1. Course name

Basic Problems of Human Biopsychic Development During Life Cycle

2. Course descriptionLecture

Ontogenetic and phylogenic development. Characteristics of developmental dynamics. Kind of health determinants. Critic periods during the development. Biological, psychological and social theories of development. Biological processes of structure and function development. Localization of psychic functions in brain. Psychosocial aspects of the development during the infancy and early childhood. Reflex abnormalities indicating a central nervous system lesion. Psychosocial aspects of the development during the middle-childhood period. Psychosocial aspects of sexual maturation. The significance of psychic gender. Development of psychosocial individuation. Schemes of adulthood. Maturity as a psychological concept. Attribution of intimacy and development of close relationships with other persons. Development of relation to children. The influence of involution process on the attitude and behavior. Culture and the models of adulthood. Specific aspects of health in late adulthood. Psychological theories of dying. Mourning as a specific form of deficiency coping.

3. Prerequisites

None

4. Aim of the course

Receiving knowledge on basic factors influencing health during the human development. Recognition of the importance of health behavior. Recognition of the specific somatic, psychological and social disorders during the developmental periods.

5. Literature

Birch A., Malim T. (2002) – *Psychologia rozwojowa w zarysie*. Wydawnictwo Naukowe PWN, Warszawa

Jethon Z., Grzybowski A. (2000) – *Medycyna zapobiegawcza i środowiskowa*. Wydawnictwo Lekarskie PZWL, Warszawa

Krzyżowski J. (2004) – *Psychogeriatrya*. Wydawnictwo Medyk, Warszawa

6. Type of course: Obligatory**7. Teaching team**

Department of Tourism and Recreation

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/24	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

The written test

10. Language: Polish

ECTS credits

2

1. Course name

The caring- educational labour methodology.

2. Course description**Lecture**

The school educator as an organizer of the caring-educational labour. (the range of duties, the documentation, the specificity of profession, the principles of outline's creation (the methodical plan)). Selected methods of working with group (a decision -making tree, swot analyses, ' thinking- hats method', panel discussion, group decision technique, drama technique, pictures etc.). Working out the scripts for the educational classes : methods selections and working techniques for selected subjects: friendship, values, conflicts, creative thinking, advantages and disadvantages, dreams, plans for future etc.)

3. Prerequisites

none

4. Aim of the course

The students preparation for leading classes on the range of educational subjects in schools, and common rooms.

Practicing the abilities to use the active methods in working with the teenagers.

The creation of the abilities to individual classes leading on chosen subject.

5. Literature

Dudziak Urszula: *Wychowanie w klasie szkolnej. Scenariusze godzin wychowawczych dla szkół ponadpodstawowych*. Warszawa: WSiP, 2002

Gruszka Magdalena, Janiak Iwona, Prarat Justyna: *Scenariusze godzin wychowawczych dla gimnazjum i szkół ponadgimnazjalnych*. Wyd.2. Gdańsk: Wydaw. „Harmonia”, 2003

Gruszka Magdalena, Janiak Iwona, Prarat Justyna: *Scenariusze godzin wychowawczych dla szkoły podstawowej*. Gdańsk: Wydaw. „Harmonia”, 2003

Hamer Hanna: *Bliżej siebie. 10 ważnych tematów – scenariusze 20 lekcji ułatwiających poznanie siebie i rozwój*. Warszawa: Wydaw. „Veda”, 2001

Kosińska Ewa, Zachara Barbara: *Profilaktyka pierwszorzędowa w szkole: scenariusze zajęć z uczniami gimnazjum i szkół ponadgimnazjalnych*. Kraków: Wydaw. „Rubikon”, 2003

Pisanko Marzena: *Kształtowanie pozytywnej postawy ucznia wobec szkoły. Scenariusze zajęć*. Łódź: Wydaw. WING, 2001

Braun-Gałkowska Maria, „W tę samą stronę”, Warszawa : Wydaw. Krupski i S-ka, 1994

Grażyna Gajewska, Anna Szczesna, Artur Doliński. *Warsztat pracy pedagoga: zbiór scenariuszy i konspektów*. Zeszyt. 1, 2, 3, 4 / - Zielona Góra: Stowarzyszenie Edukacyjne Pedagogów Praktyków „Cogito”, 1998 (1999, 2000)

Mariola Chomczyńska – Miliszkiewicz, *Podróż w nieznane. O miłości, seksie i rodzinie. Scenariusze zajęć*. Warszawa 1999.

Stryczniewicz Barbara: *Spotkania w klasie szkolnej. Propozycje scenariuszy na godziny wychowawcze dla uczniów gimnazjum (i nie tylko)*. Kraków: Oficyna Wydaw. „Impuls”, 2003

Zajączkowski Krzysztof: *Lekcje wychowawcze w gimnazjum*. Kielce: Wydaw. „Jedność”, 2003

E.Brudnik, A.Moszyńska, B.Owczarska, *Ja i mój uczeń pracujemy aktywnie*, Kielce 2003

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	30/24	5	3
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Outline and leading the classes with active methods.

10. Language: Polish

ECTS credits

4

1. Course name**Promotion of health****2. Course description**

Lecture Introduction. Basic terms: health, promotion of health, rules of promotion of health. Progress in health promotion – from Alma-Ata to Bangkok: - rules of operation and values in health promotion; - realization of aims and tasks in health promotion; - implementing initiatives in health promotion; - documents and ideas of health promotion; Theory and practice of health promotion: - increasing interest in health promotion; - operation strategies in health promotion; - evaluation of health needs as the first step in health promotion; - the primary rule of health promotion – investing in health; Basic health and environment conditions, which facilitate health. Health promotion on national and local level. Health promotion in workplace.

Planning and implementing programmes of health promotion. Evaluation. Six-grade model of evaluation of health promotion programmes. Prevention of diseases. Health policy. Health behaviour. Main health risks and health problems for population in Poland. Developing pro-health attitudes at various stages of human development. Realisation of health promotion in Poland, in accordance with the European Union regulations.

European Union documents. Priorities in health promotion in XXI century.

3. Prerequisites

participation in lectures

4. Aim of the course

The aim of the lecture is the introduction to the theory and practice of health promotion. Introducing the students to the rules of implementation of health promotion programmes, their evaluation and assessment. Equipping them with the knowledge regarding the realisation of health promotion in the following kinds of environment: national, local and workplace. Informing them on the main health-related risks and the ways of fighting them. Discussing the activities in health promotion on the international level. Familiarising them with European Union documents.

5. Literature

Pike S., Forster D., (1998), Promocja zdrowia dla wszystkich, przekł. z jęz. ang. U. Gąsowska, R., Giszczak, „Czelej”, Lublin.

Karski J. B. (red.), (2006), Praktyka i teoria promocji zdrowia: wybrane zagadnienia Wydawnictwa Fachowe „CeDeWu”, Warszawa.

Karski J.B. (red.), (2006), Postępy promocji zdrowia przegląd międzynarodowy, Wydawnictwa Fachowe „CeDeWu”, Warszawa.

Karski J.B., (1999), Promocja zdrowia, Wydanie nowe, Wydawnictwo „IGNIS” Warszawa.

Karski J.B., Słońska Z., Wasilewski B., (1994), Promocja zdrowia: wprowadzenie do zagadnień krzewienia zdrowia, Sanmedia, Warszawa.

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes	15 /8		
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

laboratory

lecture – acceptance based on attendance and students' individual written assignments.

10. Language: Polish

ECTS credits

3

1. Course name

Social pathology

2. Course descriptionLecture

Ritual initiation contemporary youth, alcohol and drugs in the life.

“Torn socialization”, reasons of inaccessibility, implications in the history of the life.

Pathology and families’ problems as correlate in criminal youth. Dysfunctional family.

Negative social effects witch prisoners population in penal units.

Class

Between sexual education and sexual aggressive.

Sects. Youth subcultures.

Yourself killing. Terrorism, criminal groups

Aggressiveness teenagers.

3. Prerequisites

none

4.Aim of the course

The aim is to show the problems in dysfunctional family.

The discussion about pathology and aggressive behaviors.

5.Literature

Dylematy współczesnej profilaktyki i resocjalizacji [w:] A. Kieszkowska (2008) (red.) Wyd. Uniwersytetu Humanistyczno-Przyrodniczego, Kielce

Hołyst B. (1983) Samobójstwo – przypadek czy konieczność, Warszawa

Patologia społeczna w strukturze przeobrażeń ustrojowych Polski, Bielicki F., Sołtysiak T. (red.), (1994) Bydgoszcz

Pospiszyl I. (2008) Patologie społeczne, Warszawa

Pospiszyl K. (2005) Przystępstwa seksualne, Warszawa

Urban B. (2000) Zaburzenia w zachowaniu i przestępczość młodzieży, Wyd. UJ, Kraków

6.Type of course

Obligatory

7.Teaching team

Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes	15/8	4	2
Laboratory			
Project			
Seminar			
Total student's workload	90		

9.Conditions of the course acceptance:

Exam, Written test

10.Language: Polish

ECTS credits

1

1. Course name

Sociotherapy

2. Course description**Laboratory**

Students learn theoretical background sociotherapy: main concepts, definitions, types, forms and styles of therapeutically interventions , therapeutically methods and techniques. They also learn about applications of sociotherapy in assistance children with behavior and emotional disorder. The objective of the course is to provide students with theoretical knowledge concerning aims sociotherapy and behavior disorder indicator.

3. Prerequisites

none

4.Aim of the course

Independently write program therapy for child with emotional and behavior disorder.

Prepare students for job in educational institution.

5.Literature:*Aleksandrowicz, J., Psychoterapia. Podręcznik dla studentów lekarzy i psychologów, Warszawa 2000**Corey G., Corey M. Zasady i techniki pracy grupowe, Instytut Psychologii Zdrowia i Trzeźwości Warszawa 1997**Grzesiuk L. (red), Psychoterapia. Szkoły, zjawiska techniki i specyficzne problemy Warszawa, PWN 1994**Sawicka K.. Socjoterapia. MEN, Warszawa1998***6.Type of course**

Obligatory

7.Teaching team

Department of Pedagogy, Touristic and Recreation

8.Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	30/18	4	2
Laboratory			
Project			
Seminar			
Total student's workload	60		

9.Conditions of the course acceptance:

The written test

10.Language: Polish

ECTS credits

2

1. Course name**Methodology of health prophylaxis****2. Course description****Lecture**

The concept of health, and health prophylaxis. Factors conditioning health with health paradigms.

Forms and methods of numerous prophylactic interventions at various stages of development of health spoiling.

Significance of physical activity to health. Risk factors for the circulatory system – related illnesses: smoking tobacco, overweight, arterial hypertension, libido malfunctions, diet. Risk factors for disturbing physique and posture defects. Methods of treatment and prophylaxis. Risk factors within lifestyle. Prophylactic health care for school children on the national level and district level.

Classes

HIV/AIDS prophylaxis in relation to sexual activity. Prophylactic measures among children and youth. Prenatal care – diagnosis methods. Preventing the use of psychoactive substances

Preventing viral hepatitis in Poland – prophylaxis methods. The basics of the prophylaxis of non-contagious and contagious diseases. Up-to-date vaccination schedule.

Prophylaxis of the cancer of the neck of uterus, vaccination for HPV and prophylaxis of breast cancer. Programme of prophylactic tests for women and men in proper age categories.

Dental prophylaxis. People's personal health and body care. Mental health – psychoprophylaxis. Methods of unconventional medicine in treatment and prophylaxis.

3. Prerequisites

none

acceptance of classes for the methodology of health prophylaxis.

4. Aim of the course

The aim of the lecture is to equip students with the knowledge regarding maintaining fitness by preventing illnesses, their early detection and treatment. Introducing to the forms and methods of numerous prophylactic interventions at various stages of health problems development. Presenting the most important aims of health prophylaxis for school children.”.

5. Literature

Bulicz E., Murawow I., (2006), Czy profilaktyka medyczna prowadzi do zdrowia?, Wydawnictwo Politechniki Radomskiej, Radom.

Karski J.B., (1999), Promocja zdrowia, Wydanie nowe, Wydawnictwo „IGNIS”, Warszawa.

Kuński H., Janiszewski M., (1999), Medycyna aktywności ruchowej dla pedagogów, Wydawnictwo Uniwersytetu Łódzkiego, Łódź.

Kuński H., (2000), Promowanie zdrowia, Wydawnictwo Uniwersytetu Łódzkiego., Łódź.

6. Type of course

Obligatory

7. Teaching team

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/10	4	2
Classes	15/8	4	2
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

lecture – written test

classes - acceptance based on attendance and active participation in classes

10. Language: Polish

ECTS credits

1

1. Course name

The Lecture to selected: Multicultural education

2. Course description**Lecture**

Conditions and development of globalization process. "Global" identities (virtual, postmodern,), cultural identity, state of multiculturalism research, borderland-traditional and present understanding, goals and functions of multicultural education. Chosen examples of using multicultural education.

3. Prerequisites

None

4. Aim of the course

Familiarization with terms connected to multicultural education such as multiculturalism, globalization, identity, culture. Understanding content of multicultural education. Familiarization with goals and assumptions of multicultural education. Familiarization with educational actions taken on cultural borderland understanding local and global character of multicultural education.

5. Literature

Bauman Z., Globalizacja, PIW, Warszawa 2000

Gajda J., Antropologia kulturowa wprowadzenie do wiedzy o kulturze, cz., I, wyd., „Adam Marszałek”, Toruń, 2004

Giddens A., Socjologia, PWN, Warszawa 2006

Kłoskowska A., Kultury narodowe u korzeni, PWN, Warszawa 2005

Nikitorowicz J., Pogranicze Tożsamość Edukacja Międzykulturowa, wyd. „Trans Humana” Białystok 2001

Sztompka P., Socjologia, Analiza Społeczeństwa, „Znak” Kraków 2002

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	3	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

The written test

Outlines

10. Language: Polish

ECTS credits

1

1.Course name

Elective Lecture: "Pedagogy in manners of everyday life"

2. Course descriptionLecture

Diplomacy: history, ceremonials, attire, visits and banquets; Legal norms, moral norms, customs; Meetings and celebrations. Dining manners; Main rules of elegance, most common faults. Elegance versus fashion; Manners on a street, in a car and taxi; Manners in family home, students' hostel and rented apartment; Manners in theater, cinema, restaurant, café bar, pub; Manners during concert and disco; Manners on vacations and excursion; New challenges: internet, cellular phone, beer, chewing-gum.

3. Prerequisites

none

4. Aim of the course

Knowledge increase regarding manners and etiquette in everyday life based on elements of diplomatic ceremonial.

5. Literature:Pietkiewicz Edward, *Protokół dyplomatyczny*, Warszawa 1990Pietkiewicz Edward, *Savoir vivre dla każdego*, Warszawa 1997Przewoźniak Marcin, Jabłczyńska Joanna, *Współczesny savoir-vivre dla nastolatków*, Poznań 2007**6. Type of course**

Elective lecture.

7.Teaching team

Department of Pedagogy, Touristic and Recreation

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	3	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9.Conditions of the course acceptance:

Frequency and written work

10. Language: Polish

ECTS credits

2

1. Course -type of studies

Graduation seminar

2. Description

This seminar will explicate the principles of writing a graduation thesis. This will include: its substantive aspects and the drafting and editing aspects of the writing process; the meaning of critical thinking and research methods used in pedagogy; determination and formulation of thesis subject and definition of thesis goals; plan of work; ethical aspects of thesis writing (i.e. risk of plagiarism and its consequences); the researcher's ethical code; analysis of source text and gathering and work on the sources; writing chapters; discussing problems related to the thesis and searching for solutions in the colloquium group setting; the final stage of writing: editing the preface, creating a bibliography and annexes, correcting mistakes, and having the thesis accepted and marked.

3. Prerequisites

The requirements defined in PWSZ regulations.

4. Aim of the course

The main goal of the diploma seminar is to increase students' knowledge in specified science fields, to improve their abilities of critical thinking and study of research methods, to extend their abilities of defining investigation problems and to search for creative solutions

5. Literature

1. Palka S. (1999), Pedagogika w stanie tworzenia. Wyd. UJ, Kraków
2. Palka S. (2003), Pedagogika w stanie tworzenia: kontynuacje. Wyd. UJ, Kraków
3. Palka S. (2006), Metodologia badania: praktyka pedagogiczna. GWP, Gdańsk
4. Boć J., konsultacja filologiczna J. Miodek (2003), Jak pisać pracę magisterską. Kolonia Limited, Wrocław
5. Węglińska M. (1997), Jak pisać pracę magisterską. Oficyna Wydawnicza „Impuls”, Kraków

6. Type of course: Obligatory**7. Teaching team**

Institute of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Exercises			
Laboratory			
Project			
Seminar	15	4, 5, 6	2, 3
Total student's workload			

9. Conditions of the course acceptance:

Numeric grade

10. Language: Polish

ECTS credits

1

1.Course name

Information Technology

2.Course descriptionLaboratory

1. Basis conceptions and definitions used in Computer Science
2. Elements of architecture and functioning of a computer
3. The introduction to the computer usage
4. The basic characteristics of operational system Windows XP or Windows Vista: functions of the operational system
5. Internet: characteristics, functions and usage of the Internet, the services available in Internet
6. Text editors on the example of WORD 2003 or 2007: the edition of the complex documents (with many pages), charts, inserting of the graphics (advanced methods), the edition of the mathematical formulas, the table elements of documents (paginations, headlines, footers), creation of the contents and index (subscripts, superscripts), tabulator, numbering, bullets, formatting a text in columns, the serial correspondence, forms, automation of the work, planning and creating professional documents and publications, computer composing of the compact descriptions
7. Computer data analysis (the area of usage of the data analysis), the rule of sheet's creation, types and structures of data, implementation and formatting of data, basic statistical analysis. The advanced topics: the elements of programming in calculating sheet, management of the sheets and folders, sheet as the data basis (addition of the records, sorting and managing the lists, using filters, sheet for the group work, advanced formulas and functions, presentations of the graphical data - MICROSOFT MAP, presentations and preparations of large printed papers, advanced operations on lists (pivot tables, chart), macrodefinitions, preparations of algorithms of economic problems.
8. Work in program used for creating the presentations Power Point or FLASH. Preparing own presentation

3.Prerequisites

None

4.Aim of the course

The main goal of the lecture is the introduction of the basic informatical knowledge about the using of the most commonly used software. Learning students about the basic definitions, practical skills and learning them how to perceive, formulate and solve the problem.

The usage of the information technology while creating the own basis of the intellectual work: conversion of texts, the rules of using the calculating sheet, data basis, the managers graphics and presentations and services in informatic nets.

5.Literature

1. R. Supranowicz, L. Łozowski, *Systemy operacyjne Windows oraz Microsoft Office 2000 w praktyce*, PWSZ im Witelona w Legnicy, 2005
2. R. Supranowicz, L. Łozowski, *Windows Vista oraz Office 2007 Professional w praktyce*, PWSZ im. Witelona w Legnicy, 2008
3. A. Bąk (red.), *Wprowadzenie do informatyki dla ekonomistów*, Wyd. AE Wrocław 2000
4. Z. Dec; R. Konieczny, *ABC...komputera 2000*, EDITION 2000, Kraków, 2000
5. K. Kluczna, *ABC...Windows 2000*, EDITION 2000, Kraków, 2000

6.Type of course: Obligatory**7.Teaching team:**

Department of Basic Sciences

8.Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes			
Laboratory	30/24	5	3
Project			
Seminar			
Total student's workload	30		

9.Conditions of the course acceptance:

Laboratory and written test are the conditions of ranking the course.

10.Language: Polish

ECTS credits

7

1. Course name

The Media in the Education

2. Course descriptionLecture

Mass - Media and Hyper - Media – basic concepts. The functions and theories of the Mass-Communication. The models of Mass-Communication. The Television and its sorts. Everyday life with a TV set. More Media : the radio, the film, the cinema, the books, the press; The Hyper- Media – the computer and the Internet. Violence in the Media. The Media vs. the Education / the Media and the Education. The Visions of the Media-Education in personal researches. The Media as the educational environment. The danger and the chances of using the Media by Media Recievers.

Classes

Working out the script for the Media – Education course. (The judgement on the Modern Television). What the Modern Press can present to us? We and the Media. The Information in the Media. The Media as an addiction. The popular music (the analysis of music's lyrics).

3. Prerequisites

None

4.Aim of the course

The preparation for critical and rational reception of the Media.

The preparation for using the Media as the present days tools.

Cognition of wide theoretical background explanatory the activity of the Modern Media.

5.Literature

1. B. Dobek – Ostrowska (red.) , *Studia z komunikowania masowego*, Wrocław 1999
2. T. Gabon-Klas T, *Media i komunikowanie masowe*, Warszawa, Kraków 2000
3. W. Godzic W, *Telewizja i jej gatunki*, Kraków 2004
4. J. Gajda J, *Media w edukacji*, Kraków 2007
5. M. Kowalski M, Drożdż M, *Przemoc i zdrowie w obrazach telewizyjnych*, Kraków 2008
6. E. Grzesiuk, R. Janicka – Szyszko, M. Steblecka, *Edukacja medialna. Scenariusze zajęć*, Gdańsk 2005
7. Strykowski W (red) *Scenariusze zajęć z edukacji czytelnicznej i medialnej*, Poznań 2002
8. Zielińska – Pękał, *Iluzje – Interpretacje – Iluminacje. O przekazie telewizyjnym badacze i gimnazjaliści*, Kraków 2007
9. W. Godzic, *Rozumieć telewizję*, Kraków 2001
10. M. Ostrowiecki, *Wirtualne realia w epoce elektroniki*, Kraków 2006
11. W. Jakubowski, E. Zierkiewicz, *Edukacyjne konteksty kultury popularnej*, Kraków 2002

6.Type of course: Obligatory**7.Teaching team :**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	30/24	6	3
Classes	15/12	6	3
Laboratory			
Project			
Seminar			
Total student's workload	210		

9.Conditions of the course acceptance:

The written test

Outlines

10.Language: Polish

ECTS credits

4

1. Course name

Family education

2. Course descriptionLecture

Assistance of child and teenager development in the family. Understanding family in pedagogy, pedagogic typology of family, marriage conflicts – recognition and prevention. Sexual education. Emotions in family relations. Differences and stereotypes of gender. Challenges of motherhood and fatherhood. Family in view of modern reality.

3. Prerequisites

None

4. Aim of the course

Familiarization with chosen concepts of education in pedagogy. Perception of multiaspect functions of parenting in the family. Familiarization with pedagogic understanding of the family. Characteristic of emotional and sexual development of children and teenagers. Determination of emotions in social relations familiarization with typology of family conflicts and methods of its prevention. Identification of new challenges which modern family faces with.

5. Literature

1. B. Śliwowski, Współczesne teorie i nurty wychowania, Oficyna Wydawnicza Impuls, Kraków 2005
2. K. Oatley, J. M. Jenkins, Zrozumieć emocje, PWN, Warszawa 2003
3. A. Kuczyńska, E. K. Dzikowska (red.), Zrozumieć płęć, Studia interdyscyplinarne, wyd. -UWR, Wrocław 2004
4. S. Kawula, J. Brągiel, A. W. Janke, Pedagogika rodziny, obszary i panorama problematyki, wyd. Adam Marszałek, Toruń 2007
5. Nowak-Dziemianowicz, Doświadczenia rodzinne w narracjach, Interpretacje sensów i znaczeń, DSWE, Wrocław 2006
6. S. Hełpa, T. Witkowski, Psychologia konfliktów, Biblioteka moderatora, 2004
7. R. Campbell R., Sztuka zrozumienia, Oficyna Wydawnicza Vocatio, Warszawa 1999
8. S. Forward, Toksyczni rodzice, Jacek Santorski & CO Agencja Wydawcza, Warszawa 1997
9. D. Kornas-Bieli (red.), Oblicza macierzyństwa, Wydawnictwo Katolickiego Uniwersytetu Lubelskiego, Lublin 1999,
10. K. K. Tackett, Wyzwania macierzyństwa, jak być szczęśliwą matką, GWP, Gdańsk 2003
11. B. Woiciszke, Psychologia miłości, GWP, Gdańsk 2006
12. J. Pulikowski, Warto być ojcem. Najważniejsza kariera mężczyzny, Inicjatywa Wydawnicza – erozolima, Poznań 1999

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/15	5	3
Classes	24/12	5	3
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

The written test

Outlines

10. Language: Polish

ECTS credits

4

1.Course name

Special Education

2. Course description

Introduction to special education — scope, subject and goals of special education. Branches of special education. Historical outline of special education in Poland and abroad. New horizons in special education. Ortho-pedagogy — the system during times of change. Paradigm of retardation and its consequences. Basics of oligophreno-pedagogy. Classifications and characteristics of mental retardation. Causes of mental retardation. Application of modern information and communication technology in work with mentally disabled students. Family and mentally disabled child. Basics of typhlo-pedagogy (blind education). Psychosocial and physical aspects of the lack sight analyzer or its impaired functions. Selected problems of rehabilitation of the blind and the visually impaired. Social (re)adaptation of the visually impaired. Outline of deafblindness related problems. Basics of surdo-pedagogy (education of the deaf and hard of hearing). Impact of deafness on psychosocial functioning. The main directions of rehabilitation of the deaf and hard of hearing children. Basics of therapeutic education. Impact of chronic and terminal disease on the person's psychosocial condition. Psychological and pedagogical care of cancer stricken children. Carl Simonton's method — (RBT) — Rational Behavior Therapy. Common problems of "special" care, education, and social support. CONDUCTIVE EDUCATION SYSTEM — integration of rehabilitation, education and social efforts

3.Prerequisites: none**4.Aim of the course**

Providing students with basic special education related information. Stimulation of students' interest in problems of a "disabled child." The skill of application of the acquired knowledge for stimulation of "normal" behaviors and creation of the climate of social integrity — social environment. Preparation of future employees, teachers, and pedagogues to introduce and implement "therapeutic education".

5.Literature**Basic**

1. R. Szczepanik, *Elementy pedagogiki specjalne*, WSH-E Łódź 2007
2. W. Dykcik, *Pedagogika specjalna*, Wydawnictwo Naukowe UAM, Poznań 2005
3. Z. Sękowska Z., *Wprowadzenie do pedagogiki specjalnej*, Wyd. APS, Warszawa 2001

Supplementary

1. K. J.Zabłocki, *Dziecko niepełnosprawne jego rodzina i edukacja*, Żak, Warszawa 1999
2. Otto Speck, *Niepełnosprawni w społeczeństwie, Podstawy ortopedagogiki*, GWP, Gdańsk 2005
3. R. Ossowski, *Kształcenie specjalne i integracyjne*, Warszawa, Wyd. MEN 1999

6. Type of course: Obligatory**7.Teaching team:**

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/24	5	3
Classes	15/12	5	3
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

The written test

10. Language: Polish

ECTS credits

3

1.Course name

Rehabilitative (resocialization) pedagogy

2.Course descriptionLecture

Prison as a specific place in which individual and rules of institution touch each other. Prison as institution predominate over every part of human life. Accessibility to employment and education of people deprived of freedom. The role of physical activity – sport in contemporary prisons. The role of sport in free time organization, and the level of prisoners physical activity. Analysis of religion activity. Priest opinions and their problems concern doing their job. The situation of the family when people are in prison. The problems of informal structures in the prison societies. Informal social structure. Motives of participation in the prison subculture.

Class

Contemporary Systems of resocialisation. Diagnosis in resocialisation. Concepts, aims and tasks of rehabilitation pedagogy. Rehabilitation pedagogy in social science system.

Subjects, interactions, institutions and educational systems in the light of rehabilitation pedagogy. Model of social deviation and non-adaptation. Prognosis in rehabilitation.

3.Prerequisites

None

4.Aim of course

The goal of the course is to present the living conditions of prisoners in Polish penitentiaries, and the analyse contemporary problems of penology and reclamation goals of freedom deprivation. The main goal of the lecture is introduction to the situation people in the prisons and analyse model of social deviation and non-adaptation.

5.Literature

1. M. Konopczyński, *Metody twórczej resocjalizacji*, PWN, Warszawa 2006
2. H. Machel, *Sens i bezsens resocjalizacji penitencjarnej, casus polski*, Wyd. UG, Gdańsk 2006
3. L. Pytka, *Pedagogika resocjalizacyjna*, ASP, Warszawa 2001.
4. A. Szymanowska, *Więzienie i co dalej*, Wydawnictwo „Żak”, Warszawa 2003

6.Type of the course: Obligatory**7.Teaching team**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15/12	5	3
Classes	15/12	5	3
Laboratory			
Project			
Seminar			
Total student's workload	90		

9.Conditions of the course acceptance:

Lecture- written test

Class- written test

10.Language: Polish

ECTS credits

3

1.Course name

Bases of the gerontology

2.Course descriptionLecture

The gerontology and the geriatrics (the analysis of terms). Ageing processes of the man:-reasons and stages of the senescence, the longevity and her conditionings, problems of the resistance in III the age. The psychological context of the senescence of the man. The dimension of measurements of the living space of people in II the age. Consequences of the choice of educational ways of the man from the perspective of the old age. The man in the face the perspective of the senescence; the positive thinking about the last stage of life. Some problems of the activity social-cultural within a period of the late adulthood.

3.Prerequisites

None

4.Aim of the course

The realization to students of the meaning of the last stage of life of the man is which the old age,

The exhibition of manners favoring to the good survival of the old age,

The indication on the need of the early preparation to the life in the old age.

5.Literature**Basis**

1. Z. Szarota, *Gerontologia społeczna i oświatowa*. Zarys problematyki. Kraków 2004
2. *Geriatrya z elementami gerontologii ogólnej* (red. Grodzicki T., Kocemba J., Skalska A.), Gdańsk 2007
3. *Polska starość* (red. Synak B.), Gdańsk 2002
4. W. Pudlich, *Ludzie starzy*. Warszawa 1996
5. M. Halicka, *Satysfakcja życiowa ludzi starych*, Białystok, Akademia Medyczna 2004
6. D. Chora, *Życie bez starości. Młode ciało. Ponadczasowy umysł* (z angielskiego przełożył G. Woźniak), Warszawa 1995
7. J. Semków, *Biograficzne konsekwencje wyborów edukacyjnych człowieka z perspektywy późnej dorosłości* [w:] Drogi edukacyjne i ich biograficzny wymiar (red. Dubas E., Czerniawska O.), „Biblioteka Edukacji Dorosłych” t.27, Warszawa 2002, s. 127-134
8. J. Semków, *Indywidualny wymiar przeżywania okresu późnej dorosłości przez człowieka uwikłanego w kontekst nieprzewidywalnego jutra* [w:] Pomyślne starzenie się w perspektywie nauk społecznych i humanistycznych (red. J.T. Kowaleski, P. Szukalski), Łódź 2008.

Suplement

1. O. Czerniawska, *Drogi i bezdroża andragogiki i gerontologii*. Łódź 2000.
2. N. Coni, W. Davisom, Webster S., *Starzenie się* [z angielskiego przełożyła Joanna Lipka], PWN, Warszawa 1994

6.Type of course

Obligatory

7.Teaching team

Department of Pedagogy, Touristic and Recreation

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15/12	5	3
Classes	15/12	5	3
Laboratory			
Project			
Seminar			
Total student's workload	90		

9.Conditions of the course acceptance:

Lecture- written test

Class- written test

10.Language: Polish

ECTS credits

4

1. Course name

Health Psychology

2. Course descriptionLecture

Historical background of the health psychology. The importance of psychological and social factors for health. Definition of health in psychology and related disciplines. Chosen models and hypotheses applied to health psychology. Behavioral determinants of health and disease. Cognitive determinants of health and disease. Resistance deficits and their significance for disease progress. The importance of social support. Psychodynamic hypotheses of somatic disturbances and diseases. The significance of psychological factors in stress coping. Disease as a stress event. The meaning of pain in psychic and somatic diseases. The role of cognitive factors in health behavior conditioning. Attitude, its components and its significance for the quality of life style. The importance of developmental periods for health behavior. The characteristics of causes and of disorders and psychic diseases during the regressive period.

3. Prerequisites

none

4. Aim of the course

Receiving knowledge on the genesis and on main problems in health psychology. Description of factors positively related to psychic health and protecting health in hazardous circumstances. Description of psychosocial context of health and disease.

5. Literature

1.I.Heszen, Sęk H, *Psychologia zdrowia*, Wydawnictwo Naukowe PWN, Warszawa 2007

2.H.Sęk, R.Cieślak, *Wsparcie społeczne*, Wydawnictwo Naukowe PWN, Warszawa 2006

3.Terelak J.F., *Człowiek i stress*, Oficyna Wydawnicza Branta, Bydgoszcz-Warszawa 2008

6. Type of course: Obligatory**7. Teaching team**

Department of Tourism and Recreation

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/24	5	3
Classes	15/12	5	3
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

The written test

10. Language: Polish

ECTS credits

2

1.Course name

The basis of rehabilitation

2.Course descriptionClass

History of the rehabilitation in the world and in Poland. Poland the conception of the rehabilitation -- familiar figures. Medicine and the rehabilitation. The social context of medicine. The definition of the rehabilitation according to the World Organization of the Health and International Companies of the Rehabilitation. The definition of the handicapped person according to the European Forum of the Invalidity in the European Parliament in 1994 the Classification of the invalidity according to the World Organization of the Health (WHO). Definitions the disabled person, the disability. Problems demographic and epidemiological and reasons of the invalidity. Barriers of rehabilitation The ethics in the rehabilitation. The complex rehabilitation and her meaning. The rehabilitation and the revalidation -the understanding of terms. The rehabilitation professional and social -- the legal basis Dz. U. No. 123, poz.776 , 27sierpnia 1997- the definition of the shape of the rehabilitation. Neurophysiological bases of the rehabilitation. Problems psychological and sociological in the rehabilitation. The curative rehabilitation and her specjaliztion. Neurorehabilitation. The rehabilitation psychical and social -the characterization. The professional rehabilitation. The adaptive (the 3rd life-time)rehabilitation. Barriers of the integration. The place of the internet in the process of the rehabilitation psychological, professional and social of handicapped persons.

3.Prerequisites

none

4.Aim of the course

The introduction of students with foundations of the rehabilitation medical, professional, social and adaptive

5.Literature

1. Brassman A., Maliszewski W., Media-komunikacja: zdrowie i psychologia, 2007
2. Cywińska-Wasilewska G., Podstawowe problemy rehabilitacji i etyka, Ak. Wych. Fiz. Poznań 2004
3. Kiwerski J.(red.), Rehabilitacja medyczna, PZWL, Warszawa, 2005.,Kwolek A. (red.), Rehabilitacja medyczna, Wyd. Med.Urban & Partner, Wrocław,2003, s. 460 - 462. Wrzosek Z., Bolanowski J., Rehabilitacja. Podręcznik dla
- 4.Nowotny J., Podstawy fizjoterapii, cz. I, 2004, s.161- 175
- 5.Osoba z niepełnosprawnością w systemie rehabilitacji, edukacji i wsparcia społecznego, Red. Cz. Kosakowski, Wyd. U W -M, Olsztyn 2007
- 6.Pichalski R., Podstawy rehabilitacji zdrowotnej, zawodowej i społecznej, Warszawa 2002. Ak. Ped. Specjalnej.
- 7.Sowa J., Wojciechowski F., Proces rehabilitacji w kontekście edukacyjnym. Rzeszów 2001.
- 8.Sowa J., Wojciechowski F., Proces rehabilitacji w kontekście edukacyjnym. Rzeszów 2001.
- 9.Żuraw A., Udział osób niepełnosprawnych w życiu społecznym. Wyd. Ak. Żak 2008.
- 10.Żuraw A., Udział osób niepełnosprawnych w życiu społecznym. Wyd. Ak. Żak 2008.

6.Type of course: Obligatory**7.Teaching team:**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	30/24	5	3
Laboratory			
Project			
Seminar			
Total student's workload	60		

9.Conditions of the course acceptance:

written test

10.Language: Polish

ECTS credits

2

1. Course name

Diagnostic and therapeutic methods of pedagogy

2. Course descriptionClasses

Theoretical foundations of diagnosis in pedagogy: establishing therapeutic contact, characteristics of diagnostician, principles of diagnosis, and diagnostician/therapist ethical code of conduct. Selected methods of child and family diagnosis used in therapeutic practice. Survey of selected areas of pedagogical diagnostics (identification of child's situation in family and school, diagnosis of its maturity in school, child with developmental dyslexia, early identification of child abuse incidents in family, and other concepts). Fundamental methods of children's therapy: therapy through play, painting with fingers, Shareborne Developmental Movement, Method of Good Start (MGS), Sensory Integration (SI), Dennison's Educational Kinesiology, relaxation methods.

3. Prerequisites

Fulfillment of requirements specified by the College Rules and Regulations.

4. Aim of the course

Students will learn theoretical basis of diagnostic and therapeutic methods used by pedagogues in their work. Students will acquire the necessary practical skills by working on actual case studies (i.e. diagnosis and design of therapeutic course of action).

5. Literature

1. Jarosz E. (2007), *Wybrane obszary diagnozowania pedagogicznego*. Wyd. Uniwersytetu śląskiego, Katowice 2007
2. Jarosz E., Wysocka E. (2006), *Diagnoza psychopedagogiczna. Podstawowe problemy i rozwiązania*. Wyd. Akademickie „Żak”, Warszawa 2006
3. Kaduson H., Schaeffer Ch. (2001), *Zabawa w psychoterapii*. GWP, Gdańsk 2001
4. Kaja B. (1995), *Zarys terapii dziecka. Metody psychologicznej i pedagogicznej pomocy wspomagającej rozwój dziecka*. WSP, Bydgoszcz 1995

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Type	Number of hours	Semester	Year
Lecture			
Classes	30/24	5	3
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance

Student's participation in discussions, term paper

10. Language: Polish

ECTS credits

1

1. Course name

Educational and familial Counselling

2. Course descriptionLecture

The concepts defining counselling, upbringing, the educational counselling. The tutor as the counsellor. The ward as the one asking for advice. The stages of the counselling talk. The different styles of solving problems. The resistance in counselling.

Classes

The institution forms of the counselling. The school; the family; the media as the educational environment. The educational problems. Working out the counselling strategies.

3. Prerequisites

The basic information in the scope of counselling

4. Aim of the course

Practising skills in solving the upbringing/ educational problems.

Fixing the theoretical bases of support.

Working out the strategies of solving the particular educational problems.

5. Literature

1. Kargulowa A, *Praca poradni wychowawczo-zawodowej*, Warszawa 1979
2. Kargulowa A, *O teorii i praktyce poradnictwa*, Warszawa 2004
3. Murgatroyd S, *Poradnictwo i pomoc*, Poznań 2000
4. Nalaskowski, *Przestrzenie i miejsca szkoły*
5. Przetacznik – Gierowska, Z. Włodawski, *Psychologia wychowawcza*, Warszawa 1998
6. D. Tuohy, *Dusza szkoły*, Warszawa 2002
7. K. Otrębska-Popiołek, *Człowiek w sytuacji pomocy*, UŚ, Katowice 1991
8. A. Murzyn, *Dziecko w świecie pokus*, Kraków 2000
9. Gordon, *Wychowanie bez porażek*
10. A. Nowak, *Wybrane zjawiska powodujące zagrożenia społeczne*, 1999
11. M. Czerpaniak-Walczak, *Niepokoje współczesnej młodzieży*, 1997
12. K. Jedliński, *Jak rozmawiać z tymi co stracili nadzieję*, Warszawa 2002
13. M. Chomczyńska-Miliszkiewicz, *Rodzicielstwo między wiedzą a intuicją*, 1999
14. J. Bińczycka, *Między swobodą a przemocą w wychowaniu*, W-wa 1998
15. F. Kozaczuk, Red., *Młodzież wobec współczesnych zagrożeń*, Rzeszów 2003

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/12	5	3
Classes	15/12	5	3
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Attendance, activity, the written test

10. Language: Polish

ECTS credits

2

1. Course name

The theory and the practice of the mediation and negotiations

2. Course description

The meaning of negotiations as the manner of the resolution of conflicts in the social life. The creature, kinds of social conflicts and manners of their resolution. The pseudo manners of the resolution of conflicts and their diagnostics in the social life. Rules of the interpersonal communication in the aspect of negotiations. Communication platforms. Technologies of active listening. Main subprocesses of negotiations based on the agreement: the effective interpersonal communication, the responsible violence, the effective education. Basic notions of negotiations: the authorship, the rightness of the process, the procedural agreement, the influence of the resistance and the third person and external pressures. The analysis „of the map of interesse” - preferred solution, alternative solutions and the final offer.

Strategies, rules and stages of the process of negotiations based on the agreement. The characterization of most popular and applied in negotiations of technologies based on partnership of negotiation. The specificity of mediation negotiations; desirable and necessary features of the mediator. Conditionings social and legal of the mediation. Kinds of the mediation. Stages of the process of the mediation, the technology of the work of the mediator. The procedural agreement, three kinds of the satisfaction and the final promise - conditions of the durability of the agreement. Ethical dilemmas, the ethical code of the negotiator and the mediator.

3. Prerequisites

The basic information in the scope of counselling

4. Aim of the course

The philosophy, the creature and rules of the inquiry to the agreement as result of the use of negotiations and mediations. The exhibition of the possibility of the use of the knowledge about negotiations and negotiations of mediation in different living standards, professional, private and of school.

5. LiteratureCzarnawska Mira Montana. *Przyjazne porozumiewanie się*. GWP, Gdańsk 2004Dobek-Ostrowska B. *Podstawy komunikowania społecznego*. Wydawnictwo ASTRUM, Wrocław 1999Mosty zamiast murów. *Podręcznik komunikacji interpersonalnej*. Praca zbiorowa pod redakcją Johna Stewarta Wydawnictwo Naukowe PWN, Warszawa 2003Rosenberg Marshall B. *Porozumienie bez przemocy. O języku serca*. Jacek Santorski & CO Wydawnictwo, Warszawa 2000Bradshaw J., *Twórcza moc miłości*. Poznań, Wydawnictwo Zysk i Spółka, Poznań 1996Evatt C., Feld B., *Dawcy i biorcy*. Gdańsk, GWP, 1992Goleman D. (1997), *Inteligencja emocjonalna*. Poznań, Media Rodzina of Poznań 1997Hay L.L., *Poznaj moc, która jest w tobie*. Warszawa, Wydawnictwo Medium, Warszawa 1994Kulmatycki L., *Stres, joga, relaksacja*. Wrocław, Wydawnictwo Wacław Bagiński i synowie, Wrocław 1993Lindeenfield G. (1994), *Asertywność*. Łódź 1994Murphy J., *Potęga podświadomości*. Warszawa, Świat Książki 1996Santorski J., *Jak żyć, żeby nie zwariować*, Wydawnictwo Jacek Santorski & CO Wydawnictwo, Warszawa 2000**6. Type of course:** Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/12	5	3
Classes	15/12	5	3
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Attendance, activity, the written test

10. Language: Polish

ECTS credits

1

1. Course name

The training to the entry on the job market

2. Course descriptionLecture

Elements of the problems of the unemployment and the labour market. Theoretics of the problems of the unemployment. Chosen programs of the counteraction to the phenomenon. Models of the job market. The kelters of the job market within a period of the transformation, the specificity of individual phases and stages requiring of solution. The employment and the unemployment: long-lasting, the unemployment of the young peoples and older workers. The regional differentiation of the job market and the country-job market. The situation of women on the job market. Public services of the employment, agencies of the employment, instruction institutions and institutions of the dialogue of the Service of the job market: the employment exchange, the occupational guidance, the organization of trainings. Regulations by law, strategic documents and projects in the interest of the employment, financial means of the support of the job market. The labour fund and the schooling fund, PFRON and the Fund of Guaranteed Workers'-Benefits, the Domestic Plan of Activities in the interest of the employment.

3. Prerequisites

The basic information in the scope of counselling

4. Aim of the course

A didactical aim of the subject is the performance of the problems of the unemployment and the job market off the bat visions of persons searching the work: barriers institutional, informational, psychological and the specificity regional and local of the job market..

5. Literature

1. K. Głębicka, *Rynek pracy w jednoczącej się Europie. Wybrane zagadnienia do studiowania*, WSP TWP, Warszawa 2005.
2. J. Ciechański, *Otwarta metoda koordynacji w UE: wpływ na politykę społeczną i zatrudnienie nowych państw członkowskich*, Wyd. Scholar, Warszawa 2003.
3. *Regionalne i lokalne rynki pracy. Od dysproporcji do spójności*. Red. Naukowa R.Cz. Horodelski i C. Sadowska-Snarska, IPiSS w Warszawie i WSzE w Białymstoku, Białystok-Warszwa 2006.
4. U. Peruszka, *Kwalifikacje zawodowe. Poglądy teoretyczne a rzeczywistość*, IPiSS, Warszawa 2006.

Supplement

1. *Rynek pracy aglomeracji wrocławskiej. Stan i perspektywy*. Wyd. AE, Wrocław 2006.
2. J. Krzyszkowski, M. Marks, J. Lisek-Michalska, J. Przywojska, *Uwarunkowania pracy zawodowej kobiet wiejskich w Polsce*, Polskie Towarzystwo Polityki Społecznej, Łódź 2007

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/12	5	3
Classes	15/12	5	3
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Attendance, activity, the written test

10. Language: Polish

ECTS credits

7

1. Course name

The Law regulated by the family and children

2. Course description

Family benefits in Poland. Different forms of financial and non-financial for family in social assistance system.

Services in the form of social work, care services, specialist counselling - mainly legal and psychological for parents and children.

Family allowance (with 8 supplements)

The ways of create a substitute family environment for children deprived of their own families.

The problems of adoptions and intercountry adoptions

Families' problems and non-governmental organisations, non-profit organisations.

3. Prerequisites

None

4. Aim of the course

The goal of the course is to present the living conditions for the family and discussion about social insurance in Poland.

5. Literature1. Bełewska D., *Wsparcie emocjonalne w pracy socjalnej*, Katowice 20052. Książkowski M., *Modele polityki społecznej*, Warszawa 1999

3. Ustawa o pomocy społecznej z 2004 roku z późn. zm., kształt prawny polityki społecznej państwa

4. Lalak D., Pilch T., *Elementarne pojęcie pedagogiki społecznej i pracy socjalnej*, PWN, Warszawa 1999**6. Type of course:** Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/24	6	3
Classes	30/24	6	3
Laboratory			
Project			
Seminar			
Total student's workload	210		

8. Conditions of the course acceptance:

Written test

Exam

9. Language: Polish

ECTS credits

5

1. Course name

The working with people with disabilities

2. Course descriptionClasses

Rehabilitation, working with people with disabilities. Definition of disability. Categories of disability. Adaptation of disability, progress and conditioning. Needs of people with disabilities. Institutional framework of support and supporting people with disabilities and their families. Developmental rehabilitation. Early intervention and assistance in growth of infant. Therapeutic methods in complex rehabilitation: physiotherapy, kinesiotherapy, balneotherapy. Method of stimulation of development and learning by senses e.g. Morning circle. Method of developing movement., SI ect. Animal therapy. Demanding and alternative method of communication e.g Bliss, pictogram, occupational therapy. Influence of psychological supporting early growth/development of children. Neurodevelopment method of improvement a child with m. p. dz e.g Bohath's method , Voyt's method, Glen Doman's and Carl Delacato's methods. working with children with Downs's disability. Working with blind people. Working with people with neurological disabilities; apoplexy, SM, Parkinson decease. Working with people after limb amputation. Working with children with different illness : rheumatic, cardiotonic, mental case, respiratory system, oncological.

3. Prerequisites

None

4.Aim of the course

The student should know different methods in working with with disabilities

5.Literature

1. Błeszyski J., (red.), *Alternatywne wspomagające metody komunikacji*. Kraków, Impuls 2006.
2. Dykcik W.(red.), *Pedagogika specjalna*, Poznań 1997
3. Cytowska B., (red.), *Wczesna interwencja i wspomaganie rozwoju małego dziecka*. Kraków, Impuls 2006.
4. Kwolek A., (red.), *Rehabilitacja medyczna*. 2003, t.2. Wrocław
5. Mass V., *Uczenie się przez zmysły*, Warszawa 1998
6. Obuchowska I., *Dziecko niepełnosprawne w rodzinie*, Warszawa 1995
7. Pilecka W., Pilecki J., *Stymulacja psychoruchowego rozwoju dzieci o obniżonej sprawności umysłowej*, Kraków 2001
8. Wyczęsany J. *Pedagogika upośledzonych umysłowo*, Kraków 2000

6.Type of course: Obligatory**7.Teaching team**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	30/24	6	3
Laboratory			
Project			
Seminar			
Total student's workload	150		

9.Conditions of the course acceptance:

The written test

Outlines

10.Language: Polish

ECTS credits

6

1. Course name

Methodology of corrective-compensatory classes

2. Course description**Classes**

Theoretical basis of pedagogical therapy: (the definition of difficulties in learning, theories of specific difficulties in learning), Teacher as an organizer of corrective-compensatory work: (principles of pedagogical therapy, pedagogical diagnosis and observation, the stages of therapeutic work, forms of reading's exercises, forms of writing's exercises, planning and realization of lessons), The examples of corrective-compensatory exercises: (exercises rationalizing: visual perception, visual-motion coordination, sense of spatial locality, aural perception, aural-visual-motion coordination)

3. Prerequisites

None

4. Aim of the course

Preparing students to teaching pedagogical therapy to early primary students, training the skills of programming the methodical unit of pedagogical therapy, creating the possibilities to making the own corrective-compensatory classes

5. Literature

1. I. Czajkowska, K. Herda (1989) *Zajęcia korekcyjno- kompensacyjne w szkole*, Warszawa, WSiP
2. T. Opolska (1997) *Pokonujemy trudności w czytaniu i pisaniu*, Warszawa: Centrum Metodyczne Pomocy Psychologiczno- Pedagogicznej MEN
3. Ł. Strużyk (2003) *Jabłoń pani Ortografii: scenariusz zajęć korekcyjno- kompensacyjnych dla dzieci dyslektycznych*, Życie Szkoły, nr 2
4. M. Kurys (1999) *Konspekt zajęć korekcyjno- kompensacyjnych przeprowadzonych w kl. I- III*, Wychowanie Na Co Dzień, nr 4- 5
5. K. Sobiecka- Szczeńniak (2002) *Miejsce zajęć korekcyjno- kompensacyjnych w zreformowanej szkole*, Edukacja Medialna, nr 1
6. A. Borkowska (2001) *Program wspierania zaniedbanych uczniów*, Problemy Opiekuńczo- Wychowawcze, nr 10
7. A. Stefan (1999) *Przykładowy konspekt zajęć wyrównawczych w kl. I- III*, Życie Szkoły, nr 2
8. V. Jurska, I. Daszuta (2003) *Zajęcia korekcyjno- kompensacyjne. Kl. I*, Życie Szkoły, nr 4
9. A. Korzon (2000) *Zajęcia korekcyjno- wyrównawcze w pracy z dziećmi o specjalnych potrzebach edukacyjnych* [w:] A. Rakowska, J. Baran (red.) *Dylematy pedagogiki specjalnej*, Kraków: Wyd. Naukowe Akademii Pedagogicznej
10. B. Korcz (2005) *Zajęcia korekcyjno- wyrównawcze z matematyki*, Edukacja i Dialog 3, nr 9

6. Type of course

Obligatory

7. Teaching team

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	30/24	6	3
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

The written test

Outlines

10. Language: Polish

ECTS credits

2

1. Course name

The Lecture to selected: Argumentation theory

2. Course descriptionLecture:

Argumentation versus reasoning; three meanings of the notion of reasoning in the Lvov-Warsaw School of Logic and Philosophy (Łukasiewicz, Czeżowski, and Ajdukiewicz).

A variety of linguistic forms of arguments; sub-arguments; standardization of arguments; diagrams of arguments.

Material adequacy of arguments; ten notion of truth and a criterion of truth.

The evaluation of reasoning and arguments. Deductive arguments: the notion of logical consequence and deductive reasonings, formal adequacy of arguments.

Analysis of some non-deductive arguments: arguments from similarity and analogy, arguments against the person (*argumentum ad hominem*), arguments from authority, and many other arguments which are classified in rhetoric and eristic.

The notion of persuasion; persuasion and argumentation.

Semiotic and logical aspects of lying.

Beliefs and their logico-methodological analysis, e.g., consistent and conscious beliefs.

Logic and conversation: questions and presuppositions, Grice's principles and conversational reasoning.

Scientific debate or discussion, its forms and aims.

3. Prerequisites

None

4. Aim of the course

The course is devoted to logical and pragmatic aspects of argumentation. Its purpose is to learn students elements of contemporary argumentation theory and show them how the theory can be used to improve their critical thinking.

5. Literature (in Polish; English papers and books are to be found in Szymanek 2001)

1.W. Marciszewski, *Podstawy logicznej teorii przekonań*, Warszawa 1972

2.T. Hołowka, *Błędy, spory, argumenty*. Warszawa 1998

3.T. Pszczołowski, *Umiejętność przekonywania i dyskusji*, Warszawa 1974

4.K. Szymanek, *Sztuka argumentacji: słownik terminologiczny*, Warszawa 2001

5.K. Szymanek, K. A. Wieczorek i A. Wójcik, *Sztuka argumentacji. Ćwiczenia w badaniu argumentów*. Warszawa 2003

6.M. Tokarz, *Argumentacja, perswazja, manipulacja. Wykłady z teorii komunikacji*. Gdańskie Wydawnictwo Psychologiczne 2006

7. A. Schopenhauer, *Erystyka, czyli sztuka prowadzenia sporów*, Kraków 1976

8.R. Smullyan, *Na zawsze nierozstrzygnięte*, Warszawa 2008

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy – prof. dr hab. Jan Zygmunt

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30	6	3
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

The written test

10. Language: Polish

ECTS credits

2

1. Course name

Chosen systems and theories of education – monographie lecture

2. Course descriptionLecture

System – systems, theory and theories as well as conceptions and models of education. Theory (-ies) of education – the origin, circumstances and conditioning of their genesis. Building of educational theories. The task and the functions of theory of education “Good Theory” and its character. Advisability and the task of education in context of its theoretical and practical sense. Reports between theory and practice in thinking and educational activity. It is also about educational need of humanistic and democratic enlightening.

Non – authoritarian pedagogy in conception of Thomas Gordon. Thomas Gordon’s Method III (3rd) – without defeat – without victory. Six steps without defeats. Four stages of listening: passive listening, (silence) stressing attention, openers and encouragements, active listening simple devices to opening doors. Typical twelve.

Principles of education: principle of inconsistency, principle of “having problem” Anti – authoritarian pedagogy in A. S. Neill’s conception. Political current, educational current – SUMMERHILL. Summerhill Idea, whose are children in teaching or a child’s education, council, parents’ problems. The report of inspectors of British government. Permissive education. Anti – authoritarian pedagogy in practice. Social teaching – education in John Paul Second’s Idea. How to bring up in society which is inherent in crisis? Educational system of priest Bosko. “Preventive System as the method of education” by Jan Bosko.

3. Prerequisites

None

4. Aim of the course

Acquainting students with basic theories and systems of education; increase of students’ interest in educational problems – in educational conceptions; forming skills; usage of gained knowledge in order to create behavior of individual, future teachers and pedagogues’ preparation to realization of educational tasks in education also to work with adults.

5. Literature

Basic

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/24	6	3
Classes			
Laboratory			
Project			
Seminar			
Total student’s workload	60		

9. Conditions of the course acceptance:

The written test

Outlines

10. Language: Polish

ECTS credits

2

1. Course name

Graduation seminar

1. Course description

This seminar will explicate the principles of writing a graduation thesis. This will include: its substantive aspects and the drafting and editing aspects of the writing process; the meaning of critical thinking and research methods used in pedagogy; determination and formulation of thesis subject and definition of thesis goals; plan of work; ethical aspects of thesis writing (i.e. risk of plagiarism and its consequences); the researcher's ethical code; analysis of source text and gathering and work on the sources; writing chapters; discussing problems related to the thesis and searching for solutions in the colloquium group setting; the final stage of writing: editing the preface, creating a bibliography and annexes, correcting mistakes, and having the thesis accepted and marked.

2. Prerequisites

The requirements defined in PWSZ regulations.

3. Aim of the course

The main goal of the diploma seminar is to increase students' knowledge in specified science fields, to improve their abilities of critical thinking and study of research methods, to extend their abilities of defining investigation problems and to search for creative solutions

4. Literature

1. Palka S., *Pedagogika w stanie tworzenia*. Wyd. UJ, Kraków 1999
2. Palka S., *Pedagogika w stanie tworzenia: kontynuacje*. Wyd. UJ, Kraków 2003
3. Palka S., *Metodologia badania: praktyka pedagogiczna*. GWP, Gdańsk 2006
4. Boć J., konsultacja filologiczna J. Miodek, *Jak pisać pracę magisterską*. Kolonia Limited, Wrocław 2003
5. Węglińska M., *Jak pisać pracę magisterską*. Oficyna Wydawnicza „Impuls”, Kraków 1997

5. Type of course: Obligatory**6. Teaching team**

Department of Pedagogy

7. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes			
Laboratory			
Project			
Seminar	15	4, 5, 6	2, 3
Total student's workload			

8. Conditions of the course acceptance:

Numeric grade

9. Language: Polish

ECTS credits

4

1. Course name

Educational Pedagogy

2. Description**Lecture**

The lecture will present the origin of child and family pedagogy and its connections with other fields of science. This will include: the scope and categories of care; notions of care as understood by selected authors; help, rescue, and social support as synonymous ideas; selected present-day threats to child development; contemporary trends in child and family care; the child and family care system in Poland; terminology used in theory and practice as well as process and structure of care; maternal care deprivation syndrome; and capacity to counteract and compensate for the negative outcomes of maternal care deprivation syndrome by adoptive and foster families as well as in other institutional forms of care.

3. Prerequisites

The requirements defined in PWSZ regulations

4. Aim of the course

The focus here will be on contemporary theory and practice of care, including current practices in child and family care systems of Poland and the European Union (i.e. family-centered social work practices, alternatives in foster care and innovations in institutional care).

5. Literature

1. Dąbrowski Z., *Pedagogika opiekuńcza w zarysie*. WSP Olsztyn 1994
2. *System opieki kompensacyjnej w zjednoczonej Europie*, S. Badora i D. Marzec (redakcja). Oficyna Wydawnicza „Impuls”, Kraków 2002
3. *Współczesne kierunki w opiece nad dzieckiem*, redakcja naukowa Z. W. Stelmaszuk. Wydawnictwo Akademickie „Żak”, Warszawa 1999
4. *Tożsamość oraz dylematy pedagogiki opiekuńczej*, redakcja naukowa A. Olubiński. Wydawnictwo Edukacyjne Akapit, Toruń 2001
5. *Opieka i wychowanie. Systemy wychowania i opieki nad dziećmi w okresie przemian ustrojowych*. Cz. Kępski (redakcja). Wydawnictwo UMCS, Lublin 1998

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/18	3	2
Classes	15/10	3	2
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Written examination

10. Language: Polish

ECTS credits

3

1. Course name

Diagnostic and therapeutic methods of pedagogy

2. Course descriptionClasses

Theoretical foundations of diagnosis in pedagogy: establishing therapeutic contact, characteristics of diagnostician, principles of diagnosis, and diagnostician/therapist ethical code of conduct. Selected methods of child and family diagnosis used in therapeutic practice. Survey of selected areas of pedagogical diagnostics (identification of child's situation in family and school, diagnosis of its maturity in school, child with developmental dyslexia, early identification of child abuse incidents in family, and other concepts). Fundamental methods of children's therapy: therapy through play, painting with fingers, Shareborne Developmental Movement, Method of Good Start (MGS), Sensory Integration (SI), Dennison's Educational Kinesiology, relaxation methods.

3. Prerequisites

Fulfillment of requirements specified by the College Rules and Regulations.

4. Aim of course

Students will learn theoretical basis of diagnostic and therapeutic methods used by pedagogues in their work. Students will acquire the necessary practical skills by working on actual case studies (i.e. diagnosis and design of therapeutic course of action).

5. Literature

- 1.Jarosz E., Wybrane obszary diagnozowania pedagogicznego. Wyd. Uniwersytetu śląskiego, Katowice 2007
- 2.Jarosz E., Wysocka E., Diagnoza psychopedagogiczna. Podstawowe problemy i rozwiązania. Wyd. Akademickie „Żak”, Warszawa 2006
- 3.Kaduson H., Schaeffer Ch., Zabawa w psychoterapii. GWP, Gdańsk 2001
- 4.Kaja B., Zarys terapii dziecka. Metody psychologicznej i pedagogicznej pomocy wspomagającej rozwój dziecka. WSP, Bydgoszcz 1995

6. Type of the course: Obligatory**7. Teaching team:**

Department of Pedagogy

8. Course structure

Type	Number of hours	Semester	Year
Lecture	15/12	5	3
Classes	30/24	5	3
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Student's participation in discussions, term paper

10. Language: Polish

ECTS credits

4

1. Course name

Social assistance system for disabled persons in Poland

2. Course description

Problems of disabled persons in European Union, and projects supported by aid of European Union.

To finance organizational expenses and operations of therapeutic activity workshops

Social security deductions of disabled persons

An important role in the social assistance system playing for the governmental administration at central and regional level. Non-governmental organizations – a third sector.

The role of State Fund for Rehabilitation of Disabled Persons (PFRON).

Social assistance system between problems of disability. Disability pension insurance in Poland. Institutions acting for the benefit of disabled persons.

3. Prerequisites

None

4. Aim of the course

The goal of the course is to present the living conditions of disabled persons in European Union and in Poland.

5. Literature

1. Ustawa o pomocy społecznej z 2004 roku z późn. zm., kształt prawny polityki społecznej państwa

2. Bulenda T. Zabłocki J., *Ludzie niepełnosprawni a prawo*, Warszawa 19943. *Formy pomocy dziecku i rodzinie w środowisku lokalnym*, red. B. Matyjas, Wyd. AŚ, Kielce4. Kościelska M., *Oblicza upośledzenia*, PWN, Warszawa 20005. Majewski T. (1995) *Rehabilitacja zawodowa osób niepełnosprawnych*. Warszawa 19956. *Elementarne pojęcia pedagogiki społecznej i pracy socjalnej*, red. D. Lalak i T. Pilcha, „Żak” 1999**6. Type of course**

Obligatory

7. Teaching team

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/24	6	3
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Exam

10. Language: Polish

ECTS credits

5

1. Course name

The social work in the local community

2. Course description

The decentralization of social functions of the state. Sociological definitions of local communities. The social assistance - the social work. Dilemmas of the theory and the social practice. Social services in Poland. The social assistance in new constitutional conditions. The municipal social assistance. The social work in the environment of the residence (the open environment). Problems of the social diagnosis. Chosen methods and technologies of sociological research applied on the job social. The organization of the social work. The professionalization and the institutionalization. The social work and welfare workers. Teams of social parts, the personal consulting. The problems of the social work. Preliminary problems. The social operating principle in the open environment. The environment of the residence as the factor the determining shape of the social (sociological theories, empirical investigations from the range of local communities) work. The diagnosis as the process of assembling of data. The diagnosis individual and of group. The environmental interview as the basic tool of the diagnostics on the job social. The social labour practice in the local community. The analysis of the situation of customers of the social assistance - axiological and ethical dilemmas of the meeting. Forms of communities and solidarities in local communities and informal systems of the social assistance. Models of the social work and the active social policy.

3. Prerequisites

None

4.Aim of the course

For purposes of occupations is the introduction of students with the problems of the social work in the local community from the perspective of the sociology, the pedagogics and the social policy, the presentation of practical solutions and the elaboration of individual projects, the social policy and her conditionings in the scale local and regional

5.Literature

- 1.Auleytner J., *Polityka społeczna pomiędzy ideą a działaniem*, UW, Warszawa 1994.
- 2.Dubois B., Miley K.K., *Praca socjalna*, Interart, Warszawa 1996.
- 3.Golinowska S., *Państwo opiekuńcze na tle porównawczym*, Polityka Społeczna, nr 1, 1998.
- 4.Kowalik T., *Systemowe uwarunkowania polskiej polityki społecznej*, Polityka Społeczna, nr 1, 1998.
- 5.Marody M. (red.), *Wymiary życia społecznego*, Scholar, Warszawa 2002.
- 6.Marzec-Holka K. (red.), *Pracownicy socjalni i wolontariusze a możliwości pomocy reformy społecznej*, WSP, Bydgoszcz 1998.
- 7.Nocuń A., Szmagański J., *Podstawowe umiejętności w pracy socjalnej i ich kształcenie*, Interart, Warszawa 1996.
- 8.Ustawa z dnia 29. 1 1 . 1 990 roku o pomocy społecznej (tekst jednolity Dz.U. nr 17, poz. 414 ze zm.)
- 9.Ustawa z dnia 07.01 . 1 993 roku o planowaniu rodziny, ochronie płodu ludzkiego i warunkach dopuszczalności przerywania ciąży (tekst jednolity — Dz.U. nr 1 7, poz. 76 ze zm.)
- 10.Ustawa z dnia 07.1994 roku o najmie lokali mieszkalnych i dodatkach mieszkaniowych (tekst jednolity -Dz.U. nr 105, poz. 509 ze zm.)
- 11.Ustawa z dnia 1 9.08. 1 994 roku o ochronie zdrowia psychicznego (tekst jednolity Dz.U. 111, poz. 535 ze zm.)
- 12.Ustawa z dnia 0 1 . 1 2. 1 994 roku o zasiłkach rodzinnych i pielęgnacyjnych (tekst jednolity — Dz.U. nr 4, poz. 17 ze zm.)
- 13.Rozporządzenie ministra pracy i polityki socjalnej z 23 04. 1 997 roku w sprawie domów pomocy społecznej (dz.U. nr 44, poz. 277)

6.Type of course: Obligatory**7.Teaching team**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	30/24	6	3
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	150		

9.Conditions of the course acceptance:

Exam

10.Language: Polish

ECTS credits

2

1. Course name

The organization of the social assistance

2. Course description

Beginning of the period of the constitutional transformation in Poland (years 1990-2000), social rights against the background of contemporary doctrines of the social policy the system of the social assistance.

The centre of The Social Assistance as the organizational unit qualified to the realization of assignments from the range of the social assistance: legal bases, the activity of Voluntary Fire Brigade, the possibility and the limitation of the realization of assignments. The welfare worker as the direct performer of the social work: forms of the professional education of welfare workers, authorizations and duties of the welfare worker, required skills, professional aims fulfilled by welfare workers pendant the realization of assignments, types of professional behaviors. Social assistance system between problems of disability.

4. Prerequisites

None

4.Aim of the course

widely comprehended social policy, the discussion of the problems resulting from constitutional changes and bearing upon matters of the change of the model of the state in the economic context and the influence of these changes on the realization of assignments from the range of the social assistance, the realization of the relationship between the realization of prestations from the range of the social assistance and with the state of the economy.

5.Literature

1. Auleytner J., *Polityka społeczna pomiędzy ideą a działaniem*, UW, Warszawa 1994.
2. Dubois B., Miley K.K., *Praca socjalna*, Interart, Warszawa 1996.
3. Golinowska S., *Państwo opiekuńcze na tle porównawczym*, Polityka Społeczna, nr 1, 1998.
4. Kowalik T., *Systemowe uwarunkowania polskiej polityki społecznej*, Polityka Społeczna, nr 1, 1998.
5. Marody M. (red.), *Wymiary życia społecznego*, Scholar, Warszawa 2002.
6. Marzec-Holka K. (red.), *Pracownicy socjalni i wolontariusze a możliwości pomocy reformy społecznej*, WSP, Bydgoszcz 1998.
7. Nocuń A., Szmagański J., *Podstawowe umiejętności w pracy socjalnej i ich kształcenie*, Interart, Warszawa 1996.
8. Ustawa z dnia 29. 1 1 . 1 990 roku o pomocy społecznej (tekst jednolity Dz.U. nr 17, poz. 414 ze zm.)
9. Ustawa z dnia 07.01 . 1 993 roku o planowaniu rodziny, ochronie płodu ludzkiego i warunkach dopuszczalności przerywania ciąży (tekst jednolity — Dz.U. nr 1 7, poz. 76 ze zm.)
10. Ustawa z dnia 07.01.1994 roku o najmie lokali mieszkalnych i dodatkach mieszkaniowych (tekst jednolity — Dz.U. nr 105, poz. 509 ze zm.)
11. Ustawa z dnia 1 9.08. 1 994 roku o ochronie zdrowia psychicznego (tekst jednolity Dz.U. 111, poz. 535 ze zm.)
12. Ustawa z dnia 0 1 . 1 2. 1 994 roku o zasiłkach rodzinnych i pielęgnacyjnych (tekst jednolity — Dz.U. nr 4, poz. 17 ze zm.)
13. Rozporządzenie ministra pracy i polityki socjalnej z 23 04. 1 997 roku w sprawie domów pomocy społecznej (dz.U. nr 44, poz. 277)

6.Type of course: Obligatory**7.Teaching team**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15/15	5	3
Classes	12/12	5	3
Laboratory			
Project			
Seminar			
Total student's workload	60		

9.Conditions of the course acceptance:

Exam

10.Language: Polish

ECTS credits

1

1. Course name

Basics law administrative

2. Course descriptionLecture

1. Public Administration: definition, features of administration, forms of public administration; 2. Law administrative: definition of law, development of law administrative, administrative law and other branches of law; 3. Sources of law administrative; 4. Forms of activity of public administration; 5. Intercourse administrative, definition and kinds; 6. Subjects administering, definition of organ administrative and administering; 7. Organization of legal administration: centralization and decentralization of administration, supervision law and inspection; 8. Government Administration: principal organ of administration, President Of Polish republic, committee of ministers, ministers, central organ of government administration; 9. Government Administration in province; 10. Administrative Institutions; 11. Autonomy territorial: commune, administrative district, province.

3. Prerequisites

None

4.Aim of the course

Target of didactic lectures is teaching students of basic notions from range of administration and law administrative and also introduction them with system and with system of organ of administration.

5. Literature

- 1.. Boć, *Prawo administracyjne*, Wrocław 2008.
- 2.Z. Leoński, *Zarys prawa administracyjnego*, Warszawa 2004
- 3.J. Sługocki, *Prawo administracyjne materialne*, Bydgoszcz 2005.
- 4.E. Ura, *Prawo administracyjne*, Warszawa 2007.
- 5.M. Wierzbowski, *Prawo administracyjne*, Warszawa 2006.

6.Type of course: Obligatory**7.Teaching team**

Department of administration

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15/15	1	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9.Conditions of the course acceptance:

The written test

10.Language: Polish

ECTS credits

3

1. Course name

Programmes and UE structural funds

2. Course descriptionLecture

The region economy in the European Union- treaties basics – development stages. Region and regionalisation in the EU. The regional economy in UE budget; the general overview; sources of funding of the regional economy in the UE. The structural funds in the UE and their role in financing the regional economy. The union initiatives- their roles in regional development- general overview. Regional planning in UE standards- purposes and principles. The National Development Plan 2007-2013 as an instrument for regional development support. The instruments of regional development support- sectorial programmes. Structural funds management. The basics of applying for funds in particular sectors of economy in Poland. Examples of application forms for particular operational programmes- application procedure mistakes

3. Prerequisites

None

4.Aim of the course

The aim of the subject is to acquaint students with the purpose, types and ways of gaining of the structural funds from the European Union. In particular, students should get acquainted with the principles and mechanisms of how structural funds function within public finances. Students should be able to identify the potential European funds for particular operational groups. Moreover, students ought to know the practical aspects of gaining the European funds by various transactors. Also, students should know the funds realised in Poland in the period from 2007 to 2013.

5.Literature

1. *Fundusze strukturalne i polityka regionalna w Unii Europejskiej*, pod red. K. A. Wojtaszczyka, Warszawa 2005
2. *Regionalizm, polityka regionalna i fundusze strukturalne w Unii Europejskiej*, pod red., A. Adamczyka, J. Borkowskiego, Warszawa 2005
3. D. Czykier - Wierzba, *Finansowanie polityki rozwoju regionalnego w UE*, Twigger, Warszawa 2002
4. The UE materials
5. *The Operational Programme for Lower Silesia Voivodeship*

6.Type of course: Obligatory**7.Teaching team**

Department of Computer Systems

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15/12	5	3
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	90		

9.Conditions of the course acceptance:

Grading - essay

10.Language: Polish

ECTS credits

5

1. Course name

Diagnosis in social work

2. Course descriptionClasses

The aim of the lecture is to introduce the students to the basic methodological rules of diagnosis and the types of research within the field of social work. The laboratory focuses on teaching the students how to conduct diagnostically research and use the results in solving social problems and preparing social advise strategies; presenting the ways of analysis and synthesis of empirical data in diagnosing selected social problems.

3. Prerequisites

None

4.Aim of the course

A preparation for good understanding real social problems is content of the object. It is inspection of abilities diversified for the basic knowledge essential for developing and value required in the service for the man, the family, small social groups, the society.

5.Literature:

1. M. Orłowska, L. Malinowski (red.), *Praca socjalna w poszukiwaniu metod i narzędzi*, Warszawa 2000
2. Z. Tarkowski, *Zarządzanie i organizacja pomocy społecznej*, Lublin 2000
- 3.E. Kantowicz, *Elementy teorii i praktyki pracy socjalnej*, Olsztyn 2001
- 4.K.Wódz, *Praca socjalna w środowisku zamieszkania*, Katowice 1998
- 5.C.de Robertis, *Metodyka działania w pracy socjalnej*, Warszawa 2000

6.Type of course: Obligatory**7.Teaching team**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	30/24	6	3
Laboratory			
Project			
Seminar			
Total student's workload	150		

9.Conditions of the course acceptance:

The written test

10.Language: Polish

ECTS credits

3

1. Course name

The caring- educational methodology

2. Course descriptionClasses

The school educator as an organizer of the caring-educational labour (the range of duties, the documentation, the specificity of proffesion, the principles of outline's creation (the methodical plan)). Selected methods of working with group (a decision -making tree, swot analyses, ' thinking- hats method', panel discussion, group decision technique, drama technique, pictures etc.). Working out the scripts for the educational classes : methods selections and working techniques for selected subjects: friendship, values, conflicts, creative thinking, advantages and disadvantages, dreams, plans for future etc.)

3. Prerequisites

None

4.Aim of the course

The students preparation for leading classes on the range of educational subjects in schools, and common rooms.

Practicing the abilities to use the active methods in working with the teenagers.

The creation of the abilities to individual classes leading on chosen subject.

5.Literature

- 1.Dudziak Urszula: *Wychowanie w klasie szkolnej. Scenariusze godzin wychowawczych dla szkół ponadpodstawowych*. Warszawa: WSiP, 2002
- 2.Gruszka Magdalena, Janiak Iwona, Prarat Justyna: *Scenariusze godzin wychowawczych dla gimnazjum i szkół ponadgimnazjalnych*. Wyd.2. Gdańsk: Wydaw. „Harmonia”, 2003
- 3.Gruszka Magdalena, Janiak Iwona, Prarat Justyna: *Scenariusze godzin wychowawczych dla szkoły podstawowej*. Gdańsk: Wydaw. „Harmonia”, 2003
- 4.Hamer Hanna: *Bliżej siebie. 10 ważnych tematów – scenariusze 20 lekcji ułatwiających poznanie siebie i rozwój*. Warszawa: Wydaw. „Veda”, 2001
- 5.Kosińska Ewa, Zachara Barbara: *Profilaktyka pierwszorzędowa w szkole: scenariusze zajęć z uczniami gimnazjum i szkół ponadgimnazjalnych*. Kraków: Wydaw. „Rubikon”, 2003
- 6.Pisanko Marzena: *Kształtowanie pozytywnej postawy ucznia wobec szkoły. Scenariusze zajęć*. Łódź: Wydaw.WING, 2001
- 7.Braun-Gałkowska Maria, „W tę sama stronę”, Warszawa : Wydaw. Krupski i S-ka, 1994
- 8.Grażyna Gajewska, Anna Szczesna, Artur Doliński. *Warsztat pracy pedagoga: zbiór scenariuszy i konspektów*. Zeszyt. 1, 2, 3, 4 / - Zielona Góra: Stowarzyszenie Edukacyjne Pedagogów Praktyków „Cogito”, 1998 (1999, 2000)
- 9.Mariola Chomczyńska – Miliszkiewicz, *Podróż w nieznane. O miłości, seksie i rodzinie. Scenariusze zajęć*”. Warszawa 1999
- 10.Stryczniewicz Barbara: *Spotkania w klasie szkolnej. Propozycje scenariuszy na godziny wychowawcze dla uczniów gimnazjum (i nie tylko)*. Kraków: Oficyna Wydaw. „Impuls”, 2003
- 11.Zajączkowski Krzysztof: *Lekcje wychowawcze w gimnazjum*. Kielce: Wydaw. „Jedność”, 2003
- 12.E.Brudnik, A.Moszyńska, B.Owczarska, *Ja i mój uczeń pracujemy aktywnie*, Kielce 2003

6.Type of course: Obligatory**7.Teaching team**

Department of Pedagogy

8.Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	30/24	5	3
Laboratory			
Project			
Seminar			
Total student's workload	90		

9.Conditions of the course acceptance:

Outline and leading the classes with active methods.

10.Language: Polish

ECTS credits

2

1. Course name

Lecture to selected:: Argumentation theory

2. Course descriptionLectures:

Argumentation versus reasoning; three meanings of the notion of reasoning in the Lvov-Warsaw School of Logic and Philosophy (Łukasiewicz, Czeżowski, and Ajdukiewicz).

A variety of linguistic forms of arguments; sub-arguments; standardization of arguments; diagrams of arguments.

Material adequacy of arguments; ten notion of truth and a criterion of truth.

The evaluation of reasoning and arguments. Deductive arguments: the notion of logical consequence and deductive reasonings, formal adequacy of arguments. Analysis of some non-deductive arguments: arguments from similarity and analogy, arguments against the person (*argumentum ad hominem*), arguments from authority, and many other arguments which are classified in rhetoric and eristic. The notion of persuasion; persuasion and argumentation. Semiotic and logical aspects of lying. Beliefs and their logico-methodological analysis, e.g., consistent and conscious beliefs.

Logic and conversation: questions and presuppositions, Grice's principles and conversational reasoning.

Scientific debate or discussion, its forms and aims.

3. Prerequisites

None

4. Aim of the course

The course is devoted to logical and pragmatic aspects of argumentation. Its purpose is to learn students elements of contemporary argumentation theory and show them how the theory can be used to improve their critical thinking.

5. Literature (in Polish; English papers and books are to be found in Szymanek 2001)

1.W. Marciszewski, *Podstawy logicznej teorii przekonań*, Warszawa 1972

2.T. Hołówka, *Błędy, spory, argumenty*, Warszawa 1998

3.T. Pszczołowski, *Umiejętność przekonywania i dyskusji*, Warszawa 1974

4.K. Szymanek, *Sztuka argumentacji: słownik terminologiczny*, Warszawa 2001

5.K. Szymanek, K. A. Wieczorek i A. Wójcik, *Sztuka argumentacji. Ćwiczenia w badaniu argumentów*. Warszawa 2003

6.M. Tokarz, *Argumentacja, perswazja, manipulacja. Wykłady z teorii komunikacji*, Gdańskie Wydawnictwo Psychologiczne 2006

7.A. Schopenhauer, *Erystyka, czyli sztuka prowadzenia sporów*. Kraków 1976

8. R. Smullyan, *Na zawsze nierozstrzygnięte*, Warszawa 2008

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy – prof. dr hab. Jan Zygmunt

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30	6	3
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

The written test

10. Language: Polish

ECTS credits

2

1. Course name

Chosen systems and theories of education – monographie lecture

2. Course descriptionLecture

System – systems, theory and theories as well as conceptions and models of education. Theory (-ies) of education – the origin, circumstances and conditioning of their genesis. Building of educational theories. The task and the functions of theory of education “Good Theory” and its character. Advisability and the task of education in context of its theoretical and practical sense. Reports between theory and practice in thinking and educational activity. It is also about educational need of humanistic and democratic enlightening.

Non – authoritarian pedagogy in conception of Thomas Gordon. Thomas Gordon’s Method III (3rd) – without defeat – without victory. Six steps without defeats. Four stages of listening: passive listening, (silence) stressing attention, openers and encouragements, active listening simple devices to opening doors. Typical twelve.

Principles of education: principle of inconsistency, principle of “having problem” Anti – authoritarian pedagogy in A. S. Neill’s conception. Political current, educational current – SUMMERHILL. Summerhill Idea, whose are children in teaching or a child’s education, council, parents’ problems. The report of inspectors of British government. Permissive education. Anti – authoritarian pedagogy in practice. Social teaching – education in John Paul Second’s Idea. How to bring up in society which is inherent in crisis? Educational system of priest Bosko. “Preventive System as the method of education” by Jan Bosko.

3. Prerequisites

None

4. Aim of the course

Acquainting students with basic theories and systems of education; increase of students’ interest in educational problems – in educational conceptions; forming skills; usage of gained knowledge in order to create behavior of individual, future teachers and pedagogues’ preparation to realization of educational tasks in education also to work with adults.

5. Literature

Basic

6. Type of course: Obligatory**7. Teaching team**

Department of Pedagogy

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/24	6	3
Classes			
Laboratory			
Project			
Seminar			
Total student’s workload	60		

9. Conditions of the course acceptance:

The written test

Outlines

10. Language: Polish

ECTS credits

3

1. Course name

Graduation seminar

1. Course description

This seminar will explicate the principles of writing a graduation thesis. This will include: its substantive aspects and the drafting and editing aspects of the writing process; the meaning of critical thinking and research methods used in pedagogy; determination and formulation of thesis subject and definition of thesis goals; plan of work; ethical aspects of thesis writing (i.e. risk of plagiarism and its consequences); the researcher's ethical code; analysis of source text and gathering and work on the sources; writing chapters; discussing problems related to the thesis and searching for solutions in the colloquium group setting; the final stage of writing: editing the preface, creating a bibliography and annexes, correcting mistakes, and having the thesis accepted and marked.

2. Prerequisites

The requirements defined in PWSZ regulations.

3. Aim of the course

The main goal of the diploma seminar is to increase students' knowledge in specified science fields, to improve their abilities of critical thinking and study of research methods, to extend their abilities of defining investigation problems and to search for creative solutions

4. Literature

1. Palka S. (1999), *Pedagogika w stanie tworzenia*. Wyd. UJ, Kraków 1999
2. Palka S. (2003), *Pedagogika w stanie tworzenia: kontynuacje*. Wyd. UJ, Kraków 2003
3. Palka S. (2006), *Metodologia badania: praktyka pedagogiczna*. GWP, Gdańsk 2006
4. Boć J., konsultacja filologiczna J. Miodek (2003), *Jak pisać pracę magisterską*. Wrocław 2003
5. Węglińska M., *Jak pisać pracę magisterską*. Oficyna Wydawnicza „Impuls”, Kraków 1997

5. Type of course: Obligatory**6. Teaching team**

Department of Pedagogy

7. Course structure

Form	Number of hours	Semester	Year
Lecture			
Exercises			
Laboratory			
Project			
Seminar	30/24	5, 6	3
Total student's workload	90		

8. Conditions of the course acceptance:

Numeric grade

9. Language: Polish

Political science

Studies at the political science last six semesters and students who graduate obtain the vocational title of Bachelor's degree. Students of this major learn how to analyze various political processes and as a result they are able to understand the political reality on the local, national and international level. They are able to make their own political decisions and formulate their own opinions on various political matters.

Moreover, our students have opportunity to develop their practical abilities which could then be used by them for instance in public administration, political parties, economic or social organizations.

There are three different specialties within this major which can be chosen after the third semester: public services, European integration, public communication and public relations.

Political science graduates can continue studying in order to obtain their Master's degree at universities.

The specialty of Public Services

Graduate of this specialty possesses an extensive knowledge of political science enriched by basic information from other academic disciplines for instance law, sociology, psychology, economy or management. Students also gain qualifications connected with customer service. Graduate of this major are to become qualified personnel of the public services system in Poland.

The specialty of European Integration

Graduate of this specialty possesses an extensive knowledge of political science enriched by basic information from other academic disciplines for instance law, sociology, psychology, economy or management. He or she knows how the European institutions operate and is also aware of integration processes in Europe or the European law. Graduate is prepared to work in public administration, public and private companies or the organizations of the third sector where he or she takes position related to the cooperation with the European institutions.

The specialty of Public Communication and Public Relations

Graduate of this specialty possesses an extensive knowledge of political science enriched by basic information from other academic disciplines for instance law, sociology, psychology, economy or management. Moreover, he or she is prepared to use mass-media, marketing, promotion and dvertisement in practice thanks to the practical knowledge gained during this course. Each graduate is also able to take positions which require not only theoretical but also practical knowledge of public relations. These positions could be available in various companies, councils or social organizations.

Major: Political science

Specialization: European integration,

Recruitment: 2009

Full time

Year I

No.	Name of subject	Number	Semester 1					ECTS	Semester 2					ECTS	Form
		of hours	lc	c	lb	p	s		lc	c	lb	p	s		of credit
Subjects of general education															
1	Sociology	30							30	0	0	0	0	3	exam
2	Philosophy	30	30	0	0	0	0	3							exam
3	Information Technology	30							0	30	0	0	0	2	credit
4	Intellectual Property Protection	15							15	0	0	0	0	1	credit
Basic subjects															
1	Science about State and Law	30	15	15	0	0	0	3							credit
2	Science about Politics	90	15	15	0	0	0	3	30	30	0	0	0	6	exam
3	History of Political Thought	45	30	15	0	0	0	4							exam
4	Political Systems	45							30	15	0	0	0	3	credit
Main subjects															
1	Regional History	60	0	0	0	0	0	0	30	30	0	0	0	3	credit
2	Political Geography	30	15	15	0	0	0	3							credit
3	Statistics and Demography	30	15	15	0	0	0	3							credit
4	Social and Economic Policy	45							30	15	0	0	0	3	credit
5	Universal History	60	30	30	0	0	0	5							exam
6	History of Poland of The 20 th Century	90	15	15	0	0	0	3	30	30	0	0	0	6	credit/exam
7	Choice of Conversatoriums	30	0	15	0	0	0	2	0	15	0	0	0	2	credit
8	Choice of Lectures	30	15	0	0	0	0	1	15	0	0	0	0	1	credit
Total number of hours:			90	45	0	0	0		105	75	0	0	0		
Total number of hours per semester(year)/ECTS:		315	135					30	180					30	
Number of examinations:		6	3						3						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: European integration,

Recruitment: 2009

Full time

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form	
			lc	c	lb	p	s		lc	c	lb	p	s		of credit	
Subjects of general education																
1	Phisical Education	60	0	30	0	0	0	1	0	30	0	0	0	1	credit	
2	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	exam	
Basic subjects																
3	Political Systems	45	30	15	0	0	0	5							exam	
Main subjects																
1	Religions of the World	30	15	15	0	0	0	2							credit	
2	Public Administration	45	30	15	0	0	0	5							exam	
3	Social and Economic Policy	46	30	15	0	0	0	4							exam	
4	International Relations	90	15	15	0	0	0	3	30	30	0	0	0	5	credit/ exam	
5	Theory of Organization and Management	30	15	15	0	0	0	4							exam	
6	Local Govemment and Policy	30	15	15	0	0	0	2							credit	
7	Parties and Party Systems	30							15	15				4	exam	
8	European Integration	30							15	15	0	0	0	3	credit	
9	Choice of Conversatoriums	15	0	15	0	0	0	2							credit	
10	Choice of Lectures	30	30	0	0	0	0	1							credit	
Total number of hours/ECTS:		541	180	180	0	0	0	30	60	120	0	0	0	14		
Subjects for speciality																
1	Conversatorium	15							0	15	0	0	0	2	credit	
2	Seminar	15							0	15	0	0	0	2	credit	
3	Theories of Integration	15							15	0	0	0	0	1	credit	
4	Institutions and Descisions Making Process in the EU	30							15	15	0	0	0	4	exam	
5	Ethnic Relations in Europe	30							15	15	0	0	0	3	exam	
6	Choice of Lectures	30							30	0	0	0	0	2	credit	
7	Choice of Lecturec/ Workschops in Foreign Language	15							15	0	0	0	0	1	credit	
Total number of hours per semester(year)/ECTS:		150	0	0	0	0	0	0	90	60	0	0	0	15		
Total number of hours/ECTS:			180	180	0	0	0	30	150	180	0	0	0	29		
Total number of hours per semester (year):		691	360						330							
Number of examinations:		6	2						4							

Major: Political science

Specialization: European integration,

Recruitment: 2009

Full time

Year III

No.	Name of subject	Number Of hours	Semester 5					ECTS	Semester 6					ECTS	Form	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foreign Language	60	0	60	0	0	0	3							exam	
Basic subjects																
1	Contemporary Political Thought	30							15	15	0	0	0	5	exam	
Main subjects																
1	The Republic of Poland Political system	60	30	30	0	0	0	5							exam	
2	Political Marketing	45	30	15	0	0	0	3							credit	
Total number of hours/ECTS:		195	60	105	0	0	0	11	15	15	0	0	0	5		
Subjects for speciality																
1	Conversatorium	60	0	30	0	0	0	2	0	30	0	0	0	2	credit	
2	Seminar	60	0	30	0	0	0	2	0	30	0	0	0	2	credit	
3	Economics Policy of The EU	30	15	15	0	0	0	4							exam	
4	European Regional Policy	30	15	15	0	0	0	3							credit	
5	Government and Self Gouvernment Administration in Europe	45	30	15	0	0	0	4							exam	
6	Foreign and Security Policy of The EU	30	15	15	0	0	0	1							credit	
7	Social Policy of The EU	30							15	15	0	0	0	4	exam	
8	Projects Management in EU standards	15							0	15	0	0	0	1	credit	
9	Small and Medium Enterprise in The EU	30							15	15	0	0	0	3	credit	
10	Choice of Lectures	60	30	0	0	0	0	2	30	0	0	0	0	2	credit	
11	Choice of Lectures/ Workshps in Foregin Language	60	30	0	0	0	0	1	30	0	0	0	0	1	credit	
12	Diploma Thesis													10	credit	
Total number of hours per semester(year)/ECTS:		450	135	120	0	0	0	19	90	105	0	0	0	25		
Total number of hours/ECTS:			195	225	0	0	0	30	105	120	0	0	0	30		
Total number of hours per semester (year):		645	420						225							
Number of examinations:		6	3						3							

Major: Political science

Specialization: European integration,

Recruitment: 2009

Non-stationary

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Sociology	30							0	30	0	0	0	3	credit		
2	Philosophy	30	30	0	0	0	0	3							exam		
3	Information Technology	30							0	30	0	0	0	2	credit		
4	Intellectual Property Protection	10							10	0	0	0	0	1	credit		
Basic subjects																	
1	Science about State and Law	30	16	14	0	0	0	2							credit		
2	Science about Politics	70	14	10	0	0	0	3	30	16	0	0	0	6	credit/exam		
3	History of Political Thought	36	20	14	0	0	0	5							exam		
4	Political Systems	30							16	14	0	0	0	3	credit		
Main subjects																	
1	Regional History	36							18	18	0	0	0	3	credit		
2	Political Geography	20	10	10	0	0	0	3							credit		
3	Statistics and Demography	22	12	10	0	0	0	3							credit		
4	Social and Economic Policy	28							16	12	0	0	0	3	credit		
5	Universal History of The 20 th Century	40	20	20	0	0	0	5							exam		
6	History of Poland of The 20 th Century	60	10	10	0	0	0	3	20	20	0	0	0	6	credit/exam		
7	Choice of Conversatoriums	24	0	12	0	0	0	2	0	12	0	0	0	2	credit		
8	Choice of Lectures	24	12	0	0	0	0	1	12	0	0	0	0	1	credit		
Total number of hours:			144	38	0	0	0		122	90	0	0	0				
Total number of hours per semester(year)/ECTS:		520	182						30	212						30	
Number of examinations:		6	3							3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: European integration,

Recruitment: 2009

Non-stationary

Year II

No.	Name of subject	Number	Semester 3					ECTS	Semester 4					ECTS	Form	
		Of hours	lc	c	lb	p	s		lc	c	lb	p	s		Of credit	
Subjects of general education																
1	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	credit	
Basic subjects																
1	Political Systems	30	16	14	0	0	0	5							exam	
Main subjects																
1	Religions of the World	20	10	10	0	0	0	2							credit	
2	Public Administration	30	18	12	0	0	0	5							exam	
3	Social and Economic Policy	28	16	12	0	0	0	4							exam	
4	International Relations	60	16	14	0	0	0	3	16	14	0	0	0	5	credit/ exam	
5	Theory of Organization and Management	24	12	12	0	0	0	4							exam	
6	Local Government and Policy	24	12	12	0	0	0	3							credit	
7	The Republic of Poland Political System	24							12	12	0	0	0	5	credit	
8	Parties and Party Systems	24							12	12	0	0	0	3	exam	
9	Choice of Conversatoriums	12	0	12	0	0	0	2							credit	
10	Choice of Lectures	18	18	0	0	0	0	1							credit	
Total number of hours/ECTS:		264	102	84	0	0	0	30	40	38	0	0	0	14		
Subjects for speciality																
1	Conversatorium	12							0	12	0	0	0	2	credit	
2	Seminar	12							0	12	0	0	0	2	credit	
3	Theories of Integration	16							16	0	0	0	0	2	credit	
4	Institutions and Descisions Making Process in the EU	22							12	10	0	0	0	4	exam	
5	Ethnic Relations in Europe	22							12	10	0	0	0	4	exam	
6	Choice of Lectures	18							18	0	0	0	0	2	credit	
Total number of hours per semester(year)/ECTS:		102	0	0	0	0	0	0	58	44	0	0	0	16		
Total number of hours/ECTS:			102	84	0	0	0	30	98	82	0	0	0	30		
Total number of hours per semester (year):		366	186						180							
Number of examinations:		6	2						4							

Major: Political science

Specialization: European integration,

Recruitment: 2009

Non-stationary

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	2	exam		
Basic subjects																	
1	Contemporary Political Thought	30							16	14	0	0	0	5	exam		
	Main subjects																
1	The Republic of Poland Political system	40	20	20	0	0	0	6							exam		
2	Political Marketing	28	16	12	0	0	0	3							credit		
Total number of hours/ECTS:		158	36	62	0	0	0	10	16	44	0	0	0	7			
Subjects for speciality																	
1	Conversatorium	36	0	18	0	0	0	2	0	18	0	0	0	2	credit		
2	Seminar	36	0	18	0	0	0	2	0	18	0	0	0	2	credit		
3	Economics Policy of The EU	22	12	10	0	0	0	5							exam		
4	European Regional Policy	22	12	10	0	0	0	3							credit		
5	Government and Self- Government Administration in Europe	28	18	10	0	0	0	5							exam		
6	Foreign and Security Policy of The EU	22	12	10	0	0	0	1							credit		
7	Social Policy of The EU	22							12	10	0	0	0	4	exam		
8	Projects Management in EU standards	12							0	12	0	0	0	1	credit		
9	Small and Medium Enterprise in The EU	22							12	10	0	0	0	2	credit		
10	Choice of Lectures	36	18					2	18					2	credit		
11	Diploma Thesis													10	credit		
Total number of hours per semester(year)/ECTS:		258	72	76	0	0	0	20	42	68	0	0	0	23			
Total number of hours/ECTS:			108	138	0	0	0	30	58	112	0	0	0	30			
Total number of hours per semester (year):		416	246						170								
Number of examinations:		6	3						3								

Major: Political science

Specialization: European integration,

Recruitment: 2008

Full time

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Logic	45	15	30	0	0	0	2						2	credit		
2	Economy	30	15	15	0	0	0	4							exam		
3	Information Technology	30							0	30	0	0	0	2	credit		
4	Sociology	45							30	15	0	0	0	4	exam		
5	Social Psychology	45							30	15	0	0	0	4	exam		
6	Philosophy	45							30	15	0	0	0	4	exam		
7	Intellectual Property Protection	15							15	0	0	0	0	1	credit		
Basic subjects																	
1	Science about State and Law	30	15	15	0	0	0	3							credit		
2	Science about Politics	60	30	30	0	0	0	5							exam		
3	History of Political Thought	30	15	15	0	0	0	4							exam		
4	Political Systems	45							30	15	0	0	0	3	credit		
5	Work Experience	200							0	0	0	200	0		credit		
Main subjects																	
1	Regional History	30	30	0	0	0	0	2							credit		
2	Political Geography	30	15	15	0	0	0	2							credit		
3	Statistics and Demography	30							15	15	0	0	0	2	credit		
4	World History of The 20th Century	60	30	30	0	0	0	5							exam		
5	History of Poland of The 20 th Century	60							30	30	0	0	0	5	exam		
6	Choice of Conversatoriums	30	0	15	0	0	0	1	0	15	0	0	0	1	credit		
7	Choice of Lectures	60	30	0	0	0	0	2	30	0	0	0	0	2	credit		
Total number of hours:			90	105	0	0	0		135	90	0	200	0				
Total number of hours per semester(year)/ECTS:		620	195						30	425						30	
Number of examinations:		6	3							3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: European integration,

Recruitment: 2008

Full time

Year II

No.	Name of subject	Number	Semester 3						ECTS	Semester 4					ECTS	Form	
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Phisical Education	60	0	30	0	0	0	1	0	30	0	0	0	1	credit		
2	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	exam		
Basic subjects																	
3	Political Systems	45	15	30	0	0	0	6							exam		
4	Work Experience	200							0	0	0	200	0	2	credit		
Main subjects																	
1	Religions of the World	30	15	15	0	0	0	2							credit		
2	Public Administration	45	30	15	0	0	0	5							exam		
3	Social and Economic Policy	30	15	15	0	0	0	4							exam		
4	International Relations	90	30	15	0	0	0	3	15	30	0	0	0	4	credit/ exam		
5	Theory of Organization and Management	30	15	15	0	0	0	3							exam		
6	Local Govemment and Policy	30	15	15	0	0	0	2							credit		
7	The Republic of Poland Political System	30							15	15	0	0	0	3	credit		
8	Parties and Party Systems	30							15	15				4	exam		
9	European Integration	30							15	15	0	0	0	2	credit		
10	Choice of Conversatoriums	15	0	15	0	0	0	1							credit		
11	Choice of Lectures	30	30	0	0	0	0	2							credit		
Total number of hours/ECTS:		680	135	180	0	0	0	30	45	120	0	200	0	17			
Subjects for speciality																	
1	Conversatorium	15							0	15	0	0	0	1	credit		
2	Seminar	15							0	15	0	0	0	2	credit		
3	Theories of Integration	15							15	0	0	0	0	1	credit		
4	Institutions and Descisions Making Process in the EU	30							15	15	0	0	0	3	exam		
5	Ethnic Relations in Europe	45							30	15	0	0	0	3	exam		
6	Choice of Lectures	30							30	0	0	0	0	2	credit		
7	Choice of Lecturec/ Workschops in Foreign Language	15							15	0	0	0	0	1	credit		
8	Work Experience	200										200			credit		
Total number of hours per semester(year)/ECTS:		365	0	0	0	0	0	0	105	60	0	200	0	13			
Total number of hours/ECTS:			135	180	0	0	0	30	150	180	0	400	0	30			
Total number of hours per semester (year):		1045	315							730							
Number of examinations:		6	2							4							

Major: Political science

Specialization: European integration,

Recruitment: 2008

Full time

Year III

No.	Name of subject	Number Of hours	Semester 5					ECTS	Semester 6					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foreign Language	60	0	60	0	0	0	3								exam
Basic subjects																
1	Contemporary Political Thought	30							15	15	0	0	0	5		exam
	Main subjects															
1	The Republic of Poland Political system	30	15	15	0	0	0	4								exam
2	Political Marketing	30	15	15	0	0	0	2								credit
Total number of hours/ECTS:		150	30	90	0	0	0	9								
Subjects for speciality																
1	Conversatorium	30	0	15	0	0	0	2	0	15	0	0	0	2		credit
2	Seminar	60	0	30	0	0	0	2	0	30	0	0	0	2		credit
3	Economics Policy of The EU	30	15	15	0	0	0	4								exam
4	European Regional Policy	30	15	15	0	0	0	2								credit
5	Local Government in Europe	30	15	15	0	0	0	4								exam
6	Foreign and Security Policy of The EU	15	15	0	0	0	0	1								credit
7	Public Administration in The EU	30	15	15	0	0	0	2								credit
8	Social Policy of The EU	30							15	15	0	0	0	4		exam
9	Projects Management in EU standards	15							0	15	0	0	0	1		credit
10	Small and Medium Enterprise in The EU	30							15	15	0	0	0	2		credit
11	Choice of Lectures	60	30					2	30					2		credit
12	Choice of Lectures/ Workshps in Foregin Language	60	30	0	0	0	0	2	30	0	0	0	0	2		credit
13	Diploma Thesis													10		credit
Total number of hours per semester(year)/ECTS:		420	135	105	0	0	0	21	90	90	0	0	0	25		
Total number of hours/ECTS:			165	195	0	0	0	30	105	105	0	0	0	30		
Total number of hours per semester (year):		570	360						210							
Number of examinations:		6	3						3							

Major: Political science

Specialization: European integration,

Recruitment: 2008

Non-stationary

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Logic	20	10	10	0	0	0	2								credit	
2	Economy	20	10	10	0	0	0	4								exam	
3	Information Technology	30							0	30	0	0	0	2		credit	
4	Sociology	20							10	10	0	0	0	4		exam	
5	Social Psychology	20							10	10	0	0	0	4		exam	
6	Philosophy	20							10	10	0	0	0	4		exam	
7	Intellectual Property Protection	10							10	0	0	0	0	1		credit	
Basic subjects																	
1	Science about State and Law	30	14	16	0	0	0	3								credit	
2	Science about Politics	60	30	30	0	0	0	5								exam	
3	History of Political Thought	30	14	16	0	0	0	4								exam	
4	Political Systems	32							16	16	0	0	0	3		credit	
5	Work Experience	120							0	0	0	120	0	2		credit	
Main subjects																	
1	Regional History	10	10	0	0	0	0	2								credit	
2	Political Geography	20	10	10	0	0	0	2								credit	
3	Statistics and Demography	24							12	12	0	0	0	2		credit	
4	World History of The 20th Century	40	20	20	0	0	0	5								exam	
5	History of Poland of The 20 th Century	40							20	20	0	0	0	5		exam	
6	Choice of Conversatoriums	24	0	10	0	0	0	1	0	12	0	0	0	1		credit	
7	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2		credit	
Total number of hours:			78	82	0	0	0		56	76	0	120	0				
Total number of hours per semester(year)/ECTS:		412	160			30			252			30					
Number of examinations:		6	3						3								

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: European integration,

Recruitment: 2008

Non-stationary

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	credit
Basic subjects															
2	Political Systems	32	16	16	0	0	0	6							exam
3	Work Experience	120							0	0	0	120	0	2	credit
Main subjects															
1	Religions of the World	20	10	10	0	0	0	2							credit
2	Public Administration	32	20	12	0	0	0	5							exam
3	Social and Economic Policy	24	12	12	0	0	0	4							exam
4	International Relations	64	20	12	0	0	0	3	12	20	0	0	0	4	credit/ exam
5	Theory of Organization and Management	24	12	12	0	0	0	4							exam
6	Local Government and Policy	24	12	12	0	0	0	2							credit
7	The Republic of Poland Political System	24							12	12	0	0	0	3	credit
8	Parties and Party Systems	24							12	12				4	exam
9	European Integration	24							12	12	0	0	0	3	credit
10	Choice of Conversatoriums	12	0	12	0	0	0	1							credit
11	Choice of Lectures	18	18	0	0	0	0	2							credit
Total number of hours/ECTS:		448	102	116	0	0	0	30							
Subjects for speciality															
1	Conversatorium	12							0	12	0	0	0	2	credit
2	Seminar	12							0	12	0	0	0	2	credit
3	Theories of Integration	12							12	0	0	0	0	1	credit
4	Institutions and Descisions Making Process in the EU	24							12	12	0	0	0	3	exam
5	Ethnic Relations in Europe	30							18	12	0	0	0	3	exam
6	Choice of Lectures	18							18	0	0	0	0	2	credit
Total number of hours per semester(year)/ECTS:		108	0	0	0	0	0	0	60	48	0	0	0	13	
Total number of hours/ECTS:			102	116	0	0	0	30	96	122	0	120	0	30	
Total number of hours per semester (year):		556	218						338						
Number of examinations:		6	2						4						

Major: Political science

Specialization: European integration,

Recruitment: 2008

Non-stationary

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	2	exam	
Basic subjects																
1	Contemporary Political Thought	30							14	16	0	0	0	5	exam	
	Main subjects															
1	The Republic of Poland Political system	24	12	12	0	0	0	5							exam	
2	Political Marketing	24	12	12	0	0	0	3							credit	
Total number of hours/ECTS:		138	24	54	0	0	0	9	14	46	0	0	0	7		
Subjects for speciality																
1	Conversatorium	24	0	12	0	0	0	2	0	12	0	0	0	2	credit	
2	Seminar	36	0	18	0	0	0	2	0	18	0	0	0	2	credit	
3	Economics Policy of The EU	24	12	12	0	0	0	5							exam	
4	European Regional Policy	24	12	12	0	0	0	2							credit	
5	Local Government in Europe	24	12	12	0	0	0	5							exam	
6	Foreign and Security Policy of The EU	12	12	0	0	0	0	1							credit	
7	Public Administration in The EU	24	12	12	0	0	0	2							credit	
8	Social Policy of The EU	24							12	12	0	0	0	4	exam	
9	Projects Management in EU standards	12							0	12	0	0	0	1	credit	
10	Small and Medium Enterprise in The EU	24							12	12	0	0	0	2	credit	
11	Choice of Lectures	36	18					2	18					2	credit	
12	Diploma Thesis													10	credit	
Total number of hours per semester(year)/ECTS:		264	78	78	0	0	0	21	42	66	0	0	0	23		
Total number of hours/ECTS:			102	132	0	0	0	30	56	112	0	0	0	30		
Total number of hours per semester (year):		402	234						168							
Number of examinations:		6	3						3							

Major: Political science

Specialization: European integration,

Recruitment: 2007

Full time

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Logic	45	15	30	0	0	0	2						2	credit	
2	Economy	30	15	15	0	0	0	4							exam	
3	Information Technology	30							0	30	0	0	0	2	credit	
4	Sociology	45							30	15	0	0	0	4	exam	
5	Social Psychology	45							30	15	0	0	0	4	exam	
6	Philosophy	45							30	15	0	0	0	4	exam	
7	Intellectual Property Protection	15							15	0	0	0	0	1	credit	
Basic subjects																
1	Science about State and Law	30	15	15	0	0	0	3							credit	
2	Science about Politics	60	30	30	0	0	0	5							exam	
3	History of Political Thought	30	15	15	0	0	0	4							exam	
4	Political Systems	45							30	15	0	0	0	3	credit	
5	Work Experience	200							0	0	0	200	0		credit	
Main subjects																
1	Regional History	30	30	0	0	0	0	2							credit	
2	Political Geography	30	15	15	0	0	0	2							credit	
3	Statistics and Demography	30							15	15	0	0	0	2	credit	
4	World History of The 20th Century	60	30	30	0	0	0	5							exam	
5	History of Poland of The 20 th Century	60							30	30	0	0	0	5	exam	
6	Choice of Conversatoriums	30	0	15	0	0	0	1	0	15	0	0	0	1	credit	
7	Choice of Lectures	60	30	0	0	0	0	2	30	0	0	0	0	2	credit	
Total number of hours:			90	105	0	0	0		135	90	0	200	0			
Total number of hours per semester(year)/ECTS:		620	195					30	425					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: European integration,

Recruitment: 2007

Full time

Year II

No.	Name of subject	Number	Semester 3						ECTS	Semester 4					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Phisical Education	60	0	30	0	0	0	1	0	30	0	0	0	1	credit	
2	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	exam	
Basic subjects																
3	Political Systems	45	15	30	0	0	0	6							exam	
4	Work Experience	200							0	0	0	200	0	2	credit	
Main subjects																
1	Religions of the World	30	15	15	0	0	0	2							credit	
2	Public Administration	45	30	15	0	0	0	5							exam	
3	Social and Economic Policy	30	15	15	0	0	0	4							exam	
4	International Relations	90	30	15	0	0	0	3	15	30	0	0	0	4	credit/ exam	
5	Theory of Organization and Management	30	15	15	0	0	0	3							exam	
6	Local Government and Policy	30	15	15	0	0	0	2							credit	
7	The Republic of Poland Political System	30							15	15	0	0	0	3	credit	
8	Parties and Party Systems	30							15	15				4	exam	
9	European Integration	30							15	15	0	0	0	2	credit	
10	Choice of Conversatoriums	15	0	15	0	0	0	1							credit	
11	Choice of Lectures	30	30	0	0	0	0	2							credit	
Total number of hours/ECTS:		680	135	180	0	0	0	30	45	120	0	200	0	17		
Subjects for speciality																
1	Conversatorium	15							0	15	0	0	0	1	credit	
2	Seminar	15							0	15	0	0	0	2	credit	
3	Theories of Integration	15							15	0	0	0	0	1	credit	
4	Institutions and Descisions Making Process in the EU	30							15	15	0	0	0	3	exam	
5	Ethnic Relations in Europe	45							30	15	0	0	0	3	exam	
6	Choice of Lectures	30							30	0	0	0	0	2	credit	
7	Choice of Lecture/ Workschops in Foreign Language	15							15	0	0	0	0	1	credit	
8	Work Experience	200										200			credit	
Total number of hours per semester(year)/ECTS:		365	0	0	0	0	0	0	105	60	0	200	0	13		
Total number of hours/ECTS:			135	180	0	0	0	30	150	180	0	400	0	30		
Total number of hours per semester (year):		1045	315						730							
Number of examinations:		6	2						4							

Major: Political science

Specialization: European integration,

Recruitment: 2007

Full time

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Foreign Language	60	0	60	0	0	0	3								exam	
Basic subjects																	
1	Contemporary Political Thought	30							15	15	0	0	0	5		exam	
	Main subjects																
1	The Republic of Poland Political system	30	15	15	0	0	0	4								exam	
2	Political Marketing	30	15	15	0	0	0	2								credit	
Total number of hours/ECTS:		150	30	90	0	0	0	9	15	15	0	0	0	5			
Subjects for speciality																	
1	Conversatorium	30	0	15	0	0	0	2	0	15	0	0	0	2		credit	
2	Seminar	60	0	30	0	0	0	2	0	30	0	0	0	2		credit	
3	Economics Policy of The EU	30	15	15	0	0	0	4								exam	
4	European Regional Policy	30	15	15	0	0	0	2								credit	
5	Local Government in Europe	30	15	15	0	0	0	4								exam	
6	Foreign and Security Policy of The EU	15	15	0	0	0	0	1								credit	
7	Public Administration in The EU	30	15	15	0	0	0	2								credit	
8	Social Policy of The EU	30							15	15	0	0	0	4		exam	
9	Projects Management in EU standards	15							0	15	0	0	0	1		credit	
10	Small and Medium Enterprise in The EU	30							15	15	0	0	0	2		credit	
11	Choice of Lectures	60	30					2	30					2		credit	
12	Choice of Lectures/ Workshps in Foregin Language	60	30	0	0	0	0	2	30	0	0	0	0	2		credit	
13	Diploma Thesis													10		credit	
Total number of hours per semester(year)/ECTS:		420	135	105	0	0	0	21	90	90	0	0	0	25			
Total number of hours/ECTS:			165	195	0	0	0	30	105	105	0	0	0	30			
Total number of hours per semester (year):		570	360						210								
Number of examinations:		6	3						3								

Major: Political science

Specialization: European integration,

Recruitment: 2007

Non-stationary

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Logic	20	10	10	0	0	0	2								credit
2	Economy	20	10	10	0	0	0	4								exam
3	Information Technology	30							0	30	0	0	0	2		credit
4	Sociology	20							10	10	0	0	0	4		exam
5	Social Psychology	20							10	10	0	0	0	4		exam
6	Philosophy	20							10	10	0	0	0	4		exam
7	Intellectual Property Protection	10							10	0	0	0	0	1		credit
Basic subjects																
1	Science about State and Law	30	14	16	0	0	0	3								credit
2	Science about Politics	60	30	30	0	0	0	5								exam
3	History of Political Thought	30	14	16	0	0	0	4								exam
4	Political Systems	32							16	16	0	0	0	3		credit
5	Work Experience	120							0	0	0	120	0	2		credit
Main subjects																
1	Regional History	10	10	0	0	0	0	2								credit
2	Political Geography	20	10	10	0	0	0	2								credit
3	Statistics and Demography	24							12	12	0	0	0	2		credit
4	World History of The 20th Century	40	20	20	0	0	0	5								exam
5	History of Poland of The 20 th Century	40							20	20	0	0	0	5		exam
6	Choice of Conversatoriums	24	0	10	0	0	0	1	0	12	0	0	0	1		credit
7	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2		credit
Total number of hours:			78	82	0	0	0		56	76	0	120	0			
Total number of hours per semester(year)/ECTS:		412	160					30	252					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: European integration,

Recruitment: 2007

Non-stationary

Year II

No.	Name of subject	Number	Semester 3						ECTS	Semester 4					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
2	Foreign Language	80	0	40	0	0	0	1	0	40	0	0	0	1	credit	
Basic subjects																
3	Political Systems	32	16	16	0	0	0	6							exam	
4	Work Experience	120							0	0	0	120	0	2	credit	
Main subjects																
1	Religions of the World	20	10	10	0	0	0	2							credit	
2	Public Administration	32	20	12	0	0	0	5							exam	
3	Social and Economic Policy	24	12	12	0	0	0	4							exam	
4	International Relations	64	20	12	0	0	0	3	12	20	0	0	0	4	credit/ exam	
5	Theory of Organization and Management	24	12	12	0	0	0	4							exam	
6	Local Government and Policy	24	12	12	0	0	0	2							credit	
7	The Republic of Poland Political System	24							12	12	0	0	0	3	credit	
8	Parties and Party Systems	24							12	12				4	exam	
9	European Integration	24							12	12	0	0	0	3	credit	
10	Choice of Conversatoriums	12	0	12	0	0	0	1							credit	
11	Choice of Lectures	18	18	0	0	0	0	2							credit	
Total number of hours/ECTS:		468	102	126	0	0	0	30	36	84	0	120	0	17		
Subjects for speciality																
1	Conversatorium	12							0	12	0	0	0	1	credit	
2	Seminar	12							0	12	0	0	0	2	credit	
3	Theories of Integration	12							12	0	0	0	0	1	credit	
4	Institutions and Descisions Making Process in the EU	24							12	12	0	0	0	3	exam	
5	Ethnic Relations in Europe	30							18	12	0	0	0	3	exam	
6	Choice of Lectures	18							18	0	0	0	0	2	credit	
7	Choice of Lecture/ Workshops in Foreign Language	12							12	0	0	0	0	1		
Total number of hours per semester(year)/ECTS:		120	0	0	0	0	0	0	72	48	0	0	0	13		
Total number of hours/ECTS:			102	126	0	0	0	30	108	132	0	120	0	30		
Total number of hours per semester (year):		588	228						360							
Number of examinations:		6	2						4							

Major: Political science

Specialization: European integration,

Recruitment: 2007

Non-stationary

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Foreign Language	40	0	40	0	0	0	3								exam	
Basic subjects																	
1	Contemporary Political Thought	30							14	16	0	0	0	5		exam	
	Main subjects																
1	The Republic of Poland Political system	24	12	12	0	0	0	4								exam	
2	Political Marketing	24	12	12	0	0	0	2								credit	
Total number of hours/ECTS:		118	24	64	0	0	0	9	14	16	0	0	0	5			
Subjects for speciality																	
1	Conversatorium	24	0	12	0	0	0	2	0	12	0	0	0	2		credit	
2	Seminar	32	0	16	0	0	0	2	0	16	0	0	0	2		credit	
3	Economics Policy of The EU	24	12	12	0	0	0	4								exam	
4	European Regional Policy	24	12	12	0	0	0	2								credit	
5	Local Government in Europe	24	12	12	0	0	0	4								exam	
6	Foreign and Security Policy of The EU	12	12	0	0	0	0	1								credit	
7	Public Administration in The EU	24	12	12	0	0	0	2								credit	
8	Social Policy of The EU	24							12	12	0	0	0	4		exam	
9	Projects Management in EU standards	12							0	12	0	0	0	1		credit	
10	Small and Medium Enterprise in The EU	24							12	12	0	0	0	2		credit	
11	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2		credit	
12	Diploma Thesis													10		credit	
13	Choice of Lecture/ Workshops in Foreign Language	24	12	0	0	0	0	2	12	0	0	0	0	2		credit	
Total number of hours per semester(year)/ECTS:		284	78	76	0	0	0	21	54	64	0	0	0	25			
Total number of hours/ECTS:			102	140	0	0	0	30	68	80	0	0	0	30			
Total number of hours per semester (year):		402	242						148								
Number of examinations:		6	3						3								

Major: Political science

Specialization: Public communication and public relations

Full time

Recruitment: 2009

Year I

No.	Name of subject	Number	Semester 1					ECTS	Semester 2					ECTS	Form	
		Of hours	lc	c	lb	p	s		lc	c	lb	p	s		Of credit	
Subjects of general education																
1	Sociology	30							30	0	0	0	0	3	exam	
2	Philosophy	30	30	0	0	0	0	3							exam	
3	Information Technology	30							0	30	0	0	0	2	credit	
4	Intellectual Property Protection	15							15	0	0	0	0	1	credit	
Basic subjects																
1	Science about State and Law	30	15	15	0	0	0	3							credit	
2	Science about Politics	90	15	15	0	0	0	3	30	30	0	0	0	6	exam	
3	History of Political Thought	45	30	15	0	0	0	4							exam	
4	Political Systems	45							30	15	0	0	0	3	credit	
Main subjects																
1	Regional History	60	0	0	0	0	0	0	30	30	0	0	0	3	credit	
2	Political Geography	30	15	15	0	0	0	3							credit	
3	Statistics and Demography	30	15	15	0	0	0	3							credit	
4	Social and Economic Policy	45							30	15	0	0	0	3	credit	
5	Universal History	60	30	30	0	0	0	5							exam	
6	History of Poland of The 20 th Century	90	15	15	0	0	0	3	30	30	0	0	0	6	credit/exam	
7	Choice of Conversatoriums	30	0	15	0	0	0	2	0	15	0	0	0	2	credit	
8	Choice of Lectures	30	15	0	0	0	0	1	15	0	0	0	0	1	credit	
Total number of hours:			90	45	0	0	0		105	75	0	0	0			
Total number of hours per semester(year)/ECTS:		315	135					30	180					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: Public communication and public relations

Full time

Recruitment: 2009

Year II

No.	Name of subject	Number	Semester 3						ECTS	Semester 4						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Phisical Education	60	0	30	0	0	0	1	0	30	0	0	0	1	credit		
2	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	exam		
Basic subjects																	
3	Political Systems	45	30	15	0	0	0	5							exam		
Main subjects																	
1	Religions of the World	30	15	15	0	0	0	2							credit		
2	Public Administration	45	30	15	0	0	0	5							exam		
3	Social and Economic Policy	46	30	15	0	0	0	4							exam		
4	International Relations	90	15	15	0	0	0	3	30	30	0	0	0	5	credit/ exam		
5	Theory of Organization and Management	30	15	15	0	0	0	4							exam		
6	Local Govemment and Policy	30	15	15	0	0	0	2							credit		
7	Parties and Party Systems	30							15	15				4	exam		
8	European Integration	30							15	15	0	0	0	3	credit		
9	Choice of Conversatoriums	15	0	15	0	0	0	2							credit		
10	Choice of Lectures	30	30	0	0	0	0	1							credit		
Total number of hours/ECTS:		541	180	180	0	0	0	30	60	120	0	0	0	14			
Subjects for speciality																	
1	Conversatorium	15							0	15	0	0	0	2	credit		
2	Seminar	15							0	15	0	0	0	2	credit		
3	The Basics of Social Communication	45							30	15	0	0	0	4	exam		
4	Intoduction to Public Relations	45							30	15	0	0	0	4	exam		
5	The World`s and Polish Media System	15							15	0	0	0	0	1	credit		
6	Choice of Lectures	30							30	0	0	0	0	2	credit		
7	Choice of Lecture/ Workshops in Foreign Language	15							15	0	0	0	0	1	credit		
Total number of hours per semester(year)/ECTS:		180	0	0	0	0	0	0	120	60	0	0	0	16			
Total number of hours/ECTS:			180	180	0	0	0	30	180	180	0	0	0	30			
Total number of hours per semester (year):		721	360						360								
Number of examinations:		6	2						4								

Major: Political science

Specialization: Public communication and public relations

Full time

Recruitment: 2009

Year III

No.	Name of subject	Number	Semester 5					ECTS	Semester 6					ECTS	Form
		Of hours	lc	c	lb	p	s		lc	c	lb	p	s		Of credit
Subjects of general education															
1	Foreign Language	60	0	60	0	0	0	3							exam
Basic subjects															
1	Contemporary Political Thought	30							15	15	0	0	0	5	exam
2	Work Exsperience	200	0	0	0	200	0								credit
	Main subjects														
1	The Republic of Poland Political system	60	30	30	0	0	0	5							exam
2	Political Marketing	45	30	15	0	0	0	3							credit
Total number of hours/ECTS:		395	60	105	0	200	0	11	15	15	0	0	0	5	
Subjects for speciality															
1	Conversatorium	60	0	30	0	0	0	2	0	30	0	0	0	2	credit
2	Seminar	60	0	30	0	0	0	2	0	30	0	0	0	2	credit
3	Public Image Creation	30	15	15	0	0	0	4							exam
4	Political Communication	15	15	0	0	0	0	2							credit
6	Press and Copiright Law	30	15	15	0	0	0	4							exam
7	Public Opinion	15	0	15	0	0	0	2							credit
8	Public Life Ethics	30							15	15	0	0	0	2	credit
9	Spokespersonship	30							0	30	0	0	0	2	credit
10	Promotion and Advertisement	30							15	15	0	0	0	4	exam
11	Choice of Lectures	60	30	0	0	0	0	2	30	0	0	0	0	2	credit
12	Choice of Lectures/ Workshps in Foregin Language	60	30	0	0	0	0	1	30	0	0	0	0	1	credit
13	Diploma Thesis													10	credit
Total number of hours per semester(year)/ECTS:		420	105	105	0	0	0	19	90	120	0	0	0	25	
Total number of hours/ECTS:			165	210	0	200	0	30	105	135	0	0	0	30	
Total number of hours per semester (year):		815	575						240						
Number of examinations:		6	3						3						

Major: Political science

Specialization: Public communication and public relations

Non-stationary

Recruitment: 2009

Year I

No.	Name od subject	Number	Semester 1					ECTS	Semester 2					ECTS	Form	
		Of hours	lc	c	lb	p	s		lc	c	lb	p	s		Of credit	
Subjects of general education																
1	Sociology	30							30	0	0	0	0	3	exam	
2	Philosophy	30	30	0	0	0	0	3							exam	
3	Information Technology	30							0	30	0	0	0	2	credit	
4	Intellectual Property Protection	10							10	0	0	0	0	1	credit	
Basic subjects																
1	Science about State and Law	30	16	14	0	0	0	2							credit	
2	Science about Politics	70	14	10	0	0	0	3	30	16	0	0	0	6	exam	
3	History of Political Thought	34	20	14	0	0	0	5							exam	
4	Political Systems	30							16	14	0	0	0	3	credit	
Main subjects																
1	Regional History	36							18	18	0	0	0	3	credit	
2	Political Geography	20	10	10	0	0	0	3							credit	
3	Statistics and Demography	22	12	10	0	0	0	3							credit	
4	Social and Economic Policy	28							16	12	0	0	0	3	credit	
4	Universal History	40	20	20	0	0	0	5							exam	
5	History of Poland of The 20 th Century	60	10	10	0	0	0	3	20	20	0	0	0	6	exam	
6	Choice of Conversatoriums	24	0	12	0	0	0	2	0	12	0	0	0	2	credit	
7	Choice of Lectures	24	12	0	0	0	0	1	12	0	0	0	0	1	credit	
Total number of hours:			80	38	0	0	0		86	60	0	0	0			
Total number of hours per semester(year)/ECTS:		264	118					30	146					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: Public communication and public relations

Non-stationary

Recruitment: 2009

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form	
			lc	c	lb	p	s		lc	c	lb	p	s		Of credit	
Subjects of general education																
1	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	credit	
Basic subjects																
1	Political Systems	30	16	14	0	0	0	5							exam	
Main subjects																
1	Religions of the World	20	10	10	0	0	0	2							credit	
2	Public Administration	30	18	12	0	0	0	5							exam	
3	Social and Economic Policy	28	16	12	0	0	0	4							exam	
4	International Relations	60	16	14	0	0	0	3	16	14	0	0	0	5	Credit/exam	
5	Theory of Organization and Management	24	12	12	0	0	0	4							exam	
6	Local Govemment and Policy	24	12	12	0	0	0	3							credit	
7	Parties and Party Systems	24							12	12				5	exam	
8	European Integration	24							12	12	0	0	0	3	credit	
9	Choice of Conversatoriums	12	0	12	0	0	0	2							credit	
10	Choice of Lectures	18	18	0	0	0	0	1							credit	
Total number of hours/ECTS:		264	102	84	0	0	0	30	40	68	0	0	0	14		
Subjects for speciality																
1	Conversatorium	12							0	12	0	0	0	2	credit	
2	Seminar	12							0	12	0	0	0	2	credit	
3	The Basics of Social Communication	30							18	12	0	0	0	4	exam	
4	Intoduction to Public Relations	30							18	12				4	exam	
5	The World's and Polish Media System	14							14	0	0	0	0	2	credit	
6	Choice of Lectures	18							18	0	0	0	0	2	credit	
Total number of hours per semester(year)/ECTS:		116	0	0	0	0	0	0	68	48	0	0	0	16		
Total number of hours/ECTS:			102	84	0	0	0	30	108	116	0	0	0	30		
Total number of hours per semester (year):		380	186						224							
Number of examinations:		6	2						4							

Major: Political science

Specialization: Public communication and public relations

Non-stationary

Recruitment: 2009

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	2	Credit/exam		
Basic subjects																	
1	Contemporary Political Thought	30							16	14	0	0	0	5	exam		
Main subjects																	
1	The Republic of Poland Political system	40	20	20	0	0	0	6							exam		
2	Political Marketing	28	16	12	0	0	0	3							credit		
Total number of hours/ECTS:		158	36	62	0	0	0	10	16	44	0	0	0	7			
Subjects for speciality																	
1	Conversatorium	36	0	18	0	0	0	2	0	18	0	0	0	2	credit		
2	Seminar	36	0	18	0	0	0	2	0	18	0	0	0	2	credit		
3	Public Image Creation	26	14	12	0	0	0	5							Credit/exam		
4	Political Communication	14	14	0	0	0	0	2							credit		
5	Press and Copirright Law	22	12	10	0	0	0	5							exam		
6	Public Opinion	12	0	12	0	0	0	2							credit		
7	Public Life Ethics	22							12	10	0	0	0	2	credit		
8	Spokespersonship	18							0	18	0	0	0	2	credit		
9	Promotion and Advertisement	22							12	10	0	0	0	3	credit		
10	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2	credit		
11	Diploma Thesis													10	credit		
Total number of hours per semester(year)/ECTS:		244	58	70	0	0	0	20	42	74	0	0	0	23			
Total number of hours/ECTS:			94	132	0	0	0	30	58	118	0	0	0	30			
Total number of hours per semester (year):		402	226						176								
Number of examinations:		6	3						3								

Major: Political science

Specialization: Public communication and public relations

Full time

Recruitment: 2008

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Logic	45	15	30	0	0	0	2						2	credit	
2	Economy	30	15	15	0	0	0	4							exam	
3	Information Technology	30							0	30	0	0	0	2	credit	
4	Sociology	45							30	15	0	0	0	4	exam	
5	Social Psychology	45							30	15	0	0	0	4	exam	
6	Philosophy	45							30	15	0	0	0	4	exam	
7	Intellectual Property Protection	15							15	0	0	0	0	1	credit	
Basic subjects																
1	Science about State and Law	30	15	15	0	0	0	3							credit	
2	Science about Politics	60	30	30	0	0	0	5							exam	
3	History of Political Thought	30	15	15	0	0	0	4							exam	
4	Political Systems	45							30	15	0	0	0	3	credit	
5	Work Experience	200							0	0	0	200	0		credit	
Main subjects																
1	Regional History	30	30	0	0	0	0	2							credit	
2	Political Geography	30	15	15	0	0	0	2							credit	
3	Statistics and Demography	30							15	15	0	0	0	2	credit	
4	World History of The 20th Century	60	30	30	0	0	0	5							exam	
5	History of Poland of The 20 th Century	60							30	30	0	0	0	5	exam	
6	Choice of Conversatoriums	30	0	15	0	0	0	1	0	15	0	0	0	1	credit	
7	Choice of Lectures	60	30	0	0	0	0	2	30	0	0	0	0	2	credit	
Total number of hours:			90	105	0	0	0		135	90	0	200	0			
Total number of hours per semester(year)/ECTS:		620	195					30	425					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: Public communication and public relations

Full time

Recruitment: 2008

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form
			lc	c	lb	p	s		lc	c	lb	p	s		Of credit
Subjects of general education															
1	Phisical Education	60	0	30	0	0	0	1	0	30	0	0	0	1	credit
2	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	exam
Basic subjects															
3	Political Systems	45	15	30	0	0	0	6							exam
4	Work Experience	200							0	0	0	200	0	2	credit
Main subjects															
1	Religions of the World	30	15	15	0	0	0	2							credit
2	Public Administration	45	30	15	0	0	0	5							exam
3	Social and Economic Policy	30	15	15	0	0	0	4							exam
4	International Relations	90	30	15	0	0	0	3	15	30	0	0	0	4	credit/ exam
5	Theory of Organization and Management	30	15	15	0	0	0	3							exam
6	Local Govemment and Policy	30	15	15	0	0	0	2							credit
7	The Republic of Poland Political System	30							15	15	0	0	0	3	credit
8	Parties and Party Systems	30							15	15				4	exam
9	European Integration	30							15	15	0	0	0	2	credit
10	Choice of Conversatoriums	15	0	15	0	0	0	1							credit
11	Choice of Lectures	30	30	0	0	0	0	2							credit
Total number of hours/ECTS:		680	135	180	0	0	0	30	45	120	0	200	0	17	
Subjects for speciality															
1	Conversatorium	15							0	15	0	0	0	1	credit
2	Seminar	15							0	15	0	0	0	2	credit
3	The Basics of Social Communication	30							15	15	0	0	0	3	exam
4	Intoduction to Public Relations	30							15	15	0	0	0	3	exam
5	The World`s and Polish Media System	15							15	0	0	0	0	1	credit
6	Choice of Lectures	30							30	0	0	0	0	2	credit
7	Choice of Lecturec/ Workschops in Foreign Language	15							15	0	0	0	0	1	credit
8	Work Experience	200										200			credit
Total number of hours per semester(year)/ECTS:		350	0	0	0	0	0	0	90	60	0	200	0	13	
Total number of hours/ECTS:			135	180	0	0	0	30	135	180	0	400	0	30	
Total number of hours per semester (year):		1030	315						715						
Number of examinations:		6	2						4						

Major: Political science

Specialization: Public communication and public relations

Full time

Recruitment: 2008

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Foreign Language	60	0	60	0	0	0	3								exam	
Basic subjects																	
1	Contemporary Political Thought	30							15	15	0	0	0	5		exam	
	Main subjects																
1	The Republic of Poland Political system	30	15	15	0	0	0	4								exam	
2	Political Marketing	30	15	15	0	0	0	2								credit	
Total number of hours/ECTS:		150	30	90	0	0	0	9									
Subjects for speciality																	
1	Conversatorium	30	0	15	0	0	0	2	0	15	0	0	0	2		credit	
2	Seminar	60	0	30	0	0	0	2	0	30	0	0	0	2		credit	
3	Public Image Creation	30	15	15	0	0	0	3								credit	
4	Political Communication	15	15	0	0	0	0	1								credit	
5	Methods and Technics of PR	45	30	15	0	0	0	4								exam	
6	Press and Copiright Law	30	15	15	0	0	0	4								exam	
7	Public Opinion	15	15	0	0	0	0	1								credit	
8	Public Life Ethics	30							15	15	0	0	0	2		credit	
9	Spokespersonship	30							0	30	0	0	0	2		credit	
10	Promotion and Advertisement	30							15	15	0	0	0	3		exam	
11	Choice of Lectures	60	30					2	30					2		credit	
12	Choice of Lectures/ Workshps in Foregin Language	60	30	0	0	0	0	2	30	0	0	0	0	2		credit	
13	Diploma Thesis													10		credit	
Total number of hours per semester(year)/ECTS:		435	150	90	0	0	0	21	90	105	0	0	0	25			
Total number of hours/ECTS:			180	180	0	0	0	30	105	120	0	0	0	30			
Total number of hours per semester (year):		585	360						225								
Number of examinations:		6	3						3								

Major: Political science

Specialization: Public communication and public relations

Non-stationary

Recruitment: 2008

Year I

No.	Name of subject	Number	Semester 1					ECTS	Semester 2					ECTS	Form	
		Of hours	lc	c	lb	p	s		lc	c	lb	p	s		Of credit	
Subjects of general education																
1	Logic	20	10	10	0	0	0	2								credit
2	Economy	20	10	10	0	0	0	4								exam
3	Information Technology	30							0	30	0	0	0	2		credit
4	Sociology	20							10	10	0	0	0	4		exam
5	Social Psychology	20							10	10	0	0	0	4		exam
6	Philosophy	20							10	10	0	0	0	4		exam
7	Intellectual Property Protection	10							10	0	0	0	0	1		credit
Basic subjects																
1	Science about State and Law	30	14	16	0	0	0	3								credit
2	Science about Politics	60	30	30	0	0	0	5								exam
3	History of Political Thought	30	14	16	0	0	0	4								exam
4	Political Systems	32							16	16	0	0	0	3		credit
5	Work Experience	120							0	0	0	120	0	2		credit
Main subjects																
1	Regional History	10	10	0	0	0	0	2								credit
2	Political Geography	20	10	10	0	0	0	2								credit
3	Statistics and Demography	24							12	12	0	0	0	2		credit
4	World History of The 20th Century	40	20	20	0	0	0	5								exam
5	History of Poland of The 20 th Century	40							20	20	0	0	0	5		exam
6	Choice of Conversatoriums	24	0	12	0	0	0	1	0	12	0	0	0	1		credit
7	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2		credit
Total number of hours:			78	82	0	0	0		56	76	0	120	0			
Total number of hours per semester(year)/ECTS:		412	160					30	252					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: Public communication and public relations

Non-stationary

Recruitment: 2008

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form	
			lc	c	lb	p	s		lc	c	lb	p	s		Of credit	
Subjects of general education																
2	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	credit	
Basic subjects																
3	Political Systems	32	16	16	0	0	0	6							exam	
4	Work Experience	120							0	0	0	120	0	2	credit	
Main subjects																
1	Religions of the World	20	10	10	0	0	0	2							credit	
2	Public Administration	32	20	15	0	0	0	5							exam	
3	Social and Economic Policy	24	12	12	0	0	0	4							exam	
4	International Relations	64	20	12	0	0	0	3	12	20	0	0	0	4	credit/ exam	
5	Theory of Organization and Management	24	12	12	0	0	0	4							exam	
6	Local Government and Policy	24	12	12	0	0	0	2							credit	
7	The Republic of Poland Political System	24							12	12	0	0	0	3	credit	
8	Parties and Party Systems	24							12	12				4	exam	
9	European Integration	24							12	12	0	0	0	3	credit	
10	Choice of Conversatoriums	12	0	12	0	0	0	1							credit	
11	Choice of Lectures	18	18	0	0	0	0	2							credit	
Total number of hours/ECTS:		448	102	119	0	0	0	30	36	74	0	120	0	17		
Subjects for speciality																
1	Conversatorium	12							0	12	0	0	0	2	credit	
2	Seminar	12							0	12	0	0	0	2	credit	
3	The Basics of Social Communication	24							12	12	0	0	0	3	exam	
4	Intoduction to Public Relations	24							12	12	0	0	0	3	exam	
5	The World`s and Polish Media System	12							12	0	0	0	0	1	credit	
6	Choice of Lectures	18							18	0	0	0	0	2	credit	
Total number of hours per semester(year)/ECTS:		102	0	0	0	0	0	0	54	48	0	0	0	13		
Total number of hours/ECTS:			102	119	0	0	0	30	90	122	0	120	0	30		
Total number of hours per semester (year):		550	221						332							
Number of examinations:		6	2						4							

Major: Political science

Specialization: Public communication and public relations

Non-stationary

Recruitment: 2008

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	2	exam	
Basic subjects																
1	Contemporary Political Thought	30							14	16	0	0	0	5	exam	
	Main subjects															
1	The Republic of Poland Political system	24	12	12	0	0	0	5							exam	
2	Political Marketing	24	12	12	0	0	0	3							credit	
Total number of hours/ECTS:		138	24	54	0	0	0	9	14	46	0	0	0	7		
Subjects for speciality																
1	Conversatorium	24	12	0	0	0	0	2	0	12	0	0	0	2	credit	
2	Seminar	36	0	18	0	0	0	2	0	18	0	0	0	2	credit	
3	Public Image Creation	24	12	12	0	0	0	3							credit	
4	Political Communication	12	12	0	0	0	0	1							credit	
5	Methods and Technics of PR	30	18	12	0	0	0	5							exam	
6	Press and Copiright Law	24	12	12	0	0	0	5							exam	
7	Public Opinion	12	12	0	0	0	0	1							credit	
8	Public Life Ethics	24							12	12	0	0	0	2	credit	
9	Spokespersonship	18							0	18	0	0	0	2	credit	
10	Promotion and Advertisement	24							12	12	0	0	0	3	credit	
11	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2	credit	
12	Diploma Thesis													10	credit	
Total number of hours per semester(year)/ECTS:		264	96	54	0	0	0	21	42	72	0	0	0	23		
Total number of hours/ECTS:			120	108	0	0	0	30	56	118	0	0	0	30		
Total number of hours per semester (year):		402	228						174							
Number of examinations:		6	3						3							

Major: Political science

Specialization: Public communication and public relations

Full time

Recruitment: 2007

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Logic	45	15	30	0	0	0	2						2	credit	
2	Economy	30	15	15	0	0	0	4							exam	
3	Information Technology	30							0	30	0	0	0	2	credit	
4	Sociology	45							30	15	0	0	0	4	exam	
5	Social Psychology	45							30	15	0	0	0	4	exam	
6	Philosophy	45							30	15	0	0	0	4	exam	
7	Intellectual Property Protection	15							15	0	0	0	0	1	credit	
Basic subjects																
1	Science about State and Law	30	15	15	0	0	0	3							credit	
2	Science about Politics	60	30	30	0	0	0	5							exam	
3	History of Political Thought	30	15	15	0	0	0	4							exam	
4	Political Systems	45							30	15	0	0	0	3	credit	
5	Work Experience	200							0	0	0	200	0		credit	
Main subjects																
1	Regional History	30	30	0	0	0	0	2							credit	
2	Political Geography	30	15	15	0	0	0	2							credit	
3	Statistics and Demography	30							15	15	0	0	0	2	credit	
4	World History of The 20th Century	60	30	30	0	0	0	5							exam	
5	History of Poland of The 20 th Century	60							30	30	0	0	0	5	exam	
6	Choice of Conversatoriums	30	0	15	0	0	0	1	0	15	0	0	0	1	credit	
7	Choice of Lectures	60	30	0	0	0	0	2	30	0	0	0	0	2	credit	
Total number of hours:			90	105	0	0	0		135	90	0	200	0			
Total number of hours per semester(year)/ECTS:		620	195					30	425					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: Public communication and public relations

Full time

Recruitment: 2007

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form
			lc	c	lb	p	s		lc	c	lb	p	s		Of credit
Subjects of general education															
1	Phisical Education	60	0	30	0	0	0	1	0	30	0	0	0	1	credit
2	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	exam
Basic subjects															
3	Political Systems	45	15	30	0	0	0	6							exam
4	Work Experience	200							0	0	0	200	0	2	credit
Main subjects															
1	Religions of the World	30	15	15	0	0	0	2							credit
2	Public Administration	45	30	15	0	0	0	5							exam
3	Social and Economic Policy	30	15	15	0	0	0	4							exam
4	International Relations	90	30	15	0	0	0	3	15	30	0	0	0	4	credit/ exam
5	Theory of Organization and Management	30	15	15	0	0	0	3							exam
6	Local Govemment and Policy	30	15	15	0	0	0	2							credit
7	The Republic of Poland Political System	30							15	15	0	0	0	3	credit
8	Parties and Party Systems	30							15	15				4	exam
9	European Integration	30							15	15	0	0	0	2	credit
10	Choice of Conversatoriums	15	0	15	0	0	0	1							credit
11	Choice of Lectures	30	30	0	0	0	0	2							credit
Total number of hours/ECTS:		680	135	180	0	0	0	30	45	120	0	200	0	17	
Subjects for speciality															
1	Conversatorium	15							0	15	0	0	0	1	credit
2	Seminar	15							0	15	0	0	0	2	credit
3	The Basics of Social Communication	30							15	15	0	0	0	3	exam
4	Intoduction to Public Relations	30							15	15	0	0	0	3	exam
5	The World's and Polish Media System	15							15	0	0	0	0	1	credit
6	Choice of Lectures	30							30	0	0	0	0	2	credit
7	Choice of Lecturec/ Workschops in Foreign Language	15							15	0	0	0	0	1	credit
8	Work Experience	200										200			credit
Total number of hours per semester(year)/ECTS:		350	0	0	0	0	0	0	90	60	0	200	0	13	
Total number of hours/ECTS:			135	180	0	0	0	30	135	180	0	400	0	30	
Total number of hours per semester (year):		1030	315						715						
Number of examinations:		6	2						4						

Major: Political science

Specialization: Public communication and public relations

Full time

Recruitment: 2007

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Foreign Language	60	0	60	0	0	0	3								exam	
Basic subjects																	
1	Contemporary Political Thought	30							15	15	0	0	0	5		exam	
	Main subjects																
1	The Republic of Poland Political system	30	15	15	0	0	0	4								exam	
2	Political Marketing	30	15	15	0	0	0	2								credit	
Total number of hours/ECTS:		150	30	90	0	0	0	9	15	15	0	0	0	5			
Subjects for speciality																	
1	Conversatorium	30	0	15	0	0	0	2	0	15	0	0	0	2		credit	
2	Seminar	60	0	30	0	0	0	2	0	30	0	0	0	2		credit	
3	Public Image Creation	30	15	15	0	0	0	3								credit	
4	Political Communication	15	15	0	0	0	0	1								credit	
5	Methods and Technics of PR	45	30	15	0	0	0	4								exam	
6	Press and Copiright Law	30	15	15	0	0	0	4								exam	
7	Public Opinion	15	15	0	0	0	0	1								credit	
8	Public Life Ethics	30							15	15	0	0	0	2		credit	
9	Spokespersonship	30							0	30	0	0	0	2		credit	
10	Promotion and Advertisement	30							15	15	0	0	0	3		exam	
11	Choice of Lectures	60	30					2	30					2		credit	
12	Choice of Lectures/ Workshps in Foregin Language	60	30	0	0	0	0	2	30	0	0	0	0	2		credit	
13	Diploma Thesis													10		credit	
Total number of hours per semester(year)/ECTS:		435	150	90	0	0	0	21	90	105	0	0	0	25			
Total number of hours/ECTS:			180	180	0	0	0	30	105	120	0	0	0	30			
Total number of hours per semester (year):		585	360							225							
Number of examinations:		6	3							3							

Major: Political science

Specialization: Public communication and public relations

Non-stationary

Recruitment: 2007

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Logic	20	10	10	0	0	0	2								credit	
2	Economy	20	10	10	0	0	0	4								exam	
3	Information Technology	30							0	30	0	0	0	2		credit	
4	Sociology	20							10	10	0	0	0	4		exam	
5	Social Psychology	20							10	10	0	0	0	4		exam	
6	Philosophy	20							10	10	0	0	0	4		exam	
7	Intellectual Property Protection	10							10	0	0	0	0	1		credit	
Basic subjects																	
1	Science about State and Law	30	14	16	0	0	0	3								credit	
2	Science about Politics	60	30	30	0	0	0	5								exam	
3	History of Political Thought	30	14	16	0	0	0	4								exam	
4	Political Systems	32							16	16	0	0	0	3		credit	
5	Work Experience	120							0	0	0	120	0	2		credit	
Main subjects																	
1	Regional History	10	10	0	0	0	0	2								credit	
2	Political Geography	20	10	10	0	0	0	2								credit	
3	Statistics and Demography	24							12	12	0	0	0	2		credit	
4	World History of The 20th Century	40	20	20	0	0	0	5								exam	
5	History of Poland of The 20 th Century	40							20	20	0	0	0	5		exam	
6	Choice of Conversatoriums	24	0	12	0	0	0	1	0	12	0	0	0	1		credit	
7	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2		credit	
Total number of hours:			78	82	0	0	0		56	76	0	120	0				
Total number of hours per semester(year)/ECTS:		412	160					30	252					30			
Number of examinations:		6	3						3								

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: Public communication and public relations

Non-stationary

Recruitment: 2007

Year II

No.	Name of subject	Number of	Semester 3					ECTS	Semester 4					ECTS	Form	
			lc	c	lb	p	s									
Subjects of general education																
2	Foreign Language	80	0	40	0	0	0	1	0	40	0	0	0	1	credit	
Basic subjects																
3	Political Systems	32	16	16	0	0	0	6							exam	
4	Work Experience	120							0	0	0	120	0	2	credit	
Main subjects																
1	Religions of the World	20	10	10	0	0	0	2							credit	
2	Public Administration	32	20	15	0	0	0	5							exam	
3	Social and Economic Policy	24	12	12	0	0	0	4							exam	
4	International Relations	64	20	12	0	0	0	3	12	20	0	0	0	4	credit/ exam	
5	Theory of Organization and Management	24	12	12	0	0	0	4							exam	
6	Local Government and Policy	24	12	12	0	0	0	2							credit	
7	The Republic of Poland Political System	24							12	12	0	0	0	3	credit	
8	Parties and Party Systems	24							12	12				4	exam	
9	European Integration	24							12	12	0	0	0	3	credit	
10	Choice of Conversatoriums	12	0	12	0	0	0	1							credit	
11	Choice of Lectures	18	18	0	0	0	0	2							credit	
Total number of hours/ECTS:		468	102	129	0	0	0	30	36	84	0	120	0	17		
Subjects for speciality																
1	Conversatorium	12							0	12	0	0	0	1	credit	
2	Seminar	12							0	12	0	0	0	2	credit	
3	The Basics of Social Communication	24							12	12	0	0	0	3	exam	
4	Intoduction to Public Relations	24							12	12	0	0	0	3	exam	
5	The World`s and Polish Media System	12							12	0	0	0	0	1	credit	
6	Choice of Lectures	18							18	0	0	0	0	2	credit	
7	Choice of Lecturec/ Workschops in Foreign Language	12							12	0	0	0	0	1	credit	
Total number of hours per semester(year)/ECTS:		114	0	0	0	0	0	0	66	48	0	0	0	13		
Total number of hours/ECTS:			102	129	0	0	0	30	102	132	0	120	0	30		
Total number of hours per semester (year):		582	231						354							
Number of examinations:		6	2						4							

Major: Political science

Specialization: Public communication and public relations

Non-stationary

Recruitment: 2007

Year III

No.	Name of subject	Number	Semester 5					ECTS	Semester 6					ECTS	Form
		Of hours	lc	c	lb	p	s		lc	c	lb	p	s		Of credit
Subjects of general education															
1	Foreign Language	40	0	40	0	0	0	3							exam
Basic subjects															
1	Contemporary Political Thought	30							14	16	0	0	0	5	exam
	Main subjects														
1	The Republic of Poland Political system	24	12	12	0	0	0	4							exam
2	Political Marketing	24	12	12	0	0	0	2							credit
Total number of hours/ECTS:		118	24	64	0	0	0	9	14	16	0	0	0	5	
Subjects for speciality															
1	Conversatorium	24	12	0	0	0	0	2	0	12	0	0	0	2	credit
2	Seminar	32	0	16	0	0	0	2	0	16	0	0	0	2	credit
3	Public Image Creation	24	12	12	0	0	0	3							credit
4	Political Communication	12	12	0	0	0	0	1							credit
5	Methods and Technics of PR	30	18	12	0	0	0	4							exam
6	Press and Copiright Law	24	12	12	0	0	0	4							exam
7	Public Opinion	12	12	0	0	0	0	1							credit
8	Public Life Ethics	24							12	12	0	0	0	2	credit
9	Spokespersonship	18							0	18	0	0	0	2	credit
10	Promotion and Advertisement	24							12	12	0	0	0	3	credit
11	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2	credit
12	Choice of Lecturec/ Workschops in Foreign Language	24	12	0	0	0	0	2	12	0	0	0	0	2	credit
13	Diploma Thesis													10	credit
Total number of hours per semester(year)/ECTS:		284	108	52	0	0	0	21	54	70	0	0	0	25	
Total number of hours/ECTS:			132	116	0	0	0	30	68	86	0	0	0	30	
Total number of hours per semester (year):		402	248						154						
Number of examinations:		6	3						3						

Major: Political science

Specialization: Public services

Recruitment: 2009

Full time

Year I

No.	Name of subject	Number	Semester 1					ECTS	Semester 2					ECTS	Form
		Of hours	lc	c	lb	p	s		lc	c	lb	p	s		Of credit
Subjects of general education															
1	Sociology	30							30	0	0	0	0	3	exam
2	Philosophy	30	30	0	0	0	0	3							exam
3	Information Technology	30							0	30	0	0	0	2	credit
4	Intellectual Property Protection	15							15	0	0	0	0	1	credit
Basic subjects															
1	Science about State and Law	30	15	15	0	0	0	3							credit
2	Science about Politics	90	15	15	0	0	0	3	30	30	0	0	0	6	exam
3	History of Political Thought	45	30	15	0	0	0	4							exam
4	Political Systems	45							30	15	0	0	0	3	credit
Main subjects															
1	Regional History	60	0	0	0	0	0	0	30	30	0	0	0	3	credit
2	Political Geography	30	15	15	0	0	0	3							credit
3	Statistics and Demography	30	15	15	0	0	0	3							credit
4	Social and Economic Policy	45							30	15	0	0	0	3	credit
5	Universal History	60	30	30	0	0	0	5							exam
6	History of Poland of The 20 th Century	90	15	15	0	0	0	3	30	30	0	0	0	6	credit/exam
7	Choice of Conversatoriums	30	0	15	0	0	0	2	0	15	0	0	0	2	credit
8	Choice of Lectures	30	15	0	0	0	0	1	15	0	0	0	0	1	credit
Total number of hours:			90	45	0	0	0		105	75	0	0	0		
Total number of hours per semester(year)/ECTS:		315	135					30	180					30	
Number of examinations:		6	3						3						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: Public services

Recruitment: 2009

Full time

Year II

No.	Name of subject	Number	Semester 3						ECTS	Semester 4						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Phisical Education	60	0	30	0	0	0	1	0	30	0	0	0	1	credit		
2	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	exam		
Basic subjects																	
3	Political Systems	45	30	15	0	0	0	5							exam		
Main subjects																	
1	Religions of the World	30	15	15	0	0	0	2							credit		
2	Public Administration	45	30	15	0	0	0	5							exam		
3	Social and Economic Policy	46	30	15	0	0	0	4							exam		
4	International Relations	90	15	15	0	0	0	3	30	30	0	0	0	5	credit/ exam		
5	Theory of Organization and Management	30	15	15	0	0	0	4							exam		
6	Local Government and Policy	30	15	15	0	0	0	2							credit		
7	Parties and Party Systems	30							15	15				4	exam		
8	European Integration	30							15	15	0	0	0	3	credit		
9	Choice of Conversatoriums	15	0	15	0	0	0	2							credit		
10	Choice of Lectures	30	30	0	0	0	0	1							credit		
Total number of hours/ECTS:		421	180	120	0	0	0	30	60	60	0	0	0	14			
Subjects for speciality																	
1	Conversatorium	15							0	15	0	0	0	2	credit		
2	Seminar	15							0	15	0	0	0	2	credit		
3	Retoric and Eristic of Public Services	15							0	15	0	0	0	1	credit		
4	Theory and Practice of Negotation	30							15	15	0	0	0	4	exam		
5	Social Communication	60							30	30	0	0	0	4	exam		
6	Choice of Lectures	30							30	0	0	0	0	2	credit		
7	Choice of Lecture/ Workschops in Foreign Language	15							15	0	0	0	0	1	credit		
Total number of hours per semester(year)/ECTS:		180	0	0	0	0	0	0	90	90	0	0	0	16			
Total number of hours/ECTS:			180	120	0	0	0	30	150	150	0	0	0	30			
Total number of hours per semester (year):		601	300						300								
Number of examinations:		6	2						4								

Major: Political science

Specialization: Public services

Recruitment: 2009

Full time

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Foreign Language	60	0	60	0	0	0	3								exam	
Basic subjects																	
1	Contemporary Political Thought	30							15	15	0	0	0	5		exam	
2	Work Exsperience	200	0	0	0	200	0	0								credit	
	Main subjects																
1	The Republic of Poland Political system	60	30	30	0	0	0	5								exam	
2	Political Marketing	45	30	15	0	0	0	3								credit	
Total number of hours/ECTS:		395	60	105	0	200	0	11	15	15	0	0	0	5			
Subjects for speciality																	
1	Conversatorium	60	0	30	0	0	0	2	0	30	0	0	0	2		credit	
2	Seminar	60	0	30	0	0	0	2	0	30	0	0	0	2		credit	
3	Public Finance	30	15	15	0	0	0	4								exam	
4	Civil Society	15	15	0	0	0	0	1								credit	
5	Sociotechnics in Public Services	15	0	15	0	0	0	2								credit	
6	Public Services System	30	15	15	0	0	0	4								exam	
7	PR in Public Services	30	30	0	0	0	0	1								credit	
8	Ethics in Public Administration	30							15	15	0	0	0	3		credit	
10	Human Resources Management	30							15	15	0	0	0	5		exam	
11	Choice of Lectures	60	30	0	0	0	0	2	30	0	0	0	0	2		credit	
12	Choice of Lectures/ Workshps in Foregin Language	60	30	0	0	0	0	1	30	0	0	0	0	1		credit	
13	Diploma Thesis													10		credit	
Total number of hours per semester(year)/ECTS:		420	135	105	0	0	0	19	90	90	0	0	0	25			
Total number of hours/ECTS:			195	210	0	200	0	30	105	105	0	0	0	30			
Total number of hours per semester (year):		815	605							210							
Number of examinations:		6	3							3							

Major: Political science

Specialization: Public services

Recruitment: 2009

Non-stationary

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Sociology	30							0	30	0	0	0	3	credit	
2	Philosophy	30	30	0	0	0	0	3							exam	
3	Information Technology	30							0	30	0	0	0	2	credit	
4	Intellectual Property Protection	10							10	0	0	0	0	1	credit	
Basic subjects																
1	Science about State and Law	30	16	14	0	0	0	2							credit	
2	Science about Politics	70	14	10	0	0	0	3	30	16	0	0	0	6	credit/exam	
3	History of Political Thought	36	20	14	0	0	0	5							exam	
4	Political Systems	30							16	14	0	0	0	3	credit	
Main subjects																
1	Regional History	36							18	18	0	0	0	3	credit	
2	Political Geography	20	10	10	0	0	0	3							credit	
3	Statistics and Demography	22	12	10	0	0	0	3							credit	
4	Social and Economic Policy	28							16	12	0	0	0	3	credit	
5	Universal History of The 20 th Century	40	20	20	0	0	0	5							exam	
6	History of Poland of The 20 th Century	60	10	10	0	0	0	3	20	20	0	0	0	6	credit/exam	
7	Choice of Conversatoriums	24	0	12	0	0	0	2	0	12	0	0	0	2	credit	
8	Choice of Lectures	24	12	0	0	0	0	1	12	0	0	0	0	1	credit	
Total number of hours:			144	38	0	0	0		122	90	0	0	0			
Total number of hours per semester(year)/ECTS:		520	182					30	212					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: Public services

Recruitment: 2009

Non-stationary

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form
			lc	c	lb	p	s		lc	c	lb	p	s		Of credit
Subjects of general education															
1	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	credit
Basic subjects															
1	Political Systems	30	16	14	0	0	0	5							exam
Main subjects															
1	Religions of the World	20	10	10	0	0	0	2							credit
2	Public Administration	30	18	12	0	0	0	5							exam
3	Social and Economic Policy	28	16	12	0	0	0	4							exam
4	International Relations	60	16	14	0	0	0	3	16	14	0	0	0	5	credit/ exam
5	Theory of Organization and Management	24	12	12	0	0	0	4							exam
6	Local Government and Policy	24	12	12	0	0	0	3							credit
7	The Republic of Poland Political System	24							12	12	0	0	0	5	credit
8	Parties and Party Systems	24							12	12				3	exam
9	Choice of Conversatoriums	12	0	12	0	0	0	2							credit
10	Choice of Lectures	18	18	0	0	0	0	1							credit
Total number of hours/ECTS:		264	102	84	0	0	0	30	40	38	0	0	0	14	
Subjects for speciality															
1	Conversatorium	12							0	12	0	0	0	2	credit
2	Seminar	12							0	12	0	0	0	2	credit
3	Retoric and Eristic of Public Services	12							0	12	0	0	0	2	credit
4	Theory and Practice of Negotation	24							12	12	0	0	0	4	exam
5	Social Communication	36							18	18	0	0	0	4	exam
6	Choice of Lectures	18							18	0	0	0	0	2	credit
Total number of hours per semester(year)/ECTS:		114	0	0	0	0	0	0	48	66	0	0	0	16	
Total number of hours/ECTS:			102	84	0	0	0	30	88	104	0	0	0	30	
Total number of hours per semester (year):		378	186						192						
Number of examinations:		6	2						4						

Major: Political science

Specialization: Public services

Recruitment: 2009

nonstationary

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	2	exam	
Basic subjects																
1	Contemporary Political Thought	30							16	14	0	0	0	5	exam	
	Main subjects															
1	The Republic of Poland Political system	40	20	20	0	0	0	6							exam	
2	Political Marketing	28	16	12	0	0	0	3							credit	
Total number of hours/ECTS:		158	36	62	0	0	0	10	16	44	0	0	0	7		
Subjects for speciality																
1	Conversatorium	36	0	18	0	0	0	2	0	18	0	0	0	2	credit	
2	Seminar	36	0	18	0	0	0	2	0	18	0	0	0	2	credit	
3	Public Finance	22	12	10	0	0	0	5							exam	
4	Civil Society	12	12	0	0	0	0	2							credit	
5	Sociotechnics in Public Services	12	0	12	0	0	0	2							credit	
6	Public Services System	26	14	12	0	0	0	4							exam	
7	PR in Public Services	18	18	0	0	0	0	1							credit	
8	Ethics in Public Administration	24							12	12	0	0	0	3	credit	
10	Human Resources Management	24							12	12	0	0	0	4	exam	
11	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2	credit	
12	Diploma Thesis													10	credit	
Total number of hours per semester(year)/ECTS:		246	74	70	0	0	0	20	42	60	0	0	0	23		
Total number of hours/ECTS:			110	132	0	0	0	30	58	104	0	0	0	30		
Total number of hours per semester (year):		404	242						162							
Number of examinations:		6	3						3							

Major: Political science

Specialization: Public services

Recruitment: 2008

Full time

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Logic	45	15	30	0	0	0	2						2	credit		
2	Economy	30	15	15	0	0	0	4							exam		
3	Information Technology	30							0	30	0	0	0	2	credit		
4	Sociology	45							30	15	0	0	0	4	exam		
5	Social Psychology	45							30	15	0	0	0	4	exam		
6	Philosophy	45							30	15	0	0	0	4	exam		
7	Intellectual Property Protection	15							15	0	0	0	0	1	credit		
Basic subjects																	
1	Science about State and Law	30	15	15	0	0	0	3							credit		
2	Science about Politics	60	30	30	0	0	0	5							exam		
3	History of Political Thought	30	15	15	0	0	0	4							exam		
4	Political Systems	45							30	15	0	0	0	3	credit		
5	Work Experience	200							0	0	0	200	0		credit		
Main subjects																	
1	Regional History	30	30	0	0	0	0	2							credit		
2	Political Geography	30	15	15	0	0	0	2							credit		
3	Statistics and Demography	30							15	15	0	0	0	2	credit		
4	World History of The 20th Century	60	30	30	0	0	0	5							exam		
5	History of Poland of The 20 th Century	60							30	30	0	0	0	5	exam		
6	Choice of Conversatoriums	30	0	15	0	0	0	1	0	15	0	0	0	1	credit		
7	Choice of Lectures	60	30	0	0	0	0	2	30	0	0	0	0	2	credit		
Total number of hours:			90	105	0	0	0		135	90	0	200	0				
Total number of hours per semester(year)/ECTS:		620	195						30	425						30	
Number of examinations:		6	3							3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: Public services

Recruitment: 2008

Full time

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form
			lc	c	lb	p	s		lc	c	lb	p	s		Of credit
Subjects of general education															
1	Phisical Education	60	0	30	0	0	0	1	0	30	0	0	0	1	credit
2	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	exam
Basic subjects															
3	Political Systems	45	15	30	0	0	0	6							exam
4	Work Experience	200							0	0	0	200	0	2	credit
Main subjects															
1	Religions of the World	30	15	15	0	0	0	2							credit
2	Public Administration	45	30	15	0	0	0	5							exam
3	Social and Economic Policy	30	15	15	0	0	0	4							exam
4	International Relations	90	30	15	0	0	0	3	15	30	0	0	0	4	credit/ exam
5	Theory of Organization and Management	30	15	15	0	0	0	3							exam
6	Local Govemment and Policy	30	15	15	0	0	0	2							credit
7	The Republic of Poland Political System	30							15	15	0	0	0	3	credit
8	Parties and Party Systems	30							15	15				4	exam
9	European Integration	30							15	15	0	0	0	2	credit
10	Choice of Conversatoriums	15	0	15	0	0	0	1							credit
11	Choice of Lectures	30	30	0	0	0	0	2							credit
Total number of hours/ECTS:		680	135	180	0	0	0	30	45	120	0	200	0	17	
Subjects for speciality															
1	Conversatorium	15							0	15	0	0	0	1	credit
2	Seminar	15							0	15	0	0	0	2	credit
3	Retoric and Eristic of Public Services	15							0	15	0	0	0	1	credit
4	Theory and Practice of Negotation	30							15	15	0	0	0	3	exam
5	Social Communication	45							30	15	0	0	0	3	exam
6	Choice of Lectures	30							30	0	0	0	0	2	credit
7	Choice of Lecturec/ Workschops in Foreign Language	15							15	0	0	0	0	1	credit
8	Work Experience	200										200			credit
Total number of hours per semester(year)/ECTS:		365	0	0	0	0	0	0	90	75	0	200	0	13	
Total number of hours/ECTS:			135	180	0	0	0	30	135	195	0	400	0	30	
Total number of hours per semester (year):		1045	315						730						
Number of examinations:		6	2						4						

Major: Political science

Specialization: Public services

Recruitment: 2008

Full time

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Foreign Language	60	0	60	0	0	0	3								exam	
Basic subjects																	
1	Contemporary Political Thought	30							15	15	0	0	0	5		exam	
	Main subjects																
1	The Republic of Poland Political system	30	15	15	0	0	0	4								exam	
2	Political Marketing	30	15	15	0	0	0	2								credit	
Total number of hours/ECTS:		150	30	90	0	0	0	9	15	15	0	0	0	5			
Subjects for speciality																	
1	Conversatorium	30	0	15	0	0	0	2	0	15	0	0	0	2		credit	
2	Seminar	60	0	30	0	0	0	2	0	30	0	0	0	2		credit	
3	Public Finance	30	15	15	0	0	0	4								exam	
4	Civil Society	30	30	0	0	0	0	2								credit	
5	Sociotechnics in Public Services	15	0	15	0	0	0	1								credit	
6	Public Services System	30	15	15	0	0	0	4								exam	
7	PR in Public Services	30	30	0	0	0	0	2								credit	
8	Ethics in Public Administration	30							15	15	0	0	0	2		credit	
9	Clerical Etiquette	15							0	15	0	0	0	1		credit	
10	Human Resources Management	30							15	15	0	0	0	4		exam	
11	Choice of Lectures	60	30					2	30					2		credit	
12	Choice of Lectures/ Workshps in Foregin Language	60	30	0	0	0	0	2	30	0	0	0	0	2		credit	
13	Diploma Thesis													10		credit	
Total number of hours per semester(year)/ECTS:		420	150	90	0	0	0	21	90	90	0	0	0	25			
Total number of hours/ECTS:			180	180	0	0	0	30	105	105	0	0	0	30			
Total number of hours per semester (year):		570	360							210							
Number of examinations:		6	3							3							

Major: Political science

Specialization: Public services

Recruitment: 2008

Non-stationary

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Logic	20	10	10	0	0	0	2								credit
2	Economy	20	10	10	0	0	0	4								exam
3	Information Technology	30							0	30	0	0	0	2		credit
4	Sociology	20							10	10	0	0	0	4		exam
5	Social Psychology	20							10	10	0	0	0	4		exam
6	Philosophy	20							10	10	0	0	0	4		exam
7	Intellectual Property Protection	10							10	0	0	0	0	1		credit
Basic subjects																
1	Science about State and Law	30	14	16	0	0	0	3								credit
2	Science about Politics	60	30	30	0	0	0	5								exam
3	History of Political Thought	30	14	16	0	0	0	4								exam
4	Political Systems	32							16	16	0	0	0	3		credit
5	Work Experience	120							0	0	0	120	0	2		credit
Main subjects																
1	Regional History	10	10	0	0	0	0	2								credit
2	Political Geography	20	10	10	0	0	0	2								credit
3	Statistics and Demography	24							12	12	0	0	0	2		credit
4	World History of The 20th Century	40	20	20	0	0	0	5								exam
5	History of Poland of The 20 th Century	40							20	20	0	0	0	5		exam
6	Choice of Conversatoriums	24	0	12	0	0	0	1	0	12	0	0	0	1		credit
7	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2		credit
Total number of hours:			78	82	0	0	0		56	76	0	120	0			
Total number of hours per semester(year)/ECTS:		412	160					30	252					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: Public services

Recruitment: 2008

Non-stationary

Year II

No.	Name of subject	Number	Semester 3						ECTS	Semester 4					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	credit		
Subjects of general education																
2	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	credit	
Basic subjects																
3	Political Systems	32	16	16	0	0	0	6							exam	
4	Work Experience	120							0	0	0	120	0	2	credit	
Main subjects																
1	Religions of the World	20	10	10	0	0	0	2							credit	
2	Public Administration	32	20	12	0	0	0	5							exam	
3	Social and Economic Policy	24	12	12	0	0	0	4							exam	
4	International Relations	64	20	12	0	0	0	3	12	20	0	0	0	4	credit/ exam	
5	Theory of Organization and Management	24	12	12	0	0	0	4							exam	
6	Local Government and Policy	24	12	12	0	0	0	2							credit	
7	The Republic of Poland Political System	24							12	12	0	0	0	3	credit	
8	Parties and Party Systems	24							12	12				4	exam	
9	European Integration	24							12	12	0	0	0	3	credit	
10	Choice of Conversatoriums	12	0	12	0	0	0	1							credit	
11	Choice of Lectures	18	18	0	0	0	0	2							credit	
Total number of hours/ECTS:		448	102	116	0	0	0	30	36	74	0	120	0	17		
Subjects for speciality																
1	Conversatorium	12							0	12	0	0	0	2	credit	
2	Seminar	12							0	12	0	0	0	2	credit	
3	Retoric and Eristic of Public Services	12							0	12	0	0	0	1	credit	
4	Theory and Practice of Negotation	24							12	12	0	0	0	3	exam	
5	Social Communication	30							18	12	0	0	0	3	exam	
6	Choice of Lectures	18							18	0	0	0	0	2	credit	
Total number of hours per semester(year)/ECTS:		108	0	0	0	0	0	0	48	60	0	0	0	13		
Total number of hours/ECTS:			102	116	0	0	0	30	84	134	0	120	0	30		
Total number of hours per semester (year):		556	218							338						
Number of examinations:		6	2							4						

Major: Political science

Specialization: Public services

Recruitment: 2008

Non-stationary

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6					ECTS	Form	
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	2	exam		
Basic subjects																	
1	Contemporary Political Thought	30							14	16	0	0	0	5	exam		
	Main subjects																
1	The Republic of Poland Political system	24	12	12	0	0	0	5							exam		
2	Political Marketing	24	12	12	0	0	0	3							credit		
Total number of hours/ECTS:		138	24	54	0	0	0	9	14	46	0	0	0	7			
Subjects for speciality																	
1	Conversatorium	24	0	12	0	0	0	2	0	12	0	0	0	2	credit		
2	Seminar	36	0	18	0	0	0	2	0	18	0	0	0	2	credit		
3	Public Finance	24	12	12	0	0	0	5							exam		
4	Civil Society	18	18	0	0	0	0	2							credit		
5	Sociotechnics in Public Services	12	0	12	0	0	0	1							credit		
6	Public Services System	24	12	12	0	0	0	5							exam		
7	PR in Public Services	18	18	0	0	0	0	2							credit		
8	Ethics in Public Administration	24							12	12	0	0	0	2	credit		
9	Clerical Etiquette	12							0	12	0	0	0	1	credit		
10	Human Resources Management	30							15	15	0	0	0	4	exam		
11	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2	credit		
12	Diploma Thesis													10	credit		
Total number of hours per semester(year)/ECTS:		258	78	66	0	0	0	21	45	69	0	0	0	23			
Total number of hours/ECTS:			102	120	0	0	0	30	59	115	0	0	0	30			
Total number of hours per semester (year):		396	222							174							
Number of examinations:		6	3							3							

Major: Political science

Specialization: Public services

Recruitment: 2007

Full time

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Logic	45	15	30	0	0	0	2						2	credit	
2	Economy	30	15	15	0	0	0	4							exam	
3	Information Technology	30							0	30	0	0	0	2	credit	
4	Sociology	45							30	15	0	0	0	4	exam	
5	Social Psychology	45							30	15	0	0	0	4	exam	
6	Philosophy	45							30	15	0	0	0	4	exam	
7	Intellectual Property Protection	15							15	0	0	0	0	1	credit	
Basic subjects																
1	Science about State and Law	30	15	15	0	0	0	3							credit	
2	Science about Politics	60	30	30	0	0	0	5							exam	
3	History of Political Thought	30	15	15	0	0	0	4							exam	
4	Political Systems	45							30	15	0	0	0	3	credit	
5	Work Experience	200							0	0	0	200	0		credit	
Main subjects																
1	Regional History	30	30	0	0	0	0	2							credit	
2	Political Geography	30	15	15	0	0	0	2							credit	
3	Statistics and Demography	30							15	15	0	0	0	2	credit	
4	World History of The 20th Century	60	30	30	0	0	0	5							exam	
5	History of Poland of The 20 th Century	60							30	30	0	0	0	5	exam	
6	Choice of Conversatoriums	30	0	15	0	0	0	1	0	15	0	0	0	1	credit	
7	Choice of Lectures	60	30	0	0	0	0	2	30	0	0	0	0	2	credit	
Total number of hours:			90	105	0	0	0		135	90	0	200	0			
Total number of hours per semester(year)/ECTS:		620	195					30	425					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: Public services

Recruitment: 2007

Full time

Year II

No.	Name of subject	Number	Semester 3						ECTS	Semester 4					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Phisical Education	60	0	30	0	0	0	1	0	30	0	0	0	1	credit	
2	Foreign Language	60	0	30	0	0	0	1	0	30	0	0	0	1	exam	
Basic subjects																
3	Political Systems	45	15	30	0	0	0	6							exam	
4	Work Experience	200							0	0	0	200	0	2	credit	
Main subjects																
1	Religions of the World	30	15	15	0	0	0	2							credit	
2	Public Administration	45	30	15	0	0	0	5							exam	
3	Social and Economic Policy	30	15	15	0	0	0	4							exam	
4	International Relations	90	30	15	0	0	0	3	15	30	0	0	0	4	credit/ exam	
5	Theory of Organization and Management	30	15	15	0	0	0	3							exam	
6	Local Govemment and Policy	30	15	15	0	0	0	2							credit	
7	The Republic of Poland Political System	30							15	15	0	0	0	3	credit	
8	Parties and Party Systems	30							15	15				4	exam	
9	European Integration	30							15	15	0	0	0	2	credit	
10	Choice of Conversatoriums	15	0	15	0	0	0	1							credit	
11	Choice of Lectures	30	30	0	0	0	0	2							credit	
Total number of hours/ECTS:		680	135	180	0	0	0	30	45	120	0	200	0	17		
Subjects for speciality																
1	Conversatorium	15							0	15	0	0	0	1	credit	
2	Seminar	15							0	15	0	0	0	2	credit	
3	Retoric and Eristic of Public Services	15							0	15	0	0	0	1	credit	
4	Theory and Practice of Negotation	30							15	15	0	0	0	3	exam	
5	Social Communication	45							30	15	0	0	0	3	exam	
6	Choice of Lectures	30							30	0	0	0	0	2	credit	
7	Choice of Lecturec/ Workschops in Foreign Language	15							15	0	0	0	0	1	credit	
8	Work Experience	200										200			credit	
Total number of hours per semester(year)ECTS:		365	0	0	0	0	0	0	90	75	0	200	0	13		
Total number of hours/ECTS:			135	180	0	0	0	30	135	195	0	400	0	30		
Total number of hours per semester (year):		1045	315						730							
Number of examinations:		6	2						4							

Major: Political science

Specialization: Public services

Recruitment: 2007

Full time

Year III

No.	Name of subject	Number	Semester 5						ECTS	Semester 6						ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit			
Subjects of general education																	
1	Foreign Language	60	0	60	0	0	0	3								exam	
Basic subjects																	
1	Contemporary Political Thought	30							15	15	0	0	0	5		exam	
	Main subjects																
1	The Republic of Poland Political system	30	15	15	0	0	0	4								exam	
2	Political Marketing	30	15	15	0	0	0	2								credit	
Total number of hours/ECTS:		150	30	90	0	0	0	9	15	15	0	0	0	5			
Subjects for speciality																	
1	Conversatorium	30	0	15	0	0	0	2	0	15	0	0	0	2		credit	
2	Seminar	60	0	30	0	0	0	2	0	30	0	0	0	2		credit	
3	Public Finance	30	15	15	0	0	0	4								exam	
4	Civil Society	30	30	0	0	0	0	2								credit	
5	Sociotechnics in Public Services	15	0	15	0	0	0	1								credit	
6	Public Services System	30	15	15	0	0	0	4								exam	
7	PR in Public Services	30	30	0	0	0	0	2								credit	
8	Ethics in Public Administration	30							15	15	0	0	0	2		credit	
9	Clerical Etiquette	15							0	15	0	0	0	1		credit	
10	Human Resources Management	30							15	15	0	0	0	4		exam	
11	Choice of Lectures	60	30					2	30					2		credit	
12	Choice of Lectures/ Workshps in Foregin Language	60	30	0	0	0	0	2	30	0	0	0	0	2		credit	
13	Diploma Thesis													10		credit	
Total number of hours per semester(year)/ECTS:		420	150	90	0	0	0	21	90	90	0	0	0	25			
Total number of hours/ECTS:			180	180	0	0	0	30	105	105	0	0	0	30			
Total number of hours per semester (year):		570	360						210								
Number of examinations:		6	3						3								

Major: Political science

Specialization: Public services

Recruitment: 2007

Non-stationary

Year I

No.	Name of subject	Number	Semester 1						ECTS	Semester 2					ECTS	Form
		Of hours	lc	c	lb	p	s	lc		c	lb	p	s	Of credit		
Subjects of general education																
1	Logic	20	10	10	0	0	0	2								credit
2	Economy	20	10	10	0	0	0	4								exam
3	Information Technology	30							0	30	0	0	0	2		credit
4	Sociology	20							10	10	0	0	0	4		exam
5	Social Psychology	20							10	10	0	0	0	4		exam
6	Philosophy	20							10	10	0	0	0	4		exam
7	Intellectual Property Protection	10							10	0	0	0	0	1		credit
Basic subjects																
1	Science about State and Law	30	14	16	0	0	0	3								credit
2	Science about Politics	60	30	30	0	0	0	5								exam
3	History of Political Thought	30	14	16	0	0	0	4								exam
4	Political Systems	32							16	16	0	0	0	3		credit
5	Work Experience	120							0	0	0	120	0	2		credit
Main subjects																
1	Regional History	10	10	0	0	0	0	2								credit
2	Political Geography	20	10	10	0	0	0	2								credit
3	Statistics and Demography	24							12	12	0	0	0	2		credit
4	World History of The 20th Century	40	20	20	0	0	0	5								exam
5	History of Poland of The 20 th Century	40							20	20	0	0	0	5		exam
6	Choice of Conversatoriums	24	0	12	0	0	0	1	0	12	0	0	0	1		credit
7	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2		credit
Total number of hours:			78	82	0	0	0		56	76	0	120	0			
Total number of hours per semester(year)/ECTS:		412	160					30	252					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Political science

Specialization: Public services

Recruitment: 2007

Non-stationary

Year II

No.	Name of subject	Number Of hours	Semester 3					ECTS	Semester 4					ECTS	Form	
			lc	c	lb	p	s		lc	c	lb	p	s		Of credit	
Subjects of general education																
2	Foreign Language	80	0	40	0	0	0	1	0	40	0	0	0	1	credit	
Basic subjects																
3	Political Systems	32	16	16	0	0	0	6							exam	
4	Work Experience	120							0	0	0	120	0	2	credit	
Main subjects																
1	Religions of the World	20	10	10	0	0	0	2							credit	
2	Public Administration	32	20	12	0	0	0	5							exam	
3	Social and Economic Policy	24	12	12	0	0	0	4							exam	
4	International Relations	64	20	12	0	0	0	3	12	20	0	0	0	4	credit/ exam	
5	Theory of Organization and Management	24	12	12	0	0	0	4							exam	
6	Local Government and Policy	24	12	12	0	0	0	2							credit	
7	The Republic of Poland Political System	24							12	12	0	0	0	3	credit	
8	Parties and Party Systems	24							12	12				4	exam	
9	European Integration	24							12	12	0	0	0	3	credit	
10	Choice of Conversatoriums	12	0	12	0	0	0	1							credit	
11	Choice of Lectures	18	18	0	0	0	0	2							credit	
Total number of hours/ECTS:		468	102	126	0	0	0	30	36	84	0	120	0	17		
Subjects for speciality																
1	Conversatorium	12							0	12	0	0	0	1	credit	
2	Seminar	12							0	12	0	0	0	2	credit	
3	Retoric and Eristic of Public Services	12							0	12	0	0	0	1	credit	
4	Theory and Practice of Negotiation	24							12	12	0	0	0	3	exam	
5	Social Communication	30							18	12	0	0	0	3	exam	
6	Choice of Lectures	18							18	0	0	0	0	2	credit	
7	Choice of Lecturec/ Workshops in Foreign Language	12							12	0	0	0	0	1	credit	
Total number of hours per semester(year)/ECTS:		120	0	0	0	0	0	0	60	60	0	0	0	13		
Total number of hours/ECTS:			102	126	0	0	0	30	96	144	0	120	0	30		
Total number of hours per semester (year):		588	228						360							
Number of examinations:		6	2						4							

Major: Political science

Specialization: Public services

Recruitment: 2007

Non-stationary

Year III

No.	Name of subject	Number	Semester 5					ECTS	Semester 6					ECTS	Form
		Of hours	lc	c	lb	p	s		lc	c	lb	p	s		Of credit
Subjects of general education															
1	Foreign Language	40	0	40	0	0	0	3							exam
Basic subjects															
1	Contemporary Political Thought	30							14	16	0	0	0	5	exam
	Main subjects														
1	The Republic of Poland Political system	24	12	12	0	0	0	4							exam
2	Political Marketing	24	12	12	0	0	0	2							credit
Total number of hours/ECTS:		118	24	64	0	0	0	9	14	16	0	0	0	5	
Subjects for speciality															
1	Conversatorium	24	0	12	0	0	0	2	0	12	0	0	0	2	credit
2	Seminar	32	0	16	0	0	0	2	0	16	0	0	0	2	credit
3	Public Finance	24	12	12	0	0	0	4							exam
4	Civil Society	18	18	0	0	0	0	2							credit
5	Sociotechnics in Public Services	12	0	12	0	0	0	1							credit
6	Public Services System	24	12	12	0	0	0	4							exam
7	PR in Public Services	18	18	0	0	0	0	2							credit
8	Ethics in Public Administration	24							12	12	0	0	0	2	credit
9	Clerical Etiquette	12							0	12	0	0	0	1	credit
10	Human Resources Management	24							12	12	0	0	0	4	exam
11	Choice of Lectures	36	18	0	0	0	0	2	18	0	0	0	0	2	credit
12	Diploma Thesis													10	credit
13	Choice of Lecture/ Workshops in Foreign Language	24	12	0	0	0	0	2	12	0	0	0	0	2	credit
Total number of hours per semester(year)/ECTS:		272	78	64	0	0	0	21	54	64	0	0	0	25	
Total number of hours/ECTS:			102	128	0	0	0	30	68	80	0	0	0	30	
Total number of hours per semester (year):		390	230						148						
Number of examinations:		6	3						3						

ECTS points

2

1. Name of the subject:

Logic

2. Description of the course:

Logic as an independent philosophical science. An introduction to the theory of propositional calculus. Elements of the theory of sets and relationships. The traditional logic of names in contemporary terms. Definitions and defining. Elements of logical pragmatics. Basic terminology of the general methodology of sciences.

3. Status of the subject:

Credit

4. Basic assumptions and aims:

Familiarisation of students with notions and terminology of basic logical theories. Students' mastery of the elements of language logic (i.e. logical pragmatics) and the development of the skill of their practical application in speaking and writing.

5. Bibliography:

Teresa Hołówka, *Błędy spory, argumenty. Szkice z logiki stosowanej*, Wydawnictwo Wydziału Filozofii i Socjologii UW, Warszawa 1988.

Barbara Stanosz, *Wprowadzenie do logiki. Podręcznik dla humanistów*, WN PWN, 1985.

Krzysztof Szymanek, *Sztuka argumentacji. Słownik terminologiczny*, WN PWN, 2001.

Marek Tokarz, *Elementy pragmatyki logicznej*, PWN, 1993.

Zygmunt Ziembiński, *Logika praktyczna*, wyd. 20, WN PWN, 1997.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/10	1	1
Practical classes	30/10	1	1
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	60		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

4

1. Name of the subject:

Economics

2. Description of the course:

The origins, development and basic terminology of economics. The theory of the consumer. The theory of the producer. The model of ideal competition. Markets for the factors of production. Imperfections of the market. Decision-taking under the conditions of risk and insecurity. Measures of economic growth and welfare. The role of money in economy. The budget and fiscal policy. The economic policy of state. Unemployment and the labour market. Inflation. Problems of integration and globalisation.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

The presentation of the problems of contemporary economy – on micro and macroeconomic levels. The identification and understanding of the organising principles of economic entities. Acquiring understanding of the organising principles of state and state agencies in the contemporary world.

5. Bibliography:

A. Becla, S. Czaja i inni, Elementy makroekonomii, Wrocław 2002

Literatura uzupełniająca: S.Czaja, Historia gospodarki i gospodarowania, Wrocław 2002

S. Czaja, A.Becla, Ekologiczne podstawy procesów gospodarowania, Wrocław 2002

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/10	1	1
Practical classes	15/10	1	1
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	120		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

2

1. Name of the subject:

Information technology

2. Description of the course:

Basic terminology and definitions used in Information Technology. An introduction to computer use. The Internet. Word processors. Computer data analysis. Presentations in POWER POINT and FLASH. Basics of database design.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Familiarisation of students with the basics of Information Technology relating to latest software applications. Familiarisation of students with basic IT terminology and the development of practical skills of computer hardware use.

5. Bibliography:

R. Supranowicz, L. Łozowski, *Systemy operacyjne Windows oraz Microsoft Office 2000 w praktyce*, PWSZ im. Witelona w Legnicy 2005

A. Bąk (red.), *Wprowadzenie do informatyki dla ekonomistów*, Wyd. AE Wrocław 2000

Z. Dec; R. Konieczny, *ABC...komputera 2000*, EDITION 2000, Kraków, 2000

K. Kluczna, *ABC...Windows 2000*, EDITION 2000, Kraków, 2000

Z. Dec, *ABC... WORD-A 2000*, EDITION 2000, Kraków, 2000

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Management and Information Technology

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures			
Practical classes	30/30	2	1
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	60		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

4

1. Name of the subject:

General sociology

2. Description of the course:

The origins of sociology and the image of contemporary sociology. Conditioning of social life. Theories of social personality. Determinants of people's behaviour. The process of developing social bonds in communities. Societies and their structures. Sociotechnique as a practical application of sociology. Techniques and methods of social research.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with selected issues connected with different communities constituting societies. The presentation of a wide range of processes influencing the formation of communities, their functioning and development.

5. Bibliography:KOSIŃSKI S., *Socjologia. Zagadnienia podstawowe*. Warszawa: PWN 1987.POLAKOWSKA-KUJAWA J. (red.), *Socjologia ogólna. Wybrane problemy*. Warszawa: SGH 1999.SZTOMPKA P., *Socjologia. Analiza społeczeństwa*. Kraków: Znak 2002.TURNER J.H.: *Socjologia. Koncepcje i ich zastosowanie*. Poznań: Zyski i S-ka 1998**6. Status of the subject:**

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/10	2	1
Practical classes	15/10	2	1
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	120		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

4

1. Name of the subject:

Social psychology

2. Description of the course:

Major definitions. The scope and issues of social psychology. The concept of cognitive dissonance. The knowledge and formation of opinions about social interactions. Self-presentation: the creation of self-image in social situations. The rules of social influence. The psychology of groups. Selected aspects of environmental social psychology.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

The presentation of basic areas of occupation of social psychology, along with the relevant terminology and major theoretical concepts.

5. Bibliography:

Bańka, A. (2002) *Spółeczna psychologia środowiska*. Warszawa: Wydawnictwo Naukowe „Scholar”.

Wojciszke, B. (2002) *Człowiek wśród ludzi. Zarys psychologii społecznej*. Warszawa: Wydawnictwo Naukowe „Scholar”.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/10	2	1
Practical classes	15/10	2	1
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	120		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

4

1. Name of the subject:

Philosophy

2. Description of the course:

Introduction to philosophical thought. Late ancient philosophical schools. Philosophy of the Middle Ages. Polish philosophy during the Renaissance. Modern philosophy. Functions and the structure of philosophy. The Modern Era – Existentialism, Postmodernism. Contemporary philosophical trends. Personalism

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Introduction to philosophical thought throughout the ages.

5. Bibliography:TATARKIEWICZ W., *Historia filozofii*, I-III, (wyd. 15), Warszawa 1998.PETTIT P., *Przewodnik po współczesnej filozofii politycznej*, Warszawa 1998ŚNIEŻAWSKI S., *Dzieje europejskiej filozofii klasycznej*, Warszawa-Wrocław 2000REALE G., *Historia Filozofii Starożytnej*, I-III, Lublin, 1999.GRATELOUP L., *Wędrowki po filozofii*, Wrocław 1999.**6. Status of the subject:**

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/10	2	1
Practical classes	15/10	2	1
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	120		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

1

1. Name of the subject:

Intellectual property protection

2. Description of the course:

The position of legal regulations concerning intellectual property protection in the Polish legal system. Copyrights. Industrial property rights.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

The presentation of basic regulations and institutions of intellectual property rights (a branch of civil law). Familiarisation of students with the relevant basic terminology and definitions.

5. Bibliography:

J. Jezioro, Prawo własności intelektualnej (w:) Podstawy Prawa cywilnego pod red.: E. Gniewka, Warszawa 2005.

J. Barta, M. Czajkowska-Dąbrowska, Z. Cwiakalski, R. Markiewicz, E. Traple, Prawo autorskie i prawa pokrewne. Komentarz, Kraków 2005

J. Barta R. Markiewicz, Ustawa o ochronie baz danych. Komentarz, Warszawa 2002.

Prawo autorskie i prawa pokrewne. Zarys wykładu (red. M. Poźniak-Niedzielska), Bydgoszcz-Warszawa-Lublin 2007.

R. Gola, Dobra niematerialne. Kompendium prawne, Warszawa 2005

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Administration

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/10	2	1
Practical classes			
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	30		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

3

1. Name of the subject:

Study of law and the state

2. Description of the course:

The origins and nature of the state. The division of authority, types and functions of the state. Mechanisms of democracy. The decision-making process in the state. Executive and legislative power. The organizing principles of law and the mechanisms of law-making. An interpretation of legal regulations, the legal system and legal order. Law and order. Functions of law. The respect for and application of law.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Development of students' skills of the recognition of crucial relations between law, politics and the state.

5. Bibliography:

Jaworski Wł. L., O prawie, państwie i konstytucji. Warszawa 1996.

Sartori G., Teoria demokracji. Warszawa 1994, ss.58-78.

Winczorek P., Wstęp do nauki o państwie. Warszawa 1998.

Roskin M.G., Cord R.L., Medeiros J.A., Jonem W.S., Wprowadzenie do nauk politycznych, Warszawa 2001

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/14	1	1
Practical classes	15/16	1	1
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	90		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

5

1. Name of the subject:

Study of politics

2. Description of the course:

The notion of politics. Authority as a social phenomenon. The political system as an analytic category. Needs and interests as driving forces. Political conflicts. Political entities. Political parties and systems. A Social revolution. Types of political systems. Political etiquette.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with basic classifications of particular political categories and basic problems formulated by the theory. A presentation of the terminology applied in social sciences.

5. Bibliography:

A. Antoszewski, R. Herbut, *Leksykon politologii*, Wrocław 1999.

M. Chmaj, M. Żmigrodzki, *Wprowadzenie do teorii polityki*, Lublin 1996.

A. Jabłoński, L. Sobkowiak, *Studia z teorii polityki*, T.1 i 2, Wrocław 1998

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/30	1	1
Practical classes	30/30	1	1
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	150		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

4

1. Name of the subject:

History of political thought

2. Description of the course:

Political thought of ancient Greece as a source of political thought of European and Atlantic civilization. Imperialistic ideas of the Middle Ages. New trends in political thought in the period of Reformation. The evolution of English political thought. Polish political thought in XV, XVI and XVII centuries. German political thought and its influence on the European spiritual culture. Socialism i communism. Catholic thought about law and the state.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the main trends in human thought in relation to politics. A presentation of interconnections between different aspects of thought in the contemporary world.

5. Bibliography:

Seidler G.L., Przedmarksowska myśl polityczna

Tokarczyk R., Klasycy praw natury

Jarra E., Historia polskiej filozofii politycznej

Waldenberg M., Prekursorzy Nowej Lewicy

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/14	1	1
Practical classes	15/16	1	1
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	120		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

3

1. Name of the subject:

Political systems

2. Description of the course:

Democracy as a way of deciding about politics. Social and institutional conditions of democracy. Types of political conflicts. Political parties and systems. The concept of „the rule of parties”. Industrial tender. General election and electoral behaviours. Political regimes. Legislative and executive power.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the processes of the formation of political systems, from the institutional and functional point of view.

5. Bibliography:

Antoszewski, A., Herbut, R. (red), Demokracje zachodnioeuropejskie. Analiza porównawcza, Wyd. UWr 1997.

Antoszewski, A., Herbut, R. (red), Demokracje Europy Środkowo-Wschodniej w perspektywie porównawczej, Wyd. UWr 1997.

Gulczyński, M., Współczesne systemy polityczne, Zielona Góra 2000.

Steiner, J., Demokracje europejskie, Rzeszów 1993

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/16	2	1
Practical classes	15/16	2	1
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	90		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

2

1. Name of the subject:

Regional history

2. Description of the course:

Silesia during the pre-Piast period and under the rule of the Piast dynasty. Austrian and Prussian rule between 1648 and 1806. From the Napoleonic Era till the outbreak of World War I. The period between the wars and World War II (1918-1945). The establishment of the Oder-Neisse line as the Polish-German border in 1945. Lower and Upper Silesia during the post-war period.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the political, economic, social and national history of Silesia. A presentation of the cultural heritage of the region.

5. Bibliography:

Banasiak S., Działalność osadnicza Państwowego Urzędu Repatriacyjnego na ziemiach Odzyskanych w Latach 1945-1947, Poznań 1963.

Bronsztejn S., Z dziejów ludności żydowskiej na Dolnym Śląsku po II wojnie światowej, Wrocław 1993.

Dola K., Dzieje Kościoła na Śląsku, t. I Średniowiecze, Opole 1996

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/10	1	1
Practical classes			
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	60		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

2

1. Name of the subject:

Political geography

2. Description of the course:

Historical changes on the political map of the world and the contemporary political map of the world. Geopolitical space. Countries, their shapes, borders and capital cities. Geography of political orientations. Global ecopolitics. The political, economic and social openness of countries and their influence on the international standing of those countries.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Students' acquisition of basic knowledge of the processes of political and economic space formation in the world. Ecopolitics and globalisation processes.

5. Bibliography:

Józef Barba, Geografia polityczna ogólna, PWN, Warszawa, 1987

Stanisław Otok, Geografia Polityczna, PWN, Warszawa, 2002.

Jadwiga Bohdanowicz, Marek Dzięcielski, Zarys geografii historycznej i politycznej cywilizacji. Podstawy metodologiczne, Gdańsk 1994

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/10	1	1
Practical classes	15/10	1	1
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	60		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

2

1. Name of the subject:

Statistics and demography

2. Description of the course:

The issue of statistics, basic terminology. Methods of conducting statistical research. Basis of description and analysis of socio-economic phenomena. The issue of demography, basic terminology. Demography as a supporting branch used in political science. Demographic models and prognoses.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

The development of the skills of analysis of statistical research output. The presentation of possible applications of statistical methods in the analysis of socio-economic phenomena.

5. Bibliography:

Ostasiewicz S., Rusnak Z., Siedlecka U.: „Statystyka. Elementy teorii i zadania”. Wydawnictwo AE we Wrocławiu, Wrocław 2006.

Holzer J.: „Demografia”. PWE, 2003.

Panek T., Szulc A. (red.): „Statystyka społeczna. Wybrane zagadnienia”. SGH, Warszawa 2004.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Management and Information Technology

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	2	1
Practical classes	15/12	2	1
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	60		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

5

1. Name of the subject:

World history of the 20th century

2. Description of the course:

The international situation between 1919 and 1939. World War II. Visions of post-war international relations. First steps towards the European integration. Relations between the East and the West in a broader international context. The fall of communism in Europe. Historic events in Poland between 1989 and 1990. The establishment of independent countries in Eastern Europe.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

The development of the ability to 'think historically' – an analysis of facts, historic and contemporary processes, conclusion formulation.

5. Bibliography:

Bartlett Christopher, Konflikt globalny: międzynarodowa rywalizacja wielkich mocarstw w latach 1880-1990, Warszawa 1997.

Czubiński Antoni, Europa w XX w.: zarys historii politycznej, Poznań 1998.

Czubiński Antoni, Olszewski Wiesław, Historia powszechna 1939-1994, Poznań 1995.

Pankowicz Andrzej, Wojna i polityka: studia nad historią XX w., Kraków 1994.

Bullok Alan, Hitler i Stalin: żywoty równoległe, t. I i II, Warszawa 1994.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/20	1	1
Practical classes	30/20	1	1
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	150		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

5

1. Name of the subject:

Polish history of the 20th century

2. Description of the course:

The Polish issue in World War I. The creation of favourable conditions for Polish independence. The establishment of a parliamentary democracy. Poland during World War II. The fight for the political shape of Poland between 1944 and 1947. Poland during the Stalinist era. The political situation in Poland between 1956 and 1990. A transformation of the political system.

3. Conditions of course completion:

credit

4. Assumptions and aims:

A presentation of the crucial stages in Polish history of the 20th century, the shaping of an objective view on the Polish standing in the world as well as mutual relations between states and nations.

5. Bibliography:

Roszkowski W., Historia Polski 1914-1998, Warszawa 1999.

Czubiński A., Polska Ludowa 1944-1989, Poznań 1992.

Paczkowski A., Pół wieku dziejów Polski 1939-1989, Warszawa 1995.

Podhorodecki L., Historia najnowsza. Świat i Polska 1939- 1997/98, Warszawa 1999

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/20	2	1
Practical classes	30/20	2	1
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	150		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

2

1. Name of the subject:

Physical education

2. Description of the course:

Volleyball. Basketball. Handball. Football. Swimming. Aerobics. Weight training. Supplementary sports.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Stimulation of students' self-educational physical activity. Taking advantage of the pro-health impact of physical exercise on students' organisms.

5. Bibliography:

not specified

6. Status of the subject:

optional

7. Academic staff:

Faculty of Pedagogy, Tourism and Recreation

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures			
Practical classes	30/0, 30/0	3,4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	60		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

2

1. Name of the subject:

Foreign language (Russian, English, German, French)

2. Description of the course:

Social contacts. First encounters at work. Relations with business partners. Small talk at parties. Small talk about the theatre, films, interests, etc. Greetings on different occasions, public holidays, church holidays, professional achievements, success or promotion. Professional correspondence.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Comprehensive development of students' language skills.

5. Bibliography:

Applicable to each language

6. Status of the subject:

Compulsory

7. Academic staff:

Foreign Language Study Centre

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures			
Practical classes	30/30, 30/30	3,4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	60		

9. Type of evaluation:

exam

10. Language of instruction:

Foreign language (Russian, English, German, French)

ECTS points

6

1. Name of the subject:

Political systems

2. Description of the course:

Democracy as a way of deciding about politics. Social and institutional conditions of democracy. Types of political conflicts. Political parties and systems. The concept of „the rule of parties”. Industrial tender. Election and electoral behaviours. Political regimes. Legislative and executive power.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the processes of the formation of political systems, from the institutional and functional point of view.

5. Bibliography:

Antoszewski, A., Herbut, R. (red), Demokracje zachodnioeuropejskie. Analiza porównawcza, Wyd. UWr 1997.

Antoszewski, A., Herbut, R. (red), Demokracje Europy Środkowo-Wschodniej w perspektywie porównawczej, Wyd. UWr 1997.

Gulczyński, M., Współczesne systemy polityczne, Zielona Góra 2000.

Steiner, J., Demokracje europejskie, Rzeszów 1993

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/16	1	2
Practical classes	30/16	1	2
Laboratories			
Projects			
Seminars			
Conservatories			
Student's total cost of labour	180		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

2

1. Name of the subject:

Religions of the world

2. Description of the course:

Psychological and sociological concepts of religion. Judaism. Christianity. Islam. Buddhism. Hinduism. Mutual attitudes of particular religions. Issues of the institutionalisation and privatisation of religion.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

The acquisition of general knowledge of religions in the world. A presentation of a broad panorama of religious concepts.

5. Bibliography:

Eliade M. „Historia wierzeń i idei religijnych t. I – III” PAX, Warszawa 1988 – 1995.

Keller J. „Zarys dziejów religii” ISKRY, Warszawa 1988.

Waldenfels K. „Leksykon religii, zjawiska-dzieje-idee”, VERBINUM, Warszawa 1997.

Lanczkowski G. „Wprowadzenie do religioznawstwa”, VERBINUM, Warszawa 1986.

K. Bukowski G. „Religie świata a chrześcijaństwo” Poznań 1988.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/10	3	2
Practical classes	15/10	3	2
Laboratories			
Projects			
Seminars			
Conversations			
Student's total cost of labour	60		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

5

1. Name of the subject:

Public Administration

2. Description of the course:

Public Administration in a political system. Functions of public administration. Bureaucracy – bureaucratic management. Centralisation versus decentralisation. The territorial organisation of administration. Government and local government administration. The decision process in public administration. The European administrative space – processes of Europeisation and public administration.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Familiarisation of students with the theory and practice of the functioning of public administration in democratic countries.

5. Bibliography:

Błaś, A., Boć, Jeżewski, J., Administracja publiczna, Wrocław 2003

Dolnicki, B., Samorząd terytorialny, Zakamycze 2001

Ferens, A., Macek, I. (red), Administracja i polityka. Wprowadzenie, Wydawnictwo UWr., 1999

Ferens, A., Macek, I. (red), Administracja i polityka. Administracja publiczna w procesie przemian, Wyd. UWr 2002

Habuda, L. (red.), Administracja i polityka. Proces decyzyjny w administracji publicznej, Wyd. UWr, Wrocław 2000

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/20	3	2
Practical classes	15/12	3	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	150		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

4

1. Name of the subject:

Social and economic policy

2. Description of the course:

Social policy entities. Local and international entities. The state as a social policy entity. Local government as a social policy entity. Non-government organisations in the system of the social policy of highly developed countries.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

A presentation of international social policy. A discussion of the organisational model of Polish policy. The recognition of basic mechanisms and conditions of the contemporary EU economic and social policy.

5. Bibliography:

Auleytnier J., Instytucje polityki społecznej. Podmioty i fundusze, Warszawa 1996.

Golinowska S., „Nowa struktura instytucji sfery społecznej”, w: Nowa struktura instytucji sfery społecznej, red. S. Golinowska, Warszawa IPiSS 1994, „Studia i Materiały” z. 10(400).

Golinowska Stanisława, „Decentralizacja – inny wymiar polityki społecznej”, w: Dekada polskiej polityki społecznej. Od przełomu do końca wieku, IPiSS, Warszawa 2000.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	3	2
Practical classes	15/12		
Laboratories			
Projects			
Seminars			
Conversations			
Student's Total cost of labour	120		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

7

1. Name of the subject:

International relations

2. Description of the course:

An outline of international relations. Participants of international relations. Factors influencing international relations. Major problems facing the contemporary world. Groups of countries participating in international relations. Regions in international relationships. Foreign policy of People's Republic of Poland and III Republic of Poland.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

An outline of the development of this branch of interpersonal relations and the science researching this branch. A presentation of major participants, forms of international relations and norms governing those relations.

5. Bibliography:

Stosunki międzynarodowe, praca zbiorowa pod red. Włodzimierza Malendowskiego i Czesława Mojsiewicza, Wrocław 2000.

Stosunki międzynarodowe. Geneza, struktura, dynamika, pod red. Edwarda Halizaka i Romana Kuźniara, Warszawa 2000.

Współczesne stosunki międzynarodowe, pod red. Teresy Łoś-Nowak, Wrocław 1997.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/20, 15/12	3,4	2
Practical classes	15/12, 30/20	3,4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	210		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

3/4

1. Name of the subject:

Theory of organisation and management

2. Description of the course:

Management, its nature and importance. Management as a decision-making process. Organisation, its nature and components. Man in organisation as an acting entity and an object of influences. Classical and modern theories of management. The structural, subjective and interactive concept of organisation.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the subject of management in the form of an institution functioning in an environment, the subjective scope of management with regard to its most important functions and the acquisition of the language characteristic of this branch.

5. Bibliography:

Griffin R.W.: „Podstawy zarządzania organizacjami.“ Warszawa 1996.

Koźmiński A.K. Piotrowski W.: „Zarządzanie – teoria, praktyka.” Warszawa 1997.

Webber R.A.: „Zasady zarządzania organizacjami.” Warszawa 1990.

„Organizacja i zarządzanie. Podstawy wiedzy menedżerskiej.” Red. M. Przybyła, Wyd. AE Wrocław 2001.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Management and Information Technology

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	3	2
Practical classes	15/12	3	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	90/120		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

2

1. Name of the subject:

Local government and policy

2. Description of the course:

The historical aspect of policy connected with the organization of social and political communities. The system of local political power. Relations between local and state authorities. Decision-making processes in the structures of local authorities. The social protection of local communities. Competence of local authorities in EU member countries.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Familiarisation of students with the roots and conditions of the functioning of local authorities in Poland and the EU.

5. Bibliography:

Dobrowolski P., Między centralizmem a samorządnością, [w] Władza lokalna a problem rozwoju samorządu i decentralizacji w Polsce, pod red. P. Dobrowolskiego, Katowice 2000.

Piekasa A., Wartości podstawowe samorządu terytorialnego i demokracji lokalnej, Warszawa 1997.

Pietrzak B., Potrzeby wspólnot lokalnych w warunkach transformacji ustrojowej, [w] Władza lokalna a problem rozwoju samorządu i decentralizacji w Polsce, pod red. P. Dobrowolskiego, Katowice 2000.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	3	2
Practical classes	15/12	3	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	60		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

3

1. Name of the subject

Political system of the Republic of Poland

2. Description of the course:

Introduction to the issue. The evolution and characteristics of the political regime of the Republic of Poland. The system of political parties in the Republic of Poland and its evolution. The structure and functions of the parliament. Cabinet coalitions in Poland and the process of their formation. The competence and political role of the President in Poland. The transformation of local authorities in the political system of the Republic of Poland.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the current state of knowledge about the conditions, nature, structures and mechanisms of the functioning of the political system of the Republic of Poland.

5. Bibliography:

Antoszewski A. /red/, Demokratyzacja w III Rzeczypospolitej, Wrocław 2002.

Antoszewski A., Herbut R., Polityka w Polsce w latach 90. Wybrane problemy, Wrocław 1998.

Antoszewski A. i inni, Wybory do rad gmin na Dolnym Śląsku, Wrocław 2001.

Lisicka H./red/, System polityczny Rzeczypospolitej Polskiej, Wrocław 2001

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	4	2
Practical classes	15/12	4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	90		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

4

1. Name of the subject:

Political parties and party systems

2. Description of the course:

Models of political parties. Functions of political parties. Institutionalisation of political parties. The change of a political party. Types of political parties. The notion of the system of political parties. Models of the systems of political parties. Typologies of the systems of political parties.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the problems of political parties and systems. Familiarisation of students with the dynamics of the functioning of the systems of political parties and their role in the process of the 'democratic' stabilisation of political systems.

5. Bibliography:

Antoszewski, A., Herbut, R., Systemy polityczne współczesnego świata, Gdańsk: Arche, 2001.

Chmaj, M., Sokół, W., Żmigrodzki, M., Teoria partii politycznych, Lublin, 1997.

Herbut, R., Teoria i praktyka funkcjonowania partii politycznych, Wrocław, Wyd. UWr., 2002.

Jednaka, W. (red.), Wstęp do teorii partii i systemów partyjnych, Poznań-Wrocław, 2001.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	4	2
Practical classes	15/12	4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	120		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

2/3

1. Name of the subject:

European Integration

2. Description of the course:

Notion and essence of European integration. Formation and development of European Communities. Institutional principles of EU functioning. EU regional policy. Structural funds and Cohesion Fund. Poland in EU. Polish application for EU membership. Polish contribution to the process of European integration.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Presentation of the complexity of integration processes and their economic and political principles, with the stress on integration processes in Europe and the process of Polish integration with the EU.

5. Bibliography:

Integracja Europejska, red. A. Marszałek. Polskie Wydawnictwo Ekonomiczne, Warszawa 2004

Dynamika integracji europejskiej, K. Popowicz. Szkoła Główna Handlowa w Warszawie, Oficyna Wydawnicza, Warszawa 2004

Procesy integracyjne w Europie po II wojnie światowej, J. Marszałek-Kawa. Wydawnictwo Adam Marszałek, Toruń 2002

System instytucjonalny Unii Europejskiej, red. K.A. Wojtaszczyk. Oficyna Wyd. ASPRA-JR, Warszawa 2005

Unia Europejska, L. Ciamaga, E. Latoszek i inni. Wydawnictwo Naukowe PWN, Warszawa 1998

Fundusze strukturalne w polityce regionalnej, red. Stanisław Naruszewicz. Wydawnictwo Politechniki Białostockiej, Białystok 2005

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	4	2
Practical classes	15/12	4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	60/90		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

1

1. Name of the subject:

Theories of integration

2. Description of the course:

Theories and the development of European federalism. Concepts of the integration of the Continent in Ancient Times and the Middle Ages. Modern thinkers and politicians in confrontation with the problem of the integration of the Continent. Polish federalistic concepts. Post-war concepts of European integration. Policy of particular countries in relation to European integration.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

A presentation of the intellectual heritage relating to the issue of international integration. A presentation of the founding fathers of European integration.

5. Bibliography:

Chodorowski J., Richard Coudenhove-Kalergi i jego doktryna zjednoczenia Europy, „Przegląd Zachodni” 1984, nr 1; Europa i integracja europejska w polskiej myśli politycznej XX wieku, pod red. J. Juchnowskiego, J. Tomaszewskiego, Wrocław 2003.

Federalizm. Teorie i koncepcje, pod red. W. Bokajły, Wrocław 1998.

Gross F., Federacje i konfederacje europejskie. Rodowód i wizje, Warszawa 1994.

Marszałek A., Z historii europejskiej idei integracji międzynarodowej, Łódź 1996.

Juchnowski J., Kalicki W., Tomaszewski J., Polska myśl polityczna XX wieku. Wybór tekstów źródłowych z komentarzem, Legnica 2003.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	4	2
Practical classes			
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	30		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

3

1. Name of the subject:

Institutions and the decision-making process in the European Union

2. Description of the course:

EU institutions – definitions. Rules regulating the functioning of EU institutions. The typology and functions of EU institutions. Procedures of the decision-making process. Procedures of the creation and application of the European law.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with EU institutions and the procedures of the decision-making process in the European Union („the byzantine system of decision-making”).

5. Bibliography:

K. A. Wojtaszczyk, Integracja europejska. Wstęp, Studia europejskie, podręcznik akademicki, Warszawa 2006. K. Michałowska – Gorywoda, Podejmowanie decyzji w Unii Europejskiej, Warszawa 2002;

C. Ross, Ogólny przegląd instytucji Unii Europejskiej. Struktury i procedury, Warszawa 2000.

LITERATURA UZUPEŁNIAJĄCA: Z. M. Doliwa- Klepacki, Integracja europejska, Białystok 2005.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	4	2
Practical classes	15/12	4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	120		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

3/4

1. Name of the subject:

National and ethnic relations in Europe

2. Description of the course:

Diversity of the nations in contemporary Europe. The process of the creation of nations – definitions of basic terms. Nation versus fatherland. National identity versus state identity. The nature and importance of nationalism. Roots and typologies of nationalism. The phenomenon of migration. National and ethnic minorities. The nationalistic structure of contemporary Polish society.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the problems of linguistic, cultural and national diversity of the peoples of contemporary Europe.

5. Bibliography:

Maryański A., Narodowości świata, Warszawa 1998.

Kłoskowska A., Kultury narodowe u korzeni, Warszawa 1996.

Znaniecki F., Współczesne narody, Warszawa 1990.

Wojciechowski S., Nacjonalizm w Europie Środkowo-Wschodniej, Wrocław 2000.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/18	4	2
Practical classes	15/12	4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	90/120		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

3

1. Name of the subject:

Basics of social communication

2. Description of the course:

Classification of communication. Stages in the development of communication and the media. The development of means of communication. A selection of media doctrines. The ethical aspect of social communication. Contemporary Polish media system versus Polish media system under the communist regime. The development of local and sub-local media in Poland after 1989.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Underlining of the interdisciplinary character of the science of communication and the familiarisation of students with basic forms, levels and types of circulation typical of the communication process as a social phenomenon.

5. Bibliography:

Antoszewski A., Herbut R., Leksykon politologii, Wrocław 2000

Aronson E., Wilson T.D., Akert R.M., Psychologia społeczna, Warszawa 1997 (*zwłaszcza rozdz. 8. Postawy i zmiana postaw*)

Barber B.R., Dżihad kontra Mc Świat, Warszawa 1997

Dyoniziak R., Sondaże a manipulowanie społeczeństwem, Universitas Kraków 1997

Dobek-Ostrowska B., Fras J., Ociepka B., Teoria i praktyka propagandy, Wrocław 1997

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	4	2
Practical classes	15/12	4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	90		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

3

1. Name of the subject:

Introduction to public relations

2. Description of the course:

Public relations – their nature and functions. The organizing principles of public relations' activities. The shaping of relations with the mass media. Managing PR crisis situations. Public relations of non-profit organizations. The shaping of people's public image.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

A presentation of the role and importance of public relations for the activities of institutions, rules of public relations' organisation, and the development and improvement of one's skills of effective communication with the social environment.

5. Bibliography:

Black S., Public relations, Dom Wydawniczy ABC, Warszawa 1998.

Cianciara J., Uścińska B., Komunikacja społeczna. Komunikowanie się z mediami w praktyce, Wydawnictwo Astrum, Wrocław 1999.

Murdoch A., Język public relations, Poltext, Warszawa 1998.

Ociepka B. (red.), Public relations w teorii i praktyce, Wydawnictwo Uniwersytetu Wrocławskiego., Wrocław 2003.

Wójcik K., Public relations od A do Z, Agencja Wydawnicza Placet, Warszawa 2001.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	4	2
Practical classes	15/12	4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	90		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

1

1. Name of the subject:

Rhetoric and eristic of public services

2. Description of the course:

The definition of rhetoric and eristic. Basic terminology. An analysis of argumentation techniques in selected public discussions in the media. „Editing workshops” – rules for text composition. Rhetoric in political discourse. Forms of eristic speech. Contributing to a discussion. Listening techniques.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

The development of students' skills of practical application of argumentation techniques, familiarisation of students with the composition of communicative, persuasive and well-organised texts.

5. Bibliography:

P. Andrzejewski (red.), *Sztuka wystąpień publicznych i profesjonalnej korespondencji*, Poznań 2002.

E. Bańkowska, A. Mikołajczuk, *Praktyczna stylistyka nie tylko dla polonistów*, Warszawa 2003.

J. Bartmiński (red.), *Encyklopedia kultury polskiej XX wieku. Współczesny język polski*, Wrocław 1993.

J. Bralczyk, *Język na sprzedaż*, Warszawa 1996.

K. Obremski, *Retoryka dla studentów historii, politologii i dziennikarstwa*, Toruń 2004.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures			
Practical classes	15/12	4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	30		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

3

1. Name of the subject:

Theory and practice of negotiation

2. Description of the course:

Negotiations as a form of interpersonal communication. Basic terminology and sub-processes of the negotiation process aimed at cooperation. The strategy and tactics of negotiations. The most popular negotiation techniques applied in partnership negotiations. Functions of the final agreement.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with peculiarities of social conflicts and typical ways of their resolution. A practical illustration of basic negotiation strategies and techniques applied in negotiations based on cooperation.

5. Bibliography:Chelpa S., Witkowski T., *Psychologia konfliktów*. Warszawa 1999.Folta M., *Negocjowanie i mediacja w życiu*. Wrocław 2003.Mastenbroek W., *Negocjowanie*. Warszawa 1996.Nierenberg G.I., *Sztuka negocjacji jako metoda osiągania celu*. Warszawa 1994**6. Status of the subject:**

Compulsory

7. Academic staff:

Faculty of Pedagogy, Tourism and Recreation

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	4	2
Practical classes	15/12	4	2
Laboratories			
Projects			
Seminars			
Conversations			
Student's total cost of labour	90		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

3

1. Name of the subject:

Social communication

2. Description of the course:

Classification of communication. Models of the communication process. Intrapersonal and interpersonal communication. Decision-taking versus communication in an organisation/a company. Stages of the development of communication and the media. The ethical aspect of social communication. Contemporary Polish media system.

3. Conditions of subject completion:

Credit

4. Assumptions and aims:

Familiarisation of students with actual mechanisms of communication processes, their cultural context and applicability to management.

5. Bibliography:

Dobek-Ostrowska B., Fras J., Ociepka B., Teoria i praktyka propagandy, Wrocław 1999.

Dobek-Ostrowska B., Podstawy komunikowania społecznego, Wrocław 1999.

Kunczik M., Zipfel A., Wprowadzenie do nauki o dziennikarstwie i komunikowaniu, Warszawa 2000.

Mrozowski M., Media masowe. Władza, rozrywka i biznes, Warszawa 2000.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/18	4	2
Practical classes	15/12	4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	90		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

5

1. Name of the subject:

Contemporary political thought

2. Description of the course:

Anarchism – the criticism of the state and its institutions. Communism. Socialism and socio-democratic thought. The New Left Wing and alternative movements. Liberalism. Catholic social thought and the ideological assumptions of Christian Democrats. Conservatism and the New Right Wing. Fascism. Racism. Nationalism. Futurologic thought and technocratism. Ideological, political and economic issues of globalism.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with major aspects of the functioning of the state, society, culture and education. A presentation of relations between: the economic system – the political system – a social group – an individual.

5. Bibliography:

Arendt H., *Korzenie totalitaryzmu*. Warszawa 1995.

Legutko R., *Spory o kapitalizm*. Kraków 1994.

Markiewicz B. (red.), *Konserwatyzm. Projekt teoretyczny*, Warszawa 1995.

Tokarczyk R., *Współczesne doktryny polityczne*. Zakamycze 1998.

Walicki A., *Marksizm i skok do królestwa wolności. Dzieje komunistycznej utopii*. Warszawa 1996.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/14	6	3
Practical classes	15/16	6	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	150		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

4/5

1. Name of the subject

Political system of the Republic of Poland

2. Description of the course:

Introduction to the issue. The evolution and characteristics of the political regime of the Republic of Poland. The system of political parties in the Republic of Poland and its evolution. The structure and functions of the parliament. Cabinet coalitions in Poland and the process of their formation. The competence and political role of the President in Poland. The transformation of local authorities in the political system of the Republic of Poland.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the current state of knowledge about the conditions, nature, structures and mechanisms of the functioning of the political system of the Republic of Poland.

5. Bibliography:

Antoszewski A. /red/, Demokratyzacja w III Rzeczypospolitej, Wrocław 2002.

Antoszewski A., Herbut R., Polityka w Polsce w latach 90. Wybrane problemy, Wrocław 1998.

Antoszewski A. i inni, Wybory do rad gmin na Dolnym Śląsku, Wrocław 2001.

Lisicka H./red/, System polityczny Rzeczypospolitej Polskiej, Wrocław 2001

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	5	3
Practical classes	15/12	5	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	120/150		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

2

1. Name of the subject:

European regional policy

2. Description of the course:

Concepts of European regional policy. The organisation of European regional policy. Financing principles. The role of regions in Europe. Regions versus countries' sovereignty. Trans-boarder cooperation. Institutions and trans-regional agreements.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with specific aspects of European regional policy. The acquisition of knowledge concerning the functioning of regions in Europe.

5. Bibliography:

Pietrzyk I., Polityka regionalna Unii Europejskiej i regiony w państwach członkowskich, Warszawa 2006,

Gorzelak G., Transformacja systemowa Charakter restrukturyzacja regionalna, Warszawa 1995,

Szlachta J., Programowanie rozwoju regionalnego w Unii Europejskiej, Warszawa 1997,

Malendowski W., Ratajczak M., Euroregiony. Pierwszy krok do integracji europejskiej.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	5	3
Practical classes	15/12	5	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	60		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

4/5

1. Name of the subject:

Local government in Europe

2. Description of the course:

Social and political aspects of the systems of local authorities and local governments. Models of local authorities and local governments in contemporary Europe. The structure and mechanisms of the functioning of local governments in Europe.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Familiarisation of students with the current state of knowledge concerning the nature, structures and organising principles of local authorities and local governments in Europe and the development of individual competence connected with professional activity in administration.

5. Bibliography:

Chorąży K., Zagadnienia ustroju lokalnego Francji, Lublin 1998, Wydawnictwo „Verba”.

Ferens A., Władza lokalna w Europie (wybrane aspekty struktur, funkcji i procesów), Polityka i administracja. Europejska administracja publiczna, pod red. R. Wiszniowskiego Wrocław 2005;

Gmina w wybranych państwach Europy Zachodniej, pod. red. J.Jeżewskiego, Wrocław 1995.

Grosse T., Polityka regionalna Unii Europejskiej i jej wpływ na rozwój gospodarczy, Warszawa 2000;

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	5	3
Practical classes	15/12	5	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	120/150		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

3/4

1. Name of the subject:

National and ethnic relations in Europe

2. Description of the course:

Diversity of the nations in contemporary Europe. The process of the creation of nations – definitions of basic terms. Nation versus fatherland. National identity versus state identity. The nature and importance of nationalism. Roots and typologies of nationalism. The phenomenon of migration. National and ethnic minorities. The nationalistic structure of contemporary Polish society.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the problems of linguistic, cultural and national diversity of the peoples of contemporary Europe.

5. Bibliography:

Maryański A., Narodowości świata, Warszawa 1998.

Kłoskowska A., Kultury narodowe u korzeni, Warszawa 1996.

Znaniecki F., Współczesne narody, Warszawa 1990.

Wojciechowski S., Nacjonalizm w Europie Środkowo-Wschodniej, Wrocław 2000.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/18	4	2
Practical classes	15/12	4	2
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	90/120		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

1

1. Name of the subject:

Theories of integration

2. Description of the course:

Theories and the development of European federalism. Concepts of the integration of the Continent in Ancient Times and the Middle Ages. Modern thinkers and politicians in confrontation with the problem of the integration of the Continent. Polish federalistic concepts. Post-war concepts of European integration. Policy of particular countries in relation to European integration.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

A presentation of the intellectual heritage relating to the issue of international integration. A presentation of the founding fathers of European integration.

5. Bibliography:

Chodorowski J., Richard Coudenhove-Kalergi i jego doktryna zjednoczenia Europy, „Przegląd Zachodni” 1984, nr 1; Europa i integracja europejska w polskiej myśli politycznej XX wieku, pod red. J. Juchnowskiego, J. Tomaszewskiego, Wrocław 2003.

Federalizm. Teorie i koncepcje, pod red. W. Bokajły, Wrocław 1998.

Gross F., Federacje i konfederacje europejskie. Rodowód i wizje, Warszawa 1994.

Marszałek A., Z historii europejskiej idei integracji międzynarodowej, Łódź 1996.

Juchnowski J., Kalicki W., Tomaszewski J., Polska myśl polityczna XX wieku. Wybór tekstów źródłowych z komentarzem, Legnica 2003.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	4	2
Practical classes			
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	30		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

4

1. Name of the subject:

Diploma paper seminar

2. Description of the course:

Justification of the choices of topics. Review of applicable literature. The problematic scope of diploma papers. Aims and assumptions of the papers. Footnotes. The evaluation of the methodology applied. The correction of the scope and structure of diploma papers.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Familiarisation of students with the process and methodology of diploma paper writing.

5. Bibliography:

Pułło A., Prace magisterskie i licencjackie. Wskazówki dla studentów, PWN Warszawa 2001.

Pioterek P., Zieleniecka B., Technika pisania prac dyplomowych, Poznań 1997.

Urban S., Ładoński W., Jak napisać dobrze pracę magisterską, Wrocław 1997.

Zaczyński W., Poradnik autora prac seminaryjnych dyplomowych i magisterskich, Warszawa 1995.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures			
Practical classes	60	5,6	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	120		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

Punkty ECTS

4

1. Name of the subject:

European integration in a foreign language (Russian, German, English, French)

2. Description of the course:

EU institutions. The political cooperation of EU member countries. The theory of free trade and customs union. Common foreign policy. Common regional policy. The economic and monetary system of the EU. Polish integration with the EU. The European Union in the face of global issues.

3. Conditions of course completion:

not specified

4. Aims and assumptions:

A presentation of issues connected with European integration.. An analysis of the political and economic system of the European Union. The Polish standing in the structures of united Europe. Vocabulary extension relating to the topic of European integration.

5. Bibliography:

Applicable to each language

6. Status of the subject:

elective

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	30/0, 30/0	5, 6	3
Practical classes			
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	120		

9. Type of evaluation:

credit

10. Language of instruction:

Foreign language (Russian, German, English, French)

ECTS points

2

1. Name of the subject:

Ethic in public administration

2. Description of the course:

Basic ethical issues. The moral character of social life. Law versus ethics. The issue of social justice. The nature of public administration. Public administration entities. Authority in administration.. The authority of power; The authority of law; The authority of conscience. The pathology of administrative activities. The ethics of criminal associations.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the ethical basis of administration.

5. Bibliography:

Godność człowieka a prawa ekonomiczne i socjalne. Warszawa 2003;

Krapiec M., O ludzką politykę. Lublin 1998;

Leoński Z., Nauka administracji. Warszawa 1999;

Majka J., Etyka społeczna i polityczna. Warszawa 1993;

Świątkiewicz J., Europejski Kodeks Dobrej Administracji. Warszawa 2003;

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	6	3
Practical classes	15/12	6	3
Laboratories			
Projects			
Seminars			
Conversations			
Student's total cost of labour	60		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

1

1. Name of the subject:

Clerical etiquette

2. Description of the course:

Ethic and etiquette. The golden rules of good manners. The IMPACT formula. The etiquette of personal meetings. Understanding body language, physical conditioning and cultural implications. Contacts with foreign business partners. Etiquette of professional conduct and negotiations. Diplomacy – rules, practice and functions of diplomacy.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

A reflection of the timeless continuity of the basic rules and modes of behaviour, the accompanying dynamism of change and the contemporary evolution of professional etiquette, along with the basics and customs.

5. Bibliography:

Brdulak H., Brdulak J. – „Negocjacje handlowe”, Polskie Wydawnictwo Ekonomiczne, Warszawa 2000.

Gillen T. – „Jak asertywnie wpływać na ludzi”, Wydawnictwo PETIT, Warszawa 2002.

Kietliński K., Rayes V.M., Aleksyn T. - „Etyka w biznesie i zarządzaniu”, Oficyna Ekonomiczna, Kraków 2005.

Pietkiewicz E. – „Protokół dyplomatyczny”, Ministerstwo Spraw Zagranicznych, Warszawa 1998.

Robinson D. - „Etykieta w biznesie”, Wydawnictwa Szkolne i Pedagogiczne, Warszawa 1996.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures			
Practical classes	15/12	6	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	30		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

4/5

1. Name of the subject:

Public finance

2. Description of the course:

The scope of public finance. State budget, the budget of the local government. Organisational units of the public sector budget. Public debt. The discipline of public finance. The budget law of local governments. The income of local-government units. The debt of local-government units.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the theoretical aspects of the state and local-government public finance.

5. Bibliography:

E. Ruśkowski „Finanse publiczne i Polskie prawo finansowe”,

R. Mastalski „Prawo podatkowe”.

K. Sawicka, E. Glumińska „Budżet jednostki samorządu terytorialnego”

C. Kosikowski „Ustawa o gospodarce komunalnej”.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Management and Information Technology

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	5	3
Practical classes	15/12	5	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	120/150		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

1

1. Name of the subject:

Sociotechnics in public services

2. Description of the course:

Basic terminology and problems of sociotechnique. Exerting an influence by groups. The mass media and advertising as examples of the application of sociotechnical knowledge. Sociotechnique versus contemporary problems. Self-presentation: forms, styles, interepersonal effectiveness. Sociotechnique versus the question of values.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Familiarisation of students with basic terminology and problems of sociotechnique and the development of the skill of practical application of sociotechnical knowledge.

5. Bibliography:

Aronson E., Wilson T.D., Akert R.M., 1997, *Psychologia społeczna. Serce i Umysł*, Poznań.

Barański J., 2001, *Socjotechnika, między magią a analogią*, Kraków.

Cialdini R., 1996, *Wywieranie wpływu na ludzi. Teoria i praktyka*, Gdańsk

Karwat M., 1999, *Sztuka manipulacji politycznej*, Toruń.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures			
Practical classes	15/12	5	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	30		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

4

1. Name of the subject:

System of public services

2. Description of the course:

Introduction to the system of public services. Public service versus civil service. The political conditioning of the sector of public services. The processes of transformation of public services in the contemporary world. Pathologies of public services and the ways of their reduction. Public services in Poland. Civil services in Poland.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the current state of knowledge about the conditions, nature and mechanisms of the functioning of public services.

5. Bibliography:

Administracja i polityka. Administracja w procesie przemian, pod red. A. Ferensa, I. Macek, Wrocław 2002,
 Administracja publiczna, pod red. J. Bocia, Wrocław 2002, Peters G.,
 Administracja publiczna w systemie politycznym, Warszawa 1999,
 Armstrong M., Zarządzanie zasobami ludzkimi, Kraków 2000.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	5	3
Practical classes	15/12	5	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	120		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

4

1. Name of the subject:

Human resources management in the public sector

2. Description of the course:

The characterisation of the public sector and peculiarities of human resources management. Contemporary determinants of human resources management in the public sector. Estimating the vacancies and the recruitment of staff. Staff training and development. Staff motivation. Staff assessment. Work time, its management and importance for human resources management.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the issue of human resources management, currently one of the most important branches

of management, and the presentation of methods and techniques applied in this field.

5. Bibliography:

Armstrong M.: *Zarządzanie zasobami ludzkimi*. Oficyna Ekonomiczna Dom Wydawniczy ABC, Kraków 2000.

Pocztowski A.: *Zarządzanie zasobami ludzkimi-strategie, procesy, metody*. PWE, Warszawa 2003.

Pocztowski A. *Zarządzanie zasobami ludzkimi*, PWE, Warszawa 2003.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Management and Information Technology

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	6	3
Practical classes	15/12	6	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	120		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

4/5

1. Name of the subject:

Economic policy in EU

2. Description of the course:

Future of European economic and social policy. EU competence within the job market policy. EU job market vs economic development.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

The didactic aim of the course is to present the evolution of economic problems in EU. Familiarisation with the links between enhanced economic growth and the scope of social benefits.

5. Bibliography:**Niklas Luhman**, Teoria polityczna państwa bezpieczeństwa socjalnego, PWN, Warszawa 1994;**Ralf Dahrendorf**, Nowoczesny konflikt społeczny. Esej o polityce wolności, Warszawa 1993;**Uwarunkowania współczesnej** polityki społecznej. Pod red. B. Ponikowskiego i J. Zarzecznego, Wyd. UW, Wrocław 2002;**Wybrane problemy** społeczne i ekonomiczne rozwoju Polski na przełomie XX i XXI wieku. Pod red. J. Zarzecznego, Stowarzyszenie „Wspólnota Akademicka”, Legnica 2004;**Auleytner J., Głabicka K.**, Polityka społeczna pomiędzy opiekuńczością a pomocniczością. WSP TWP w Warszawie, Warszawa 2000;**Polska a Europa. Procesy demograficzne u progu XXI wieku.** Proces starzenia się ludności Polski i jego społeczne konsekwencje. Praca zbiorowa pod red. L. Frąckiewicz. Polskie Towarzystwo Polityki Społecznej. 10 lat Śląsk, Katowice 2002;**Konstytucja dla rozszerzającej się Europy.** Pod red. E. Popławska, Instytut Spraw Publicznych, Warszawa 2001;**Rynek pracy w wybranych krajach. Metody przeciwdziałania bezrobociu.** Pod red. E. Kryńskiej, Instytut Pracy i Spraw Socjalnych, Warszawa 1999;**Integracja europejska. Implikacje dla Polski.** Pod red. J. Czaputowicza, Wyd. WAM, Kraków 1999;**6. Status of the subject:**

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	5	3
Practical classes	15/12	5	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	120/150		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

1

1. Name of the subject:

Foreign and Security Policy of The EU

2. Description of the course:**3. Conditions of course completion:**

not specified

4. Assumptions and aims:**5. Bibliography:****6. Status of the subject:**

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	5	3
Practical classes			
Laboratories			
Projects			
Seminars			
Conversatories			
Student's Total cost of labour	30		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

4

1. Name of the subject:

Social Policy of The EU

2. Description of the course:

The job market and unemployment prevention; migration: legal aspects and implications for social policy; education and the question of professional improvement in the face of new civilization challenges; social policy towards the elderly; demographic swings and the process of ageing in EU societies; sexual equality in legal regulations and in political practice; The European Social Fund – its functioning and efficiency.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Presentation of political, social and economic trends shaping the new face of Europe at the turn of 20th century.

Familiarisation of students with inclinations affecting the transformation of the welfare state model.

Familiarisation of students with the relationship between the sustainable economic growth and the scope of social benefits.

5. Bibliography:

Głębicka K., Polityka społeczna UE. WSP TWP, Warszawa 2002;

Polityka Nowej Europy. Od Atlantyku do Uralu, KiW, Warszawa 1999;

Uwarunkowania współczesnej polityki społecznej. Pod red. B. Ponikowskiego i J. Zarzecznego. Wyd. UW, Wrocław 2002;

Wybrane problemy społeczne i ekonomiczne rozwoju Polski na przełomie XXI i XX wieku. pod red. J. Zarzecznego, Stowarzyszenie „Wspólnota Akademicka”, Legnica 2004;

System zabezpieczenia społecznego po przystąpieniu Polski do UE. Pod red. K. Głębickiej i M. Pierzchalskiej. PTPS, PSUS, Pionki-Radom 2003;

Niklas Luhman. Teoria polityczna państwa bezpieczeństwa socjalnego, PWN, Warszawa 1994;

Rynek pracy w wybranych krajach. Metody przeciwdziałania bezrobociu. Pod red. E. Kryńskiej, Instytut Pracy i Spraw Socjalnych, Warszawa 1999;

Jantoń-Drozdowska E., Regionalna integracja gospodarcza, PWN, Warszawa-Poznań 1998; Integracja Europejska. Podręcznik akademicki, pod. red. A. Marszałka, PWE, Warszawa 2004;

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	6	3
Practical classes	15/12	6	3
Laboratories			
Projects			
Seminars			
Conversations			
Student's Total cost of labour	120		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

1

1. Name of the subject:

Projects Management in EU standards

2. Description of the course:**3. Conditions of course completion:**

not specified

4. Assumptions and aims:**5. Bibliography:****6. Status of the subject:**

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures			
Practical classes	15/12	6	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's Total cost of labour	30		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

2

1. Name of the subject:

Small and Medium Enterprise in The EU

2. Description of the course:

Small and medium enterprises in global environment. The European Charter of Small and Medium Enterprise. The social and economic importance of Small and Medium Enterprises in the EU. The influence of Small and Medium Enterprises on the labour market. Areas of the support of activities conducted by Small and Medium Enterprises. Organising principles of local governments in Poland and other EU member states.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Familiarisation of students with the principles of opening and functioning of small and medium enterprises in Poland and other EU member states and the acquisition of basic skills in the field of gaining financial means supporting the development of Small and Medium Enterprises.

5. Bibliography:

B. Piasecki i inni (red.) Warunki prowadzenia działalności gospodarczej przez MSP w Polsce i krajach UE. Warszawa 1998.

B. Klimczak, samorząd gospodarczy i zawodowy w procesie powstawania ładu rynkowego w Polsce. Wyd. AE Wrocław 2001.

A. Włodnyak, Małe i średnie firmy w UE, krajach EFTA i państwach kandydujących do UE. Wspólnoty Europejskie, Nr 9/2002.

O. Lissowski, Instrumenty finansowe wspierania MSP w UE i Polsce. Poznań 1998.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Management and Information Technology

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	6	3
Practical classes	15/12	6	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	60		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

3

1. Name of the subject:

Public Image Creation

2. Description of the course:

Public and non-government organisations as subjects of public relations activities.

The position of PR in the priorities and structures of public institutions.

The essence and role of PR in the system of communication between an institution and its surrounding.

The system of internal communication in public institution units.

The application of the Internet as a means of communication with public institutions.

PR tools and selected areas of their application in public institutions using selected examples of an institution of higher education, non-government organization, commune and municipal police.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the principles and strategies of internal and external links between institutions and different social groups, especially with the use of up-to-date technology and the mass media.

5. Bibliography:*Public relations : znaczenie społeczne i kierunki rozwoju*, red. nauk. Jerzy Olędzki, Dariusz Tworzydło. Wydawnictwo Naukowe PWN, Warszawa 2006*Public relations instytucji użyteczności publicznej*, red. Ewa Hope. Wydawnictwo Scientific Publishing Group, Gdańsk 2005*Samorządowe public relations*, Jarosław Flis. Wydawnictwo Uniwersytetu Jagiellońskiego, - Kraków 2007*Władza lokalna a media : zarządzanie informacją, public relations, promocja jednostek samorządu terytorialnego*, red. Stanisław Michałowski, Włodzimierz Mich. Wydawnictwo Uniwersytetu Marii Curie-Skłodowskiej, Lublin 2006*Internet w instytucjach publicznych. Zagadnienia prawne*, Marcin Butkiewicz. Wydawnictwo Difin, Warszawa 2006*Komunikowanie się w organizacji*, Janina Stankiewicz. Wydawnictwo ASTRUM, Wrocław 1999**6. Status of the subject:**

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	5	3
Practical classes	15/12	5	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	90		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

4/5

1. Name of the subject:

Press and Copyright Law

2. Description of the course:

Notion and position of Polish press and copyright law in the legal system. Freedom of the press. The notion of press and basic tasks and rules of press law in a democratic state. Rights and obligations of journalists. Journalist secrecy. The notion of piece of art and its types. Subjects of copyright law. General rules for copyright inheritance.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Presentation of basic regulations and institutions relating to press and copyright law. Familiarisation of students with basic notions and terminology relating to press and copyright law.

5. Bibliography:

I. Dobosz, Prawo prasowe. Podręcznik, Warszawa 2006,

J. Jezioro, Prawo własności intelektualnej (w:) Podstawy Prawa cywilnego pod red.: E. Gniewka, Warszawa 2005.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	5	3
Practical classes	15/12	5	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	120/150		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

1

1. Name of the subject:

Public Opinion

2. Description of the course:

First public opinion research. The development of research techniques (historical aspect). The development of research into public opinion in the United States. Public opinion polling in Europe. Public opinion research in non-democratic systems. Public opinion research in Poland. The Center for Public Opinion Research (OBOP) and The Center for Social Opinion Research (CBOS). The development of polling institutions after the year 1989. Factors conditioning the presence of public opinion in democracies. Propaganda, ideology, politics and publicity. Propaganda vs public opinion. Manipulation in democracies and autocracies.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the phenomena of public opinion. The presentation of major trends in relevant academic discourse. The familiarisation of students with problems related to public opinion research.

5. Bibliography:

A Jabłoński (2002) *Opinia publiczna* [w] *Wprowadzenie do nauki o państwie i polityce* pod red. Bogumiła Szmulika i Marka Żmigrodzkiego. Wyd. UMCS Lublin

Elisabeth Noelle (1976) *Reprezentatywne badania ankietowe. Wprowadzenie do metodologii*. Warszawa OBOP

Michel G. Roskin, Robert L. Cord, James A. Medeiros, Walter S. Jones *Wprowadzenie do nauk politycznych*. Wyd. zysk i S-ka 2001 Poznań

A. Sułek (2001) *Sondaż Polski* wyd. IF i S PAN Warszawa ss.

Eugeniusz Młyniec (2002) *Opinia publiczna (wstęp do teorii)*. Poznań-Wrocław wyd. Forum Naukowe

Maciej Mrozowski (2001) *Media masowe. Władza rozrywka i biznes*. Oficyna wydawnicza ASPRA-JR. Warszawa ss.87-96

Tomasz Goban-Klas. (2004), *Media i komunikowanie masowe*. Warszawa Wyd. Naukowe PWN

Stanisław Michalczyk (2005) *Komunikowanie polityczne. Teoretyczne aspekty procesu*. Katowice. Wyd. Śląsk

Czesław Mojsiewicz (1999) *Rola opinii publicznej w polityce*. Poznań-Wrocław, wyd. Forum naukowe,

Mirosław Karwat (1999), *Sztuka manipulacji politycznej*. Toruń

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures		5	3
Practical classes	15/12		
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	30		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

2

1. Name of the subject:

Spokespersonship

2. Description of the course:

Public relations strategy in companies – position and importance of a spokesperson in a company. A spokesperson or public relations specialist? Predispositions to spokespersonship. Radio and tv recording. Companies socially responsible. Crisis situations: ways of coping with a crisis.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with the peculiarities of a spokesperson's or public relations specialist's job.

5. Bibliography:

Rozwadowska B., „Public Relations Teoria praktyka perspektywy”.

Wojcik K., „Public Relations od A do Z”

Goban-Klas T., Kadragic A., Czarnowski P., „Public Relations czyli promocja reputacji”

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures			
Practical classes	30/18	6	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	60		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

3

1. Name of the subject:

Promotion and Advertisement

2. Description of the course:

Public relations vs advertising; the essence of advertising – definitions, kinds and aims; the rules of advertising; research into advertising; principles for the choice of advertising media; the position of social spots within the public space; social spots vs commercial spots; promotion, advertising and public relations in political marketing manuals; the image of a candidate in political marketing manuals; research into political TV spots; political campaign slogans

3. Conditions of course completion:

Credit

4. Assumptions and aims:

The aim of the course is to familiarise the students with the theoretical basics and practical principles of advertising and promotion. They will be presented the major techniques and methods of advertising and promotion, both commercial and political, using selected campaigns.

5. Bibliography:

Barczak, A.S., Pitrus, A. (red.), *Ze świata reklamy*, Wydawnictwo UJ, Kraków 1999 (rozdz. rozdz. Z. Nęcki, I. Sowa, J. Rosiński oraz A. Pitrus i A. Wontorczyk).

Cwalina, W., *Telewizyjna reklama polityczna*, Towarzystwo Naukowe KUL, Lublin 2000 (rozdz. rozdz. III).

Cwalina, W., Falkowski, A., *Marketing polityczny. Perspektywa psychologiczna*, Gdańskie Wydawnictwo Psychologiczne, Gdańsk 2005.

Doliński, D., *Psychologiczne mechanizmy reklamy*, Gdańskie Wydawnictwo Psychologiczne, Gdańsk, 2003.

Golka, M., *Świat reklamy*, Warszawa 1994.

Jabłoński, A.W., Sobkowiak, L. (red.), *Marketing polityczny w teorii i praktyce*, Wydawnictwo U.Wr., Wrocław 2002 (rozdz. rozdz.: A.W. Jabłońskiego i M. Janik-Wiszniewskiej).

Wilkos, S., Ferenc, W., *Kampania wyborcza. Strategia – taktyka – komunikacja*, Wyd. Sejmowe, Warszawa 2001, (rozdz. rozdz. IV i V).

Wiszniewski, R., *Marketing wyborczy*, Wyd. PWN, Warszawa – Wrocław 2000 (rozdz. 4).

Wasilewski, P., red., *Szlachetna propaganda dobroci, czyli drugi tom o reklamie społecznej*, Agencja Wasilewski, Kraków 2007.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	6	3
Practical classes	15/12	6	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	90		

9. Type of evaluation:

exam

10. Language of instruction:

Polish

ECTS points

2/3

1. Name of the subject:

Political Marketing

2. Description of the course:

The essence and features of political marketing activities; the influence of institutional and social factors on marketing electoral strategies; models of competition between parties and their influence on electoral strategies; political subjects as participants in competition on the electoral market; forms of organization in political parties and financial resources of political parties; mass media as a political subject; political campaign – its essence and mechanisms.

3. Conditions of course completion:

Credit

4. Assumptions and aims:

Familiarisation of students with basic categories and notions of political marketing. Explanation of major techniques and methods of political marketing using selected European and American political campaigns.

5. Bibliography:

Cwalina, W., Falkowski, A., *Marketing polityczny. Perspektywa psychologiczna*, Gdańskie Wydawnictwo Psychologiczne, Gdańsk 2005.

Dobek-Ostrowska, B., Wiszniowski, R., *Teoria komunikowania publicznego i politycznego. Wprowadzenie*, Wrocław 2001.

Dobek-Ostrowska, B. (red.), *Kampania wyborcza: marketingowe aspekty komunikowania politycznego*, Wyd. U.Wr., Wrocław 2005.

Jabłoński, A.W., Sobkowiak, L. (red.), *Marketing polityczny w teorii i praktyce*, Wrocław 2002.

Mazur, M., *Marketing polityczny. Studium porównawcze*, Wyd. Naukowe PWN, Warszawa 2004.

Wiszniowski, R., *Marketing wyborczy. Studium kampanii wyborczych w systemach prezydenckich i semiprezydenckich (Finlandia, Francja, Polska, Stany Zjednoczone)*, Wyd. Naukowe PWN, Warszawa-Wrocław 2000.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures	15/12	5	3
Practical classes	15/12	5	3
Laboratories			
Projects			
Seminars			
Conversatories			
Student's total cost of labour	60/90		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

ECTS points

2

1. Name of the subject:

Diploma paper seminar

2. Description of the course:

Justification of the choices of topics. Review of applicable literature. The problematic scope of diploma papers. Aims and assumptions of the papers. Footnotes. The evaluation of the methodology applied. The correction of the scope and structure of diploma papers.

3. Conditions of course completion:

not specified

4. Assumptions and aims:

Familiarisation of students with the process and methodology of diploma paper writing.

5. Bibliography:

Pułło A., Prace magisterskie i licencjackie. Wskazówki dla studentów, PWN Warszawa 2001.

Piotrek P., Zieleniecka B., Technika pisania prac dyplomowych, Poznań 1997.

Urban S., Ładoński W., Jak napisać dobrze pracę magisterską, Wrocław 1997.

Zaczyński W., Poradnik autora prac seminaryjnych dyplomowych i magisterskich, Warszawa 1995.

6. Status of the subject:

Compulsory

7. Academic staff:

Faculty of Political Science

8. Duration and schedule:

Form of classes	Number of hours	Semester	Year
Lectures			
Practical classes	15/12	4	2
Laboratories			
Projects			
Seminars			
Conversations			
Student's total cost of labour	60		

9. Type of evaluation:

credit

10. Language of instruction:

Polish

Economy

Studying Economy provides graduates solid fundamentals in economics which is useful in management of finance, human resources and material resources. The graduates develop the skills necessary to analyze information properly and make logical decisions based on economic knowledge. Graduates may be employed in private or public companies as well as in a wide range of state government organizations. They also may run their own economic activity.

Specialization: Accountancy and internal audit

Graduates gain knowledge from the field of companies and small businesses accountancy, budget accountancy, non-profit organization accountancy, methodology and procedures of internal audit. They develop skills used in preparing financial statement and tax declarations. They also become equipped with practical skills of qualifying and using the mechanisms, techniques, and rules of internal audit. Graduates are well-prepared to work in finance, accountancy or audit departments in private or public company, a state government organizations, tax offices, banks and other financial organizations.

Specialization: Economic analysis

Graduates gain knowledge in analyzing economic phenomena and processes which exist within or outside an organization. They become equipped with skills of making economic decision and determining opportunity costs of the decision. Graduates are well-prepared to find job in analysis departments in a wide range of companies and organizations.

Major: Economy

Specialization: Accountancy and internal audit

Full time

Recruitment: 2009

Year I

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Socjology	30	30				2					pass	
2	Information technology	30									30	pass	2
3	Lectures at choice	30	30				1					pass	
Basic objects													
4	Microeconomics	60	30	30			7					exam	
5	Mathematics	60	30	30			6					exam	
6	Descriptive statistics	45	15	30			5					exam	
7	Law	30	30				4					pass	
8	Management	45	15	30			5					exam	
9	Accountancy	60						30	30			exam	7
10	Basics of macroeconomic	60						30	30			exam	7
11	Econometrics	45						15			30	exam	7
Majors objects:													
13	Public finance and financial markets	60						30	30			exam	7
	Vocational training	160							160			pass	
	Total without training:	555	180	120				105	90				
							30						30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Economy

Specialization: Accountancy and internal audit

Full time

Recruitment: 2009

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
2	Protection of intellectual property	15	15				2					pass	
3	Physical education	60		30			1		30			pass	1
Basic objects													
4	International economic intercourse	30	30				4					pass	
Majors objects:													
5	Economic analysis	45	15	30			6					exam	
6	European integration economy	30	30				4					pass	
7	Regional economy	30	30				4					pass	
8	Social policy	30	30				4					pass	
9	Economic policy	30	15	15			4					pass	
Speciality objects:													
10	Internal audit standards	30						15	15			pass	2
11	Economic diagnostic	30						15	15			pass	3
12	Internal control	15						15				pass	1
13	Science about enterprise	45						30	15			exam	5
14	Practical aspects of internal audit	15							15			pass	1
15	Budget accountancy	45						15	30			exam	4
16	Financial accountancy	60						30	30			exam	6
17	Diploma seminar	15									15	pass	2
19	Business finance management	45						15	30			exam	4
	Vocational training	160							160			pass	0
	Total without training:	630	165	105				135	210		15		
							30						30

Major: Economy

Specialization: Accountancy and internal audit

Full time

Recruitment: 2009

Year III

No.	Course unit	no. of h.	5th semester				ECTS cred.	6th semester				credits	ECTS cred.
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
Speciality objects:													
1	Financial statements research	15		15			1					pass	
2	Bussines plan	30	15	15			2					pass	
3	Organisation resources managing	30	15	15			2					pass	
4	Computer systems of accountancy	30		30			2					pass	
5	Treasure and tax supervising	15		15			1					pass	
6	Internal control organising	15		15			1					pass	
7	Accountancy organising	30		30			4					pass	
8	Accountancy and audit in bank	15		15			1					pass	
9	Management accountancy	45	15	30			4					exam	
10	Reporting and financial analysis	45	15	30			5					exam	
11	Lectures at choice	45	30				3	15				pass	1
12	Union funds audit	15						15				pass	1
13	Public orderings audit	15							15			pass	1
14	Controlling	30						15	15			exam	4
15	Statistic methods in audit	15						15				pass	1
16	International standards of financial reporting	30						15	15			pass	2
17	Internal audit organising in public finance sector	15							15			pass	1
18	Labour and civil law	30						30				pass	2
19	Foundations and associations accountancy	15						15				pass	1
20	Enterpreneur tax accounts	30						15	15			exam	4
18	Workshops at choice in foreign language	30			30		2					pass	
21	Diploma seminar	60				30	2				30	pass	2
22	Thesis												10
	Total:	660											
	Hours in general without training:	1845	90	240	30	30		135	105		30		
							30						30

Major: Economy

Specialization: Accountancy and internal audit

extramural

Recruitment: 2009

Year I

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Socjology	30	30				2					pass	
2	Information technology	30									30	pass	2
3	Lectures at choice	30	30				2					pass	
Basic objects													
4	Microeconomics	60	30	30			6					exam	
5	Mathematics	60	30	30			6					exam	
6	Descriptive statistics	30	10	20			5					exam	
7	Law	30	30				4					pass	
8	Management	30	10	20			5					exam	
9	Accountancy	40						20	20			exam	7
10	Basics of macroeconomic	60						30	30			exam	7
11	Econometrics	34						10			24	exam	7
Majors objects:													
13	Public finance and financial markets	40						20	20			exam	7
	Vocational training	160							160			pass	0
	Total without training:	474	170	100				80	70		54		
							30						30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Economy

Specialization: Accountancy and internal audit

extramural

Recruitment: 2009

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
2	Protection of intellectual property	10	10				2					pass	
Basic objects													
3	International economic intercourse	30	30				5					pass	
Majors objects:													
4	Economic analysis	30	10	20			6					exam	
5	European integration economy	30	30				4					pass	
6	Regional economy	20	20				4					pass	
7	Social policy	30	30				4					pass	
8	Economic policy	30	20	10			4					pass	
Speciality objects:													
9	Internal audit standards	20						10	10			pass	2
10	Economic diagnostic	16						16				pass	3
11	Internal control	10						10				pass	1
12	Science about enterprise	30						20	10			exam	5
13	Practical aspects of internal audit	10							10			pass	1
14	Budget accountancy	30						10	20			exam	5
15	Financial accountancy	40						20	20			exam	6
16	Diploma seminar	12									12	pass	2
17	Business finance management	30						10	20			exam	4
	Vocational training	160							160			pass	0
	Total without training:	438	150	60				96	120		12		
							30						30

Major: Economy

Specialization: Accountancy and internal audit

extramural

Recruitment: 2009

Year III

No.	Course unit	no. of h.	5th semester				ECTS cred.	6th semester				credits	ECTS cred.
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	2
Speciality objects:													
1	Financial statements research	10		10			1					pass	
2	Bussines plan	20	10	10			2					pass	
3	Organisation resources managing	16	16				2					pass	
4	Computer systems of accountancy	20		20			2					pass	
5	Treasure and tax supervising	10		10			1					pass	
6	Internal control organising	10		10			1					pass	
7	Accountancy organising	20		20			4					pass	
8	Accountancy and audit in bank	10		10			1					pass	
9	Management accountancy	30	10	20			4					exam	
10	Reporting and financial analysis	30	10	20			5					exam	
11	Lectures at choice	46	30				3	16				pass	1
12	Union funds audit	10						10				pass	1
13	Public orderings audit	10							10			pass	1
14	Controlling	20						10	10			exam	3
15	Statistic methods in audit	12						12				pass	1
16	International standards of financial reporting	20						10	10			pass	2
17	Internal audit organising in public finance sector	10							10			pass	1
18	Labour and civil law	20						20				pass	2
19	Foundations and associations accountancy	10						10				zaliczenie	1
20	Enterpreneur tax accounts	20						10	10			exam	3
18	Workshops at choice in foreign language	30			30		2					pass	
21	Diploma seminar	48				24	2				24	pass	2
22	Thesis												10
	Total:	492											
	Hours in general without training:	1404	76	160	30	24		98	80		24		
							30						30

Major: Economy

Specialization: Accountancy and internal audit

Full time

Recruitment: 2008

Year I

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Socjology	30	30				2					pass	
2	Foreign language	60						60				pass	2
3	Information technology	30									30	pass	2
4	Lectures at choice	30	30				1					pass	
5	Physical education	30						30				pass	1
Basic objects													
6	Microeconomics	60	30	30			7					exam	
7	Mathematics	60	30	30			6					exam	
8	Descriptive statistics	45	15	30			5					exam	
9	Law	30	30				4					pass	
10	Basics of management	45	15	30			5					exam	
11	Basics of accountancy	60						30	30			exam	6
12	Basics of macroeconomic	60						30	30			exam	6
Majors objects:													
13	Economic analysis	45						15	30			exam	5
14	Public finance and financial markets	60						30	30			exam	6
	Vocational training	200							200			pass	2
	Total without training:	645	180	120				105	210				
							30						30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Economy

Specialization: Accountancy and internal audit

Full time

Recruitment: 2008

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Physical education	30		30			1					pass	
2	Foreign language	60		60			3					exam	
3	Protection of intellectual property	15	15				2					pass	
Basic objects													
4	Econometrics	45	15			30	5					exam	
5	International economic intercourse	30	30				4					pass	
Majors objects:													
6	European integration economy	30	30				4					pass	
7	Regional economy	30	30				4					pass	
8	Social policy	30	30				3					pass	
9	Economic policy	30	15	15			4					pass	
Speciality objects:													
10	Internal audit standards	30						15	15			pass	2
11	Economic diagnostic	30						15	15			pass	2
12	Internal control	15						15				pass	1
13	Science about enterprise	45						30	15			exam	4
14	Practical aspects of internal audit	15							15			pass	1
15	Budget accountancy	45						15	30			exam	4
16	Financial accountancy	60						30	30			exam	6
17	Diploma seminar	15									15	pass	2
18	Workshops at choice in foreign language	30								30		pass	2
19	Business finance management	45						15	30			exam	4
	Vocational training	200							200			pass	2
	Total without training:	630	165	105		30		135	150	30	15		
							30						30

Major: Economy

Specialization: Accountancy and internal audit

Full time

Recruitment: 2008

Year III

No.	Course unit	no. of h.	5th semester				ECTS cred.	6th semester				credits	ECTS cred.	
			l	p	w	l/o		l	p	w	l/o			
Speciality objects:														
1	Financial statements research	15		15			1					pass		
2	Bussines plan	30	15	15			3					pass		
3	Organisation resources managing	30	15	15			3					pass		
4	Computer systems of accountancy	30		30			2					pass		
5	Treasure and tax supervising	15		15			1					pass		
6	Internal control organising	15		15			1					pass		
7	Accountancy organising	30		30			4					pass		
8	Accountancy and audit in bank	15		15			1					pass		
9	Management accountancy	45	15	30			4					exam		
10	Reporting and financial analysis	45	15	30			5					exam		
11	Lectures at choice	45	30				3	15				pass	1	
12	Union funds audit	15						15				pass	1	
13	Public orderings audit	15							15			pass	1	
14	Controlling	30						15	15			exam	4	
15	Statistic methods in audit	15						15				pass	1	
16	International standards of financial reporting	30						15	15			pass	2	
17	Internal audit organising in public finance sector	15							15			pass	1	
18	Labour and civil law	30						30				pass	2	
19	Foundations and associations accountancy	15						15				pass	1	
20	Enterpreneur tax accounts	30						15	15			exam	4	
21	Diploma seminar	60				30	2				30	pass	2	
22	Thesis												10	
	Total:	570												
	Hours in general without training:	1845	90	210		30		120	75		30			
							30							30

Major: Economy

Specialization: Economic analysis

Recruitment: 2009

Full time

Year I

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Socjology	30	30				2					pass	
2	Information technology	30									30	pass	2
3	Lectures at choice	30	30				1					pass	
Basic objects													
4	Microeconomics	60	30	30			7					exam	
5	Mathematics	60	30	30			6					exam	
6	Descriptive statistics	45	15	30			5					exam	
7	Law	30	30				4					pass	
8	Management	45	15	30			5					exam	
9	Accountancy	60						30	30			exam	7
10	Basics of macroeconomic	60						30	30			exam	7
11	Econometrics	45						15			30	exam	7
Majors objects:													
13	Public finance and financial markets	60						30	30			exam	7
	Vocational training	160							160			pass	
	Total without training:	555	180	120				105	90				
							30						30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Economy

Specialization: Economic analysis

Recruitment: 2009

Full time

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
2	Protection of intellectual property	15	15				2					pass	
3	Physical education	60		30			1		30			pass	1
Basic objects													
4	International economic intercourse	30	30				4					pass	
Majors objects:													
5	Economic analysis	45	15	30			6					exam	
6	European integration economy	30	30				4					pass	
7	Regional economy	30	30				4					pass	
8	Social policy	30	30				4					pass	
9	Economic policy	30	15	15			4					pass	
Speciality objects:													
10	Economic diagnostic	30						15	15			pass	3
11	Elements of mathematical statistics and probability calculation	30						15	15			pass	3
12	Methods of financial markets analysis	30						15	15			pass	3
13	Science about enterprise	45						30	15			exam	5
14	Diploma seminar	15									15	pass	2
15	Multidimensional comparative analysis	30						15	15			pass	3
16	Business finance management	45						15	30			exam	4
17	Application of mathematical methods in finance	60						30	30			exam	5
	Vocational training	160							160			pass	0
	Total without training:	615	165	105				135	195				
							30						30

Major: Economy

Specialization: Economic analysis

Recruitment: 2009

Full time

Year III

No.	Course unit	no. of h.	5th semester				ECTS	6th semester				credits	ECTS
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
Speciality objects:													
2	Enterprise strategic analysis	45	15	30			4					exam	
3	Market and marketing research	60	30	30			5					exam	
4	Financial statements research	15		15			1					pass	
5	Bussines plan	30	15	15			2					pass	
6	Econometrics in economic analysis	30	15	15			3					pass	
7	Organisation resources managing	30	15	15			2					pass	
8	Management accountancy	45	15	30			4					exam	
9	Enterprise development strategy	30	15	15			2					pass	
10	Lectures at choice	45	30				2	15				pass	1
11	Enterprise financial analysis	30						15	15			pass	2
12	Risk anlysis and measurment	30						15	15			pass	2
13	Economic projects analysis	45						15	30			exam	5
14	Operations research	30						15	15			pass	2
15	Controlling	30						15	15			exam	4
16	Workshops at choice in foreign language	30			30		2					pass	
17	Consumer behaviours	30						15	15			pass	2
18	Diploma seminar	60				30	2				30	pass	2
19	Thesis												10
	Total:	675	150	165	30	30		105	135				
	Hours in general without training:	1845											
							30						30

Major: Economy

Specialization: Economic analysis

Recruitment: 2009

extramural

Year I

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Socjology	30	30				2					pass	
2	Information technology	30									30	pass	2
3	Lectures at choice	30	30				2					pass	
Basic objects													
4	Microeconomics	60	30	30			6					exam	
5	Mathematics	60	30	30			6					exam	
6	Descriptive statistics	30	10	20			5					exam	
7	Law	30	30				4					pass	
8	Management	30	10	20			5					exam	
9	Accountancy	40						20	20			exam	7
10	Basics of macroeconomic	60						30	30			exam	7
11	Econometrics	34						10			24	exam	7
Majors objects:													
13	Public finance and financial markets	40						20	20			exam	7
	Vocational training	160							160			pass	
	Total without training:	474	170	100				80	70		24		
							30						30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Economy

Specialization: Economic analysis

Recruitment: 2009

extramural

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
2	Protection of intellectual property	10	10				2					pass	
Basic objects													
3	International economic intercourse	30	30				5					pass	
Majors objects:													
4	Economic analysis	30	10	20			6					exam	
5	European integration economy	30	30				4					pass	
6	Regional economy	20	20				4					pass	
7	Social policy	30	30				4					pass	
8	Economic policy	30	20	10			4					pass	
Speciality objects:													
10	Economic diagnostic	16						16				pass	3
11	Elements of mathematical statistics and probability calculation	20						10	10			pass	3
12	Methods of financial markets analysis	20						10	10			pass	3
13	Science about enterprise	30						20	10			exam	5
14	Diploma seminar	12									12	pass	2
15	Multidimensional comparative analysis	20						10	10			pass	3
16	Business finance management	30						10	20			exam	4
17	Application of mathematical methods in finance	40						20	20			exam	6
	Vocational training	160							160			pass	0
	Total without training:	428	150	60				96	110				
							30						30

Major: Economy

Specialization: Economic analysis

Recruitment: 2009

extramural

Year III

No.	Course unit	no. of h.	5th semester				ECTS	6th semester				credits	ECTS
			l	p	w	l/o		l	p	w	l/o		
Objects of the general education:													
1	Język obcy	60		30			1		30			pass	1
Speciality objects:													
2	Enterprise strategic analysis	30	10	20			4					exam	
3	Market and marketing research	40	20	20			5					exam	
4	Financial statements research	10		10			1					pass	
5	Bussines plan	20	10	10			2					pass	
6	Econometrics in economic analysis	20	10	10			3					pass	
7	Organisation resources managing	16	16				2					pass	
8	Management accountancy	30	10	20			4					exam	
9	Enterprise development strategy	20	10	10			2					pass	
10	Lectures at choice	46	30				2	16				pass	1
11	Enterprise financial analysis	20						10	10			pass	2
12	Risk anlysis and measurment	20						10	10			pass	2
13	Economic projects analysis	30						10	20			exam	5
14	Operations research	22						10	12			pass	2
15	Controlling	20						10	10			exam	4
16	Workshops at choice in foreign language	30			30		2					pass	
17	Consumer behaviours	20						10	10			pass	2
18	Diploma seminar	48				24	2				24	pass	2
19	Thesis												10
	Total:	502	116	130	30	24		76	102		24		
	Hours in general without training:	1404											
							30						30

ECTS Credits

7

1. Course name

Accounting

2. Course description:Lecture

Essence and characteristics of accounting as a informational and filing system. Overriding principles of accounting. Educational methods of accounting and her regulations. International Generally Accepted Accounting Principles (International GAAP). Rules of current and balance appraisal. Posting categories of costs, incomes and outcomes. Balance as a reflection of state of possession. Documenting of events in accounting. Functioning principles of accounts. Account divisibility and merging. Accounting and filing cross-sections of costs. Posting and beside posting settling of financial outcome. Organization of accounting in company. Overall specifications of financial reporting.

Classes

Classification and appraisal of assets and liabilities elements and preparing a balance. Classification of economic operations and record of operations on balance and result accounts. Determining financial result and preparation of simple financial report upon instructions from exercises set and examples prepared by students.

3. Prerequisites

None

4. Aim of the course

Acquiring information and understanding essence of the accounting as a informational and filing system, her tools, functioning principles of accounts and financial outcome settling procedure; economical effect valuation of events being a subject of account filing, valuation of proper account documentation, making of account entries and understanding of their effects, making of summary financial reports.

5. Literature

1. Gierusz B. Podręcznik do samodzielnego księgowania, Oddk 2006
2. Olchowicz I., Podstawy rachunkowości, Difin 2006
3. Wprowadzenie do rachunkowości, praca zbiorowa pod red. Śnieżek E. Oficyna Ekonomiczna 2004
4. Zbiór zadań z rachunkowości, część I, praca zbiorowa pod red I. Izbiańskiej, PWSZ im. Witelona 2006

6. Type of the course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	30 / 20	2	1
Classes	30 / 20	2	1
Laboratory			
Projects			
Seminar			
Total student's workload	210		

9. Conditions of the course acceptance:

Written test, mark from the project, activity and tests on classes,

10. Language

Polish

ECTS Credits

2

1. Course name:

Internal audit. Standards of internal audit

2. Course description:Lectures

Origin and evolution of internal audit. Aims and regulations of internal audit. Internal audit as the element of "Corporate governance". Role and position of internal audit in the system of internal inspection and financial auditing. International and National Standards on Auditing. Organization of auditor work. Methodology of internal audit. Analysis of audit needs and risk areas. The subject of internal financial audit. Operational audit. Audit of internal inspection. Audit of management systems. Financial audit. Internal audit in European Union. Auditor's duties and aims of internal audit. Internal auditor's code of ethics – studies of cases. Procedures of internal audit conducting. Evaluation of risk areas. Preparing plans of internal audit. Drawing up a programme of audit task. Activities of implementing example audit task. Drawing up documents of introductory stage of internal audit. Evaluation of audit documents correctness. Preparing the report on conducting audit task. Drawing up the report on conducting the plan of audit for the previous year.

Classes

Documenting of operational, financial, management systems and internal inspection audit.

3. Prerequisites

Credit in Accountancy

4. Aim of the course:

Knowing the essence, organization and methodology of internal audit. Understanding and mastering the procedures of internal audit. Acquiring practical abilities of determining the needs of audit, risk identification and analysis. Mastering the techniques of documenting audit tasks.

5. Literature:

1. Czerwiński K., CIA CISA CFE, Audyt wewnętrzny, Warszawa, 2005
2. Kiziukiewicz T., Audyt wewnętrzny w jednostkach sektora finansów publicznych, Difin, 2007
3. Knedler K., Stasik M., Audyt wewnętrzny w praktyce, Polska Akademia Rachunkowości, 2005,

6. Type of course:

Obligatory

7. Teaching team:

Department of Accountancy, Finance and Quantitative Methods

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	15 / 10	4	2
Classes	15 / 0	4	2
Laboratory			
Project			
Seminar			
Total cost of student's labour	30		

9. Conditions of the course acceptance:

Lectures – written exam, Classes - credit

10. Language:

Polish

ECTS credits

6 / 7

1. Course name

Macroeconomics

2. Course description

Creation and distribution of national income and his measurment. Two paradigms in macroeconomics. Basic foundations and statements of the Keynesian economy. Business fluctuations in the market economy. Economic role of government. Budget policy. Monetary and credit system. Unemployment. Inflation. International trade. Balance of payments and foreign exchange rates.

3. Prerequisites

completed subjects: Microeconomics

4. Aim of the course

Delivery of knowledge about basic economy rules, explanation and understanding of mechanizm of economy.

5. Literature

1. 1. Begg D., S. Fischer, R. Dornbusch, Makroekonomia t. 2, PWE, Warszawa 1992
2. Sloman J.: *Podstawy ekonomii*, PWE, Warszawa 2001.
3. Czarny B.: *Podstawy ekonomii*, PWE, Warszawa 2002.
4. Kamerschen D.R., R.B. Mckenzie, C. Nardinelli, Ekonomia, Gdańsk 1991

6. Type of course

Obligatory

7. Teaching team

Department of Economics and Management

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/30	2	1
Classes	30/30	2	1
Laboratory			
Project			
Seminar			
Total student's workload	180 / 210		

9. Conditions of the course acceptance:

Lecture – written exam

Classes – constant grading

10. Language:

Polish

ECTS Credits

4

1. Course name

Budgetary Accounting

2. Course description:Lecture

Regulations in law, subjective and objective range of budgetary accounting. Main and special rules of bookkeeping, assets and liabilities appraisal in budget and budgetary units. Elements of budget – incomes, expenses, revenues, costs, result of budget execution. Chart of accounts construction for budget, budgetary units and their auxiliary households, state entities. Principles and time limits of making budgetary reports. Principles of tax offices accounting.

Classes

Record of incomes and expenses, revenues and costs in budget – determining budget execution result. Record of budgetary incomes and own incomes in budgetary units. Idea, classification and record of capital assets and stocks. Record of settlement of accounts, revenues and costs in budgetary units. Record of funds, reserves and principles of determining financial result. Presenting funds from auxiliary funds in record. Preparation of budgetary reports and financial report, balance from budget execution.

3. Prerequisites

Passing courses: Basics of Accounting

4. Aim of the course

Understanding the essence, legal basis and principles of budgetary accounting. Understanding categories connected with budget execution and financial plans of budgetary units. Acquiring skills of identifying and making up record of operations connected with budget execution, financial plans of budgetary units and containing property of those units.

5. Literature

1. Kiziukiewicz T.(red.), Rachunkowość w jednostkach sektora finansów publicznych, Difin, Warszawa 2006
2. Winiarska K., Kaczurak- Kozak M., Rachunkowość budżetowa, Oficyna a Wolters Kluwer business, Kraków 2007
3. Zysnarska A., Rachunkowość sektora finansów publicznych, oddk, Gdańsk 2007

6. Type of the course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	15 / 0	4	2
Classes	30/10	4	2
Laboratory			
Projects			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Lecture - written test, mark from the project

Classes - activity and tests on classes

10. Language

Polish

ECTS Credits

6

1. Course name

Financial Accounting

2. Course description:Lecture

Classification, documentation, record, appraisal of state and capital assets activity. Amortization methods. Classification, appraisal and record principles of factual elements of circulation assets. Long-term and short-term investments – appraisal, documentation and record. Appraisal, documentation and record of settlement of accounts. Own funds – sources, accounting and apprehension of them in balance. Reserves for liabilities. Problems of time and objective proportionality of costs and revenues. Products sales registration process. Dealing. Residual costs and revenues. Principles of information settling of financial result using comparative or calculate method. Current and deferred income tax. Construction of financial reports. Interpretation of financial reports.

Classes

Record and appraisal of capital and current assets elements, reserves, liabilities and own capital, revenues and costs, determining financial result upon instructions from tasks from exercises set and examples prepared by students. Preparation of and analysis of financial report content.

3. Prerequisites

Passing courses: Basics of Accounting

4. Aim of the course

Acquiring information and understanding methods and techniques of financial accounting: understanding of choosing an alternative rules of current and balance appraisal; bookkeeping; range and meaning of documentation describing accounting principles, documents decreeing, making book-keeping entries on accounts, diagnosis of report procedures to making financial reports and tax declarations – determining basis of taxation, report statement interpretation, valuation of balance politics effects.

5. Literature

1. Cebrowska T. (red.nauk.) Rachunkowość finansowa i podatkowa, PWN, 2005
2. Gmytrasiewicz M., Karmańska A., Rachunkowość finansowa ,Difin, 2006
3. Helin A., Szymański K.G., Sprawozdawczość finansowa spółek kapitałowych, Difin, 2006
4. Zbiór zadań z rachunkowości, część I, praca zbiorowa pod red. I. Izbiańskiej, PWSZ im. Witelona 2006
5. Mindowicz J., Zbiór zadań z rachunkowości finansowej, Wyd. AE we Wrocławiu, Wrocław 2003
6. Międzynarodowe Standardy Sprawozdawczości finansowej 2005, IASB,2005

6. Type of the course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	30 / 15	4	2
Classes	30 / 15	4	2
Laboratory			
Projects			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Lecture - written and spoken test, mark from the project, activity on classes and workshop, tests on classes

10. Language

Polish

Punkty ECTS

5

1. Course name

Econometrics

2. Course description

Statistical concepts used in econometrics. Definitions of econometric model. Choosing independent variables for linear model. The Classic Linear Regression Model. Linear model estimation using the ordinary least squares method. Model verification: determination coefficient, standard error, hypothesis testing. Linear transformations. Analysis of production, the Cobb-Douglas production function.

3. Prerequisites

Informatics (using Excel calculations).

4. Aim of the course

Presentation of steps of building econometrics model, such as choosing independent variable, choosing form of a model, model estimation and verification. Presentation of basic statistical and mathematical Excel functions or components which are used in linear model estimation and verification. The students learn how to build simple econometrics models and how to test such models.

5. Literature

Dziechciarz J. (red.). *Ekonometria. Metody, przykłady zadania*. Wydanie 2 poprawione,

Wydawnictwo Akademii Ekonomicznej im. Oskara Langego, Wrocław 2003.

Gruszczyński M., Podgórska M (red.) *Ekonometria*, SGH, Warszawa 2004.

Strahl D., Sobczak E., Markowska M., Bal-Domańska Beata. *Modelowanie ekonometryczne z Excelem. Materiały pomocnicze do laboratoriów z ekonometrii*. Wydawnictwo Akademii Ekonomicznej im. Oskara Langego, Wrocław 2004.

Gładysz B., Mercik J.. *Modelowanie ekonometryczne. Studium przypadku*. Oficyna Wydawnicza Politechniki Wrocławskiej. Wrocław 2004.

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes	30/24	4	2
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of course acceptance

Written test

10. Language

Polish

ECTS credits

6

1. Course name

Finance

2. Course descriptionFinancial system – definition and functions. Government budgeting system, **revenues** and **expenses**.

Budget deficit. Economical results of budget deficit. Public debt management. Goal capital funding.

Structural funds in complementing public finance. The insurance system. The taxation system. Central Bank and banking system. Role of interest rates, government stock and open market operations.

3. Prerequisites

Completed courses in „Economy” and „Principle law”

4. Aim of the course

The main goal of the lecture is the introduction students into the basic problems of public finance.

5. Literature

1. Owsiak Stanisław, Finanse publiczne. Teoria i praktyka. PWN. Warszawa, 2005.
2. Podstawka M., Podstawy finansów publicznych, SGGW, Warszawa 2004.
3. Finanse publiczne i prawo finansowe, pod red. C. Kosikowskiego i E. Ruśkowskiego, Dom Wydawniczy ABC, Warszawa 2003.
4. podstawowe akty prawne z zakresu finansów i finansów publicznych.

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30 / 15	3	2
Classes	30 / 15	3	2
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance

Lecture – written exam, classes - test

10. Language

Polish

ECTS credits

4

1. Course name

Regional economy

2. Course descriptionLecture

- Globalization and regionalization
- regionalization criteria and typology of the regions
- aims and scope of the personal and economic policy in the region , the regional economic environment
- the rules for implementing economic policy in the region
- factors of region development
- regional competitiveness
- mechanisms for stimulating economic growth in the region and increase competitiveness
- theoretical concepts of regional development
- regional development strategies
- strategies of regional development - the development of principles
- strategies developed in Dolny Śląsk : the development of strategies to Dolny Śląsk, regional innovation strategy, other strategies
- regional programs and regional operational program for Dolny Śląsk

3. Prerequisites

completed subjects: Microeconomics and Macroeconomics

4. Aim of the course

Delivery of knowledge about basic regional economy, explanation and understanding of mechanism of economy.

5. Literature

1. *Gospodarka lokalna i regionalna w teorii i praktyce* (red. naukowa R. Brol) Wydawnictwo AE im Oskara Langego we Wrocławiu, Wrocław, 2005.
2. *Metody oceny rozwoju regionalnego* (red. Naukowa Danuty Stralh) Wydawnictwo AE im Oskara Langego we Wrocławiu, Wrocław, 2005.
3. Patrzalek: *Finanse samorządu terytorialnego*, Wydawnictwo AE im. Oskara Langego we Wrocławiu, Wrocław 2004.

6. Type of course

Obligatory

7. Teaching team

Department of Engineering Production and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/20	3	4
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	120		

8. Conditions of the course acceptance

Lecture – written exam - test

9. Language

Polish

ECTS credits

2

1. Course name

Information Technology

2. Course descriptionLaboratory

1. Basis conceptions and definitions used in Computer Science. 2. Elements of architecture and functioning of a computer. 3. The introduction to the computer usage. 4. The Basic characteristics of operational system Windows XP: functions of the operational system. 5. TOOL SOFTWARE (ANTIVIRUS PROGRAMS, ARCHIVE, DIAGNOSTIC AND OPTIMIZING). 6. Internet: characteristics, functions and usage of the Internet, the services available in Internet. 7. Text editors on the example of WORD 2003: the edition of the complex documents (with many pages), charts, inserting of the graphics (advanced methods), the edition of the mathematical formulas, the table elements of documents (pagnations, headlines, Footer), creation of the contents and index (subscripts, superscripts), tabulator, numbering, bullets formatting a text in columns, the serial correspondence, forms, automation of the work, planning and creating professional documents and publications, computer composing of the compact descriptions. 8. Computer data analysis (the area of usage of the data analysis), the rule of sheet's creation, types and structures of data, implementation and formatting of data, basic statistical analysis. The advanced topics: the elements of programming in CALCULATING SHEET, management of the sheets and folders, sheet as the data basis (addition of the records, sorting and managing the lists, using filters, sheet for the group work, advanced formulas and functions, presentations of the graphical data- MICROSOFT MAP, presentations and preparations of large printed papers, advanced operations on lists (pivot tables, chart), macrodefinitions, preparations of algorithms of economic problems. 9. Work in program used for creating the presentations Power Point or FLASH Preparing own presentation

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction of the basic informatical knowledge about the using of the most commonly used software. Learning students about the basic definitions, practical skills and learning them how to perceive, formulate and solve the problem

The usage of the information technology while creating the own basis of the intellectual work: conversion of texts, the rules of using the calculating sheet, data basis, the manager's graphics and presentations and services in informatic nets

5. Literature

1. R. Supranowicz, L. Łozowski, *Systemy operacyjne Windows oraz Microsoft Office 2000 w praktyce*, PWSZ im. Witelona w Legnicy 2005
2. A. Bąk (red.), *Wprowadzenie do informatyki dla ekonomistów*, Wyd. AE Wrocław 2000
3. Z. Dec, R. Konieczny, *ABC...komputera 2000*, EDITION 2000, Kraków, 2000
4. K. Kluczna, *ABC...Windows 2000*, EDITION 2000, Kraków, 2000

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	2	1
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

2

1. Course name:
Protection of Intellectual Property

2. Course description

Subject area: I. Introduction: Intellectual goods as a special kind of goods. Position of intellectual rights regulation in a system of Polish law. Catalogue of objects of intellectual property law. Genesis and meaning of international regulation of intellectual property law (Bern, Paris and common Conventions and other covenants with Poland as a party thereof) **II. Copyright:** Definition of original creative works and their kinds. Subjects of intellectual property rights. Co-authorship. Content of intellectual property rights – personal and commercial intellectual property rights; exploitation fields. General rules of assignment of rights – succession of rights. Agreements assigning rights and licence agreements. Collective administration and protection of rights; Commission of Authors Rights, templates of authors fees; Promotion of Creative Works Fund. Protection of rights. Related rights – subjects, content, usage and protection. Protection of databases. **III. Industrial property rights:** Objects of industrial property rights; Polish Patent Office. Subjects entitled to projects of patents. Content of right to patent. Project regarding to personal and economic rights. General rules on protection of rights to industrial property objects.

3. Prerequisites

None

4. Aim of the course

Introduction of the basic regulation and institutions of intellectual property rights (as a part of civil law). It allows students to understand and use basic terminology from this area of law to such extent that they can independently search for and interpret provisions of intellectual property law and use them in particular cases as well as in preparation of basic documents such as agreements and lawsuits.

5. Literature

1) BASIC LITERATURE: J. Jezioro, Prawo własności intelektualnej (w:) Podstawy Prawa cywilnego pod red.: E. Gniewka, Warszawa 2005.

2) SUPPLEMENTAL LITERATURE:

1. J. Barta, M. Czajkowska-Dąbrowska, Z. Cwiakalski, R. Markiewicz, E. Trąpiał, Prawo autorskie i prawa pokrewne. Komentarz, Kraków 2005,
2. J. Barta R. Markiewicz, Ustawa o ochronie baz danych. Komentarz, Warszawa 2002,

6. Type of course

Obligatory

7. Teaching team

Department of Economy and European Union

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance

Passing of final test exam

10. Language

Polish

ECTS credits

2

1. Course name

Managing people in an organization

2. Course descriptionLecture

- the importance of targeting people in the organization
- creating teams of employees
- motivation as a basis for targeting people
- the methods of influence on employees
- resolving conflicts in human teams

Classes

- influence of the management style on the work of employees

3. Prerequisites

Introduction to Management

4. Aim of the course**knowledge** of methods and techniques of managing people in an organization**5. Literature**

1. Penc J. Nowoczesne kierowanie ludźmi: wywieranie wpływu i współdziałanie w organizacji Difin Warszawa 2007
2. Wachowicz P Kierowanie zespołem projektowym Difin Warszawa 2004
3. Kożusznik B. Kierowanie zespołem pracowniczym PWE Warszawa 2005

6. Type of course

Obligatory

7. Teaching team

Department of Enterprise and Marketing Science

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes	15/10	4	2
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance

lecture – writing examination - test

classes – test

10. Language

Polish

ECTS Credits

1

1. Course name

Internal control

2. Course description:

Essence of audit as a part of financial management system: concept and classification of control; internal audit and external control – areas, relations; internal control – past and future. Principles of formalizing internal control system: qualifications and predispositions of supervisors; organizational conditions and efficiency of control. Methods and techniques of control – selection and implementation; basic concepts, selected methods and control techniques. Internal control instruments: concept of control instruments, kinds of instruments. Document – its role and meaning in process of internal control: studying documents, control documents. Internal control and internal audit: internal audit – definition, role and meaning of internal audit in control system.

3. Prerequisites

None

4. Aim of the course

1. Description of concept of control, internal control and internal audit, external control
2. Introducing students with principles of formalizing internal control system
3. Introducing students with basic instruments of internal control
4. Pointing out benefits which can be obtained from efficiently working internal control system

5. Literature

1. Wierzbicki K.: Kontrola wewnętrzna w podstawowych jednostkach gospodarczych
2. Winiarska K.: Kontrola finansowo – księgowa w praktyce
3. Kuc B.R.: Audyt wewnętrzny – teoria i praktyka
4. Stępniewski J.: Audyt i diagnostyka firmy

6. Type of the course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	15 / 10	4	2
Classes			
Laboratory			
Projects			
Seminar			
Total student's workload	15		

9. Conditions of the course acceptance:

Written test is a condition of ranking the lecture

10. Language

Polish

ECTS credits

4

1. Course name

Law

2. Course description**Lecture**

1. The proposition of law: the notion of the proposition of law and the legal provision, the structure of the norm, being obligatory of the norm, kinds of norms and legal provisions, conflicts between norms and rules. 2. The legal relationship: the notion and elements of the legal relationship, the notion and kinds of acts of law, the object of the legal relationship, subjects of the legal relationship, acts in law. 3. The general characterization of the civil law: subjects of the civil law: natural persons and corporate bodies, personal rights of natural persons - the legal construction and kinds of corporate bodies, the notion of the property, the civil responsibility. 4. The general characterization of the administration law: legal forms of acting of the administration, the characterization of the administrative proceedings, the notion of the administrative decision, the administration the government and municipal (the voivode, the commune, the administrative district, the autonomy of the province), legal inspection of activities of the administration. 5. The general characterization of the penal law: the notion of the crime; rules of the criminal responsibility; the range subjective, objective and territorial of being obligatory of the penal code; kinds penalties in the penal code; the characterization of chosen crimes. 6. The source of law: acts universally obligatory, acts internally obligatory 7. The interpretation of the law: the notion the interpretation of the law, kinds the interpretation of the law 8. Gaps in the law and their kinds.

3. Prerequisites

none

4. Aim of the course

The introduction of students with basic legal notices (the legal provision, the proposition of law, the system of the law, the interpretation of the law, the legal relationship. The characterization of deeds universally and internally obligatory; the characterization of basic branches of the law (the civil law, administration law, penal law).

5. Literature

1. Kaźmierczyk St., Pulka Z., *Wstęp do prawoznawstwa*, Wrocław 2001
2. H.Rot, *Wstęp do nauk prawnych*, Wrocław 1994,
3. T.Stawecki, P.Winczorek, *Wstęp do prawoznawstwa*, Warszawa 2002
4. Ziemiński Z., *Logika praktyczna* Warszawa 2001

6. Type of course

Obligatory

7. Teaching team

Department of Science on Economy and European Law

8. Course structure

Form	Number of hours	Semester	year
Lecture	30	1	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

The written examination

10. Language:

Polish

ECTS credits

5

1. Course name

Management

2. Course description**Lecture**

1. The organization and her creature: The material, functional and attribute apprehension of the organization; reasons of the creation of the organization; the environment of the organization: Geographical , biological, social. 2. The management – of the practician , the art, the science: Marking of aims in the organization , the hierarchy of aims in the organization, the treat of the decision in the area of the management. 3. The hierarchy of the management in organizations: The strategic management (notions of the mission, the vision, the strategy); the operating - management as the executive system. 4. The management across functions. 5. The planning as the function of the management: The creature of the planning; rules of the planning; kinds of plans in organizations. 6. The organization as the function of the management: measurements of organizational structures; factors; the typology of organizational structures. 7. The motivational function of the management: Well-known motivational theories; the classification of motivational tools; the selection and the improvement of motivational tools. 8. The leadership and his meaning in the management: Styles of the control – the definition, basic kinds; basic controlling skills – the characterization; elements of the intelligence emotional in the management with people. 9. The inspection as the function of the management: The notion of the inspection , her creature and the meaning; kinds of the inspection; the relationship between the planning and the inspection. 10. Cultural conditionings of the management: The creature of the organizational culture; kinds of organizational cultures. 11. Directions in the learning about the management leaning for the paradigm of the structural rationality: The scientific management , the administrative trend. 12. Directions in the science about the management leaning for the paradigm of the subjective domination: Experiments E. Mayo, the holistic character of the humanity in the idea A. Maslow and; D.Mc Gregor idea's. 13. Directions accepting for point of departure the paradigm of the situational equilibrium. 14. Present ideas of the management: The theory of the organizational game, the theory of processes integrated, the complex management with the quality.

3. Prerequisites

none

4. Aim of the course

The introduction of students with the problems of the management with the firm. Under of the seizures appears the possibility of the recognition of the object of research of the science about the management and the assimilation of the language to which it makes use. The purchase of the skill of the utilization of the knowledge from the range of the planning in the organization, buildings of schemata of organizational structures, building of schemata of the organizational structure and performances of the supervisory function.

5. Literature

- 1.R.W. Griffin: : Bases of the management with organizations , PWN , Warsaw 2000,
- 2.A.K. Koźmiński, W. Piotrowski: The management. The theory and the Practician , PWN , Warsaw 2002,
- 3.I. Robbins, D.De Cenzo: : Bases of the management , PWE , Warsaw 2002,
- 4.M. Przybyła: The organization and the management. Bases of manager knowledge, AE in Wroclaw, Wroclaw 2003

6. Type of course

Obligatory

7. Teaching team

Department of Economics and Management

8. Course structure

Form	Number of hours	Semester	year
Lecture	15 / 10	2	1
Classes	30 / 20	2	1
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

The written examination

10. Language: Polish

ECTS credits

6

1. Course name

Mathematics

2. Course descriptionLecture

Differential calculus of functions of one variable: basic methods of determination of a limit of a function, continuity of a function, derivative of a function and its economical interpretation; basic theorems of differential calculus, an application in solving optimization problems, an investigation of economical functions. Integral calculus of functions of one variable: basic notions, basic methods of determination of indefinite and definite integrals, an application of integral calculus in economics, geometry and statistics. Elements of linear algebra: matrices, determinants, systems of linear equations and inequalities, basic methods of solving systems of linear equations and inequalities, the Gaussian algorithm, an application of matrix analysis in economics and management. Basics of theory of functions of several real variables: a function of two or several variables, partial derivatives, differentiability of a function, extrema, applications in economics and management. Differential and difference equations - applications in economics and management.

Classes

Solving of computational problems from the following area: determination of a limit of a function, determination of derivatives of first and higher orders of a function, computation of indeterminate limits of functions, investigation of extrema and a convexity of a function, investigation of properties of a function, determination of indefinite and definite integrals, operations on matrices, computing of determinants of matrices, methods of solving systems of linear equations and inequalities.

3. Prerequisites

None.

4. Aim of the course

During the lessons students learn to apply elements of mathematical analysis and linear algebra in description and analysis of basic problems in economics and management.

5. Literature

1. M. Gewert, Z. Skoczylas, *Analiza matematyczna 1 i 2*, Oficyna Wydawnicza GiS, Wrocław, 2007.
2. T. Jurliewicz, Z. Skoczylas, *Algebra liniowa 1*, Oficyna Wydawnicza GiS, Wrocław, 2007.
3. A Piwecka-Staryszak (red.), *Wykłady z matematyki dla studentów uczelni ekonomicznych*, Wydawnictwo Akademii Ekonomicznej we Wrocławiu, Wrocław, 2004.
4. J. Abtowa, K. Piasecki, T. Różański, Z. Świtalski, *Matematyka wspomagająca zarządzanie*, Wydawnictwo Akademii Ekonomicznej w Poznaniu, Poznań, 2002.

6. Type of course

Obligatory.

7. Teaching team

Department of Basic Sciences.

8. Course structure

Form	Number of hours	Semester	year
Lecture	30	1	1
Classes	30	1	1
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Lecture – written test, classes – credit.

10. Language:

Polish

ECTS credits

7 / 6

1. Course name

Microeconomics

2. Course description

1. The nature and method of economics. 2. The economizing problem. 3. Market economy. 4. Market equilibrium. 5. Price elasticity of the supply and the demand. 6. Theory of utility. 7. Production costs. 8. Company on the perfect competition market. 9. Monopoly. 10. Monopolistic competition. 11. Oligopoly. 12. Production factors markets. 13. Risk in making choices.

3. Prerequisites

none

4. Aim of the course

To understand the essence of the economic decisions optimisation, to explain the working of market and competition; to teach the abstract thinking, to understand and to interpret market processes, to create bases for developing the economic knowledge about company and market.

5. Literature

1. 1. Sloman J.: *Podstawy ekonomii*, PWE 2001.
2. Begg D., Fisher S., Dornbusch R.: *Ekonomia*, Warszawa 1998.
3. Samuelson P.A., Nordhaus W.D. *Ekonomia*, Warszawa 1993.
4. D.R. Kamerschen, R.B. McKenzie, C. Nardinelli, *Ekonomia*, Gdańsk 1991

6. Type of course

Obligatory

7. Teaching team

Department of Economics and Management

8. Course structure

Form	Number of hours	Semester	year
Lecture	30	1	1
Classes	30	1	1
Laboratory			
Project			
Seminar			
Total student's workload	210 / 180		

9. Conditions of the course acceptance:

Lecture – written exam

Classes – constant grading

10. Language:

Polish

ECTS credits

1

1. Course name

Psychology of management

2. Course description

Basic concepts and methods of psychology. Social groups and work groups. Cognitive dissonance

Sources of group conflicts and conflict management in groups. Psychology of decision making.

Motivation techniques in management.

3. Prerequisites

Introduction to Management

4. Aim of the course

Knowledge of principles of psychology of management.

5. LiteratureCakrt, M. (2006) *Kto jest kim. Typy osobowości dla menedżerów*. Gliwice: HelionMakin, P., Cooper, C., Cox, C. (2000) *Organizacje a kontrakt psychologiczny*. Warszawa: Wydawnictwo Naukowe PWNTyszka, T. (1999) *Psychologiczne pułapki oceniania i podejmowania decyzji*. Gdańsk: GWP**6. Type of course**

Obligatory

7. Teaching team

Department of Economics and Management

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes	15/0		
Laboratory			
Project			
Seminar			
Total student's workload	105		

9. Conditions of the course acceptance

lecture – writing examination - test

10. Language

Polish

ECTS credits

1

1. Course name

Diploma seminar

2. Course description4th semester: Methodology and selection of diploma thesis topics.**3. Prerequisites**

3 semesters completed;

4. Aim of the course

The student will learn how to organize the process of writing diploma thesis.

The student will learn research methods.

The student will learn how to formulate research problem, conducts research and analyse its results

5. Literature

1. Pułło A., Prace magisterskie i licencjackie. Wskazówki dla studentów, PWN, Warszawa 2001;

2. Pioterek P., Zielenicka B., Technika pisanie prac dyplomowych, Poznań 1997.

3. Urad S., Ładoński W., Jak napisać dobrze pracę magisterską, Wrocław 1997

4. Zaczyński W., Poradnik autora prac seminaryjnych dyplomowych i magisterskich, Warszawa 1995

6. Type of course

Compulsory

7. Teaching team

According to the specialization;

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	15/12	4/4	2/2
Total student's workload	15		

9. Conditions of the course acceptance:

Lecture: conversations, writing;

10. Language:

Polish

1. Course name:

Sociology

2. Course description:

The place of sociology among other social sciences. The subject and functions of general and specific sociology. Natural, economical and cultural considerations of social life. Mass culture and its influence on social and work processes. Cultural diffusion and cultural heritage as factors of social and economical development. The man vs. social environment. Sociological model of man. The question of personality in social sciences. Work vs. personality. Economic mentality of the individual vs. their participation in economic and social processes. Socio-psychological characteristics of relations and relationships: needs – motivations – bases – behaviors. Social bonds as the basis for the emerging of social groups. Public institutions and their functions. Characteristics of total institutions. Social norms and values as the elements of the social organization of the group. Most important groups in the life of the individual. Characteristics of the basic social processes (adaptation, cooperation, conflict, disorganization, social mobility). Social problems of the Polish society in the period of political transformation. Research in social development. Elements of chosen theories of social development (Plato, Condorcet, Turgot, Popper). Social stratification (social classes). The society and its sociopolitical organization. Nation as a group having the features of a community. Nation and other contemporary ethnic groups. Bureaucracy in modern social institutions. Development of self-government institutions during transformation. Basic methods and techniques of sociological research.

3. Prerequisites

None

4. Aim of the course

The main goal is to show the complexity of the social reality, consisting of social groups, institutions, processes and phenomena. Presented methods and techniques of sociological research are also supposed to show the possibility of getting to know this reality. One of the goals of the course is also showing the possibility of using sociological knowledge in other social sciences.

5. Literature

1. B. Szacka, *Wprowadzenie do socjologii*. Warszawa, OW 2003
2. P. Sztompka *Socjologia. Analiza społeczeństwa*. Kraków, ZNAK 2002
3. Z. Polakowska-Kujawa (editor) *Socjologia ogólna*. SGH, Warszawa 1999

6. Type of the course

Obligatory

7. Teaching Team

Department of Sociology and Public Communication

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30	1	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance

Term assignments and coursework

10. Language

Polish

ECTS credits

5

1. Course name

Descriptive statistics

2. Course descriptionLecture

Basic aims and definitions in statistics: statistic research goals, functions of statistics, the definition of statistic population, statistic individual and variables, statistic material grouping and its presentation. Analysis of statistic populations on the basis of statistic parameters: stem plots and dot plots, distribution measures, coefficient of variation and asymmetry. Correlation and Regression of empirical distributions: correlation analysis between two variables, Spearman correlation, Pearson correlation, linear regression function, goodness of fit measures of regression line to empirical data. Time series analysis: the definition of time series, methods of time series smoothing, methods of trend identification (linear trend), fitting the trend to empirical data of time series, goodness of fit measures of trend and empirical data. Index analysis of time series: index classification, measures of mean increments, change of fixed base indexes into chain ones and the other way round, aggregate indexes of values, quantities and prices.

Classes

Examples of statistic individuals and variables, statistic material grouping and its presentation. Analysis of statistic populations on the basis of statistic parameters: stem plots and dot plots, distribution measures, coefficient of variation and asymmetry. Correlation and regression of empirical distributions: correlation analysis between two variables, Spearman correlation, Pearson correlation, linear regression function, goodness of fit measures of regression line to empirical data and forecasting on the basis of trend. Time series analysis: the definition of time series, methods of time series smoothing, methods of trend identification (linear trend), fitting the trend to empirical data of time series, goodness of fit measures of trend and empirical data. Index analysis of time series: index classification, increments, pace and dynamics indexes, measures of mean increments, change of fixed base indexes into chain ones and the other way round, mean dynamics, aggregate indexes of values, quantities and prices.

3. Prerequisites

Passed Maths

4. Aim of the course

Material: presentation of the possible usage of statistics in economics, introduction to basic methods of data statistics data analysis

Abilities: presentation and deepening of economic interpretation of outcomes in statistics.

5. Literature

1. Ostasiewicz S., Rusnak Z., Siedlecka U. : Statystyka. Elementy teorii i zadania, Wydawnictwo Akademii Ekonomicznej we Wrocławiu, Wyd. 5 popr. 2003.
2. Józwiak J., Podgórski J., Statystyka od podstaw. PWE .Warszawa 2000
3. Sobczyk M., Statystyka. Wyd. 4 zm. PWN. Warszawa 2002

6.Type of course

Obligatory

7.Teaching team

Accounting, finance and quantitative methods departments.

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	1	2
Classes	30/20	1	2
Laboratory			
Project			
Seminar			
Total student's workload	150		

9.Conditions of the course acceptance

lecture – written exam

practice - test

10.Language

Polish

ECTS credits

4

1. Course name

Corporate theory

2. Course description**Lecture**

1. Objective scope of corporate theory.
2. Development of corporate theory.
3. Definitions of enterprise and entrepreneur.
4. Forms of entrepreneurship.
5. Subjectivity of an enterprise (carrying of rights)
6. Objectives of an enterprise.
7. Groups of interests and objectives of an enterprise.
8. Employee participation in management.
9. Legal and organizational forms of enterprise.
10. Critical points on the lifeline of an enterprise.
11. Assets and sources of their financing.
12. Planning.
13. Methods of company valuation.
14. Company and the Market.
15. Criteria and methods of company evaluation.

3. Prerequisites

Microeconomics

4. Aim of the course**knowledge:** basic knowledge of the enterprise within the objective scope of corporate theory,**skills:** forming and evaluating of the processes within a company.**5. Literature**

1. Podstawy nauki o przedsiębiorstwie, red. Lichtarski J., Wydawnictwo Akademii Ekonomicznej we Wrocławiu, Wrocław 2003
2. Podstawy nauki o przedsiębiorstwie. Studium przypadków., red. Osbert-Pociecha G., Wydawnictwo Akademii Ekonomicznej we Wrocławiu, Wrocław 2002

6. Type of course

Obligatory

7. Teaching team

Department of Economy and Management

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/20	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance

credit, test

10. Language

Polish

ECTS credits

3

1. Course name

English

2. Course description**Thematic scope of the course:**

1. Autopresentation , telling about yourself in the professional context, about your future career ambitions, interests, contemporary world./ 4 hours
2. Earning a Living. / 8 hours
 - 2.1 Wages and living standards.
 - 2.2 Job roles and types- agriculture, industry, services.
 - 2.3 Applying for a job. Job interviews.
 - 2.4 Employer/ employee relationships.
3. Business correspondence. Practising writing memos. / 6 hours
4. Production and Sale of Goods and Services. / 8 hours
 - 4.1 Distribution: origin and destination of product.
 - 4.2 Retail and wholesale outlets: competition between small shops and supermarkets.
 - 4.3 New markets and products.
 - 4.4 Quality and customer service.

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2), needed in the cooperation with foreign business partners in the field of Business English taking into account preparation and practice for LCCI English for Business exams (preliminary level, level 1, level 2, level 3).

5. Literature

How to Pass English for Business Second Level. The Official LCCI Examinations Board Guide.
 Trappe, T., G. Tullis and Ch. Johnson. 2005. *Intelligent Business Intermediate*. Longman.
 Sweeney, S. 2000. Business English. *Marketing*. Longman.
 Flinders, S. 2000. Business English. *Intermediate*. Longman.
 McKellen, J.S. 2000. Business English. *General Usage*. Longman.
 Viney, P. and K. Viney. 1997. *Handshake. A Course In Communication*. Oxford University Press.
 Comfort, J. 1995. *Speaking Effectively*. Cambridge University Press.

6. Type of course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	60	3	2
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

Punkty ECTS

3

1. Course name

German

2. Course description**Thematic scope of the course:**

1. Welcoming guests to a company.
 - 1.1 Inviting guests – formal business correspondence.
 - 1.2 Autopresentation and presenting associates, job position names.
 - 1.3 Scope of duties – making description.
2. At workplace.
 - 2.1 Basic duties and activities at work.
 - 2.2 Telephone calls, leaving and conveying information.
 - 2.3 Office equipment.
3. Arranging a meeting.
 - 3.2 Arranging the date and time of the meeting.
 - 3.3 Day and week planning in the company calendar.
4. On a business trip.
 - 4.1 Means of transport: train , aeroplane.
 - 4.2 Train and flights connections - giving descriptions.
 - 4.3 Hotel reservations, checking into a hotel.

3. Prerequisites

none

4. Aim of the course

Acquisition of skills at A2 level helpful in language communication appropriate for the field of study of Business Management.

5. Literature

KONTAKT DEUTSCH, Kursbuch, Udo Miebs, Leena Vehovirta, wyd. Langenscheidt
 DEUTSCH IM BÜRO
 UNTERNEHMENSDEUTSCH

6. Type of course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	60	3	2
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS Credits

3

1. Course name

Russian

2. Course description:**Thematic scope of the course:**

1. Making contacts, introductions, giving personal information about oneself, family, friends, nationality and occupation, tabular and descriptive CV.
2. Personal outlook, parts of body, clothing, fashion, character features.
3. Daily routine (e.g. tutorials, at university, at faculty), leisure time, everyday activities, interests, style of living.
4. Means of communication: a telephone call, a fax, a letter, the Internet.
5. A flat – room, dormitory description; my town/ town plan, objects' location, asking/telling the way.
6. Travel- means of locomotion, a travel plan, travel agency, the railway station, the airport, accommodation.
7. Free time, leisure, interests, city sightseeing, going to the cinema/theatre.
8. The nature- climate, seasons of the year, weather forecast.
9. Shopping (e.g. gifts/souvenirs), and services, prices and money.
10. Meals- the restaurant, holidays and parties.
11. Health (at the doctor's, the pharmacy, healthy lifestyle).

3. Prerequisites

None

4. Aim of the course

Acquisition of language skills at A2 level, having regard for the skills helpful in situations of language communication appropriate for the field of study of Business Management.

5. Bibliography

H.Granatowska, *Как дела?* 1, wyd. Szkolne PWN, Warszawa 2002

R.Skiba, M.Szczepaniak, *Деловая речь. Dla rozpoczynających naukę od podstaw*, wyd. REA

M.Fidyk, T.Skup'-Stundis, *Nowe repetytorium z języka rosyjskiego*, Wyd. Szkolne PWN, Warszawa 2000

6. Type of the course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials	60	3	2
Laboratory			
Project			
Seminar			
Conversation classes			
Student total workload	180		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS credits

4

1. Course name

Business Finance

2. Course descriptionLecture and classes

Financial environment, financial markets, rate of interest. Time value of money, value and time, present value, future value, calculating of interest, the perpetuity. Financial statements, the income statement, the balance sheet, the funds flows, . Evaluating financial performance, financial ratios, liquidity ratios, activity ratios, profitability ratios, debt ratios. Financial analysis, shaping the financial structure, shaping the asset structure. The nature of risk, analyzing risk, probability calculations, the portfolio approach, portfolio diversification, The Capital Asset Pricing Model (CAPM). The management of debt, the management of current assets. Capital cost and capital structure, cost of common stock, cost of bonded, the concept of leverage, capital structure and leverage, the analysis of EBIT/EPS. The sources of capital, corporate bonds, common stock, liabilities. Budgeting capital, payback period length, the NPV method, the IRR method. The value of partnership, MVA and EVA methods, the management of value.

3.Prerequisites

Course of "Economics"

4.Aim of the course

The main goal of the lecture is the introduction students into the basic problems of finance. This course should provide the students a formal framework that enables them to run a small enterprises. In a free marketplace the manager, uses variants on the same procedures to accomplish the main goals. This course learns how a manager must operate with equal regard to balancing risk and returns, to planning cash flows and reach the profit.

5. Literature

5. Bień W. *Zarządzanie finansami przedsiębiorstwa*, Difin, Warszawa 2004
6. Brigham E.F. *Podstawy zarządzania finansami*, t.1-3, PWE, Warszawa 1998
7. Rutkowski A. *Zarządzanie finansami*, PWE, Warszawa 2005

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8.Course structure

Form	Number of hours	Semester	year
Lecture	15/30	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

9.Conditions of the course acceptance:

Lecture – examination, classes - written test are the conditions of ranking the classes

10.Language:

Polish

ECTS credits

1

1. Course name

Career management

2. Course descriptionLecture

- The concept and types of career
- Professional career and career related to the phases of life
- Planning career paths
- The definition of competence matrix for each position
- The system evolution as a tool for helping manage a career,
- training and development as a part of career management,
- Determinants of career in the organization
- Office careers and their importance for graduates of the university career

3. Prerequisites

Introduction to Management

4. Aim of the course

knowledge of methods and techniques of Career management

5. Literature

1. J. Biolos Zarządzanie karierą Wyd. Studio Emka Warszawa 2006
2. M. Suchar Kariera i rozwój Instytut Promocji Kadr ODDK Gdańsk 2003
3. A. Szałkowski Rozwój pracowników. Przesłanki, cele, instrumenty Wyd. Poltex Warszawa 2002

6. Type of course

Obligatory

7. Teaching team

Departament of Entrprise end Marketing Science

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	15		

9. Conditions of the course acceptance

lecture – writing examination - test

10. Language

Polish

ECTS credits

1

1. Course name

Financial Mathematics

2. Course description

1. The key definitions of financial mathematics: rate of interest (nominal, effective), accumulating, discounting.
2. Present value, future value.
3. Trade discount.
4. Nominal and real rates of interest, inflation.
5. Annuities, perpetuities.
6. Loans.
7. An introduction to the valuation of financial instruments.

3. Prerequisites

Completed courses in „Mathematics” and „Finance”

4. Aim of the course

To provide an understanding of the fundamental concepts of financial mathematics.

Students will be able to calculate the present and the future value of payments, to analyze loans and pension plans, to appraise the financial investment.

5. Literature

1. E. Smaga, *Financial Mathematics*, Wydawnictwo Naukowe PWN, Warszawa-Kraków, 2000.
2. W. Ronka-Chmielowiec, K. Kuziak, *The Basics of Financial Mathematics*, Wydawnictwo AE Wrocław, 2001.
3. M. Sobczyk, *Financial Mathematics*, Agencja Wydawnicza PLACET, Warszawa 2006.

6. Type of course

Obligatory

7. Teaching team

Department of Economy and Management

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes	15/10	4	2
Laboratory			
Project			
Seminar			
Total student's workload	105		

9. Conditions of the course acceptance

Lecture – written exam, classes - test

10. Language

Polish

Tourism and recreation

The profile of the Tourism and Recreation Organisation speciality graduate

The graduate of The Witelon University of Applied Sciences in Legnica completing the studies at Tourism Organisation and Recreation speciality, according to the Resolution of the Minister of Education and Sport dated on the 18th April 2002 year about defining the standards of teaching at particular directions of studies and the levels of teaching (with later amendments) will have the abilities and the general knowledge in satisfactory degree to work individually at the diverse posts. Then graduate will gain humanistic knowledge for the all-round cognition of people's needs, including man's aspirations reflected in the tourism and recreation, knowledge of nature giving the base for understanding the man's system- nature- motion activity. The graduate will be also equipped with the economic, organisational and legal knowledge which make able the estimation and the conscious use of the mechanism typical for the market economy.

Moreover, the graduate of this speciality will be equipped with the abilities which enable him:

- managing and both individual planning and carrying out the business in the scope of recreation tourism,
- individual preparation and realization of tourism and recreation performances,
- the natural getting in touch with people based on the abilities of using modern means of communication and speaking foreign languages fluently.

The graduate will be ready to take the posts in the units which serve tourist movement and recreation, to work in the hotels, holiday hotels, recreation centres, institutions and to work in the local government on the posts responsible for tourism and recreation development. Completing the Bachelor's studies the student will get the B.A degree in Tourism Organising and Recreation.

The Witelon University of Applied Sciences in Legnica additionally equips the graduate with the ability of practical managing, diagnosing, decision taking and the contact with clients by organising the 15-week trainings and employing the trainees as the didactic workers.

The profile of the Tourism and Hotel Management specialisation graduate.

The graduate of The Witelon University of Applied Sciences in Legnica completing the studies at the speciality Tourism and Hotel Management will acquire the knowledge which enable him to take work in the tourist institutions and the enterprises, the hotels, and the units which serve the tourist movement. The knowledge and the practical preparation obtained during the studies entitles to fulfil the managerial functions at the different levels of the Polish and international tourism and hotel management, as well as to start and manage own travel agencies, hotels and the holidays on the farm.

Agrotourism

The graduate of speciality the agrotourism will possess the basic natural knowledge, social the and organizacyjno - legal the as well as practical skills enabling in field of tourism the activity the and recreation from special regard on country areas the tourism. Peaceably with possessed knowledge and got during three - year - old studies graduates skills will be prepared to leadership of agro - touristic farm as well as to work on connected with tourism positions and recreation: in offices of trip, the hotels, rest centres, organizations of government administration and council, the social organizations, foundations and the associations.

To basic skills , which student will purchase in course of studies it one should was:

- the skill of leadership of own economic activity (the the agro - touristic farm)
- the organization on country areas the active forms of rest (np. the horse recreation, the angling, the hunting),
- the skill of farming and breeding of the unprofessional animals' species and decorative,
- advising in range of leadership of the agro - touristic farm.

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Full time

Recruitment: 2009

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Swimming	30		15				1		15				1	credit
2	Biological development of the human being	30	15	15				2							credit
3	Philosophy with ethics	30							15	15				3	exam
4	Phisical Education	30		15				1		15				1	credit
Basic subjects															
5	History of architecture and art	60	15	15				3	15	15				3	Exam, credit.
6	Economy	45							30	15				5	exam
7	Psychology	30	15	15				5							exam
8	Managment	45	30	15				5							exam
9	Law	30							15	15				3	credit
10	Phisiology of the human being	30							15	15				4	exam
Main subjects															
11	Tourist geography	45							30	15				3	credit
12	Elements of tourism	45	30	15				5							exam
13	Elements of recreation	45	15	30				5							exam
14	Touring/ sightseeing	30	15	15				3							credit
15	Hotel management	30							15	15				3	credit
16	Tourism and recreation in summer time	56								56				4	credit
Overall hours/ECTS credits			135	150	0	0	0	30	135	191	0	0	0	30	
Overall hours in semester (year)		611	285						326						

Industrial Safety – I semester 4h
Library training - I semester 4h
Practice 160h

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Full time

Recruitment: 2009

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language I	120		60				1		60				4	Credit, exam
2	Foereign language II	30								30				1	credit
3	Information technology	30		30				2							credit
4	Socjology	30	15	15				3							credit
5	Protection of intellectual property	10								10				1	credit
Basic subjects															
6	Ecology and environment protection	45	15	30				5							exam
Main subjects															
7	Service of tourism movement	60	15	45				6							exam
8	Economics of tourism and recreation	30	15	15				4							credit
9	Leisure time pedagogics	45	30	15				5							exam
10	Tourism and recreation in winter time	56		56				4							credit
Subjects for speciality															
11	Theory and methodology of recreation	60							30	30				4	exam
12	Motion recreation and improvement of movement	30								30				2	credit
13	Marketing of tourism and recreation services	30							15	15				3	credit
14	Tourism and recreation development	30							15	15				2	credit
15	Safety and rescue services in tourism and recreation	30							15	15				4	exam
16	Lecture at choice (the first)	15							15					2	credit
17	Lecture at choice (the second)	15							15					2	credit
18	Social communication in tourism and recreation	30							15	15				4	exam
19	Diploma seminar.	15											15	1	credit
Overall hours/ECTS credits			90	266	0	0	0	30	120	220	0	0	15	30	
Overall hours in semester (year)		711	356						355						

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Full time

Recruitment: 2009

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language II	60		60				4								exam
2	The basis of safety and the hygiene of work as well as the ergonomics	10	10					1								credit
Subjects for speciality																
3	Active tourism	60	15	15				2	15	15					3	Credit, exam
4	Motion recreation and improvement of movement	30		30				2								credit
5	Hygiene and promotion of health	45	30	15				5								exam
6	Tourism and recreation in country areas	45	30	15				5								exam
7	Silesia- regional and tourism geography	60	15	15				2	15	15					2	Credit, exam
8	Specialisation of instructor of motion recreation	90	30	30				4	15	15					3	Credit, exam
9	Lecture at choice (the first)	30	15					2	15						2	credit
10	Lecture at choice (the second)	30	15					2	15						2	credit
11	Organising and servicing tourism events	30								30					3	credit
12	Tourism and recreation for disabled people	30							15	15					2	credit
13	Lecture at choice in foreign language	30							30						2	credit
14	Diploma seminar.	60					30	1						30	1	credit
Diploma thesis															10	
Overall hours/ECTS credits			160	180	0	0	30	30	120	90	0	0	30	30		
Overall hours in semester (year)		610	370						240							

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Non-stationary

Recruitment: 2009

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Swimming	30		15				1		15				1	credit
2	Biological development of the human being	30	15	15				2							credit
3	Philosophy with ethics	30							15	15				3	exam
4	Phisical Education	30		15				1		15				1	credit
Basic subjects															
5	History of architecture and art	48	12	12				3	12	12				3	Exam, credit
6	Economy	45							30	15				5	exam
7	Psychology	30	15	15				5							exam
8	Managment	45	30	15				5							exam
9	Law	30							15	15				3	credit
10	Phisiology of the human being	30							15	15				4	exam
Main subjects															
11	Tourist geography	45							30	15				3	credit
12	Elements of tourism	45	30	15				5							exam
13	Elements of recreation	45	15	30				5							exam
14	Touring/ sightseeing	30	15	15				3							credit
15	Hotel management	30							15	15				3	credit
16	Tourism and recreation in summer time	56								56				4	credit
Overall hours/ECTS credits			132	147	0	0	0	30	132	188	0	0	0	30	
Overall hours in semester (year)		599	279						320						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Non-stationary

Recruitment: 2009

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language I	60		30				1		30				1	credit	
2	Information technology	30		30				2							credit	
3	Socjology	30	15	15				3							credit	
4	Protection of intellectual property	10								10				1	credit	
Basic subjects																
5	Ecology and environment protection	45	15	30				5							exam	
Main subjects																
6	Service of tourism movement	60	15	45				6							exam	
7	Economics of tourism and recreation	30	15	15				4							credit	
8	Leisure time pedagogics	45	30	15				5							exam	
9	Tourism and recreation in winter time	56		56				4							credit	
Subjects for speciality																
10	Theory and methodology of recreation	32							16	16				5	exam	
11	Motion recreation and improvement of movement	15								15				2	credit	
12	Marketing of tourism and recreation services	16							8	8				3	credit	
13	Tourism and recreation development	16							8	8				3	credit	
14	Subject at choice	24							12	12				5	exam	
15	Lecture at choice (the first)	8							8					2	credit	
16	Lecture at choice (the second)	8							8					2	credit	
17	Social communication in tourism and recreation	16							8	8				5	exam	
18	Diploma seminar.	10											10	1	credit	
Overall hours/ECTS credits			90	236	0	0	0	30	68	107	0	0	10	30		
Overall hours in semester (year)		511	326						185							

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Non-stationary

Recruitment: 2009

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language II	60		30				1		30				2	exam	
2	The basis of safety and the hygiene of work as well as the ergonomics	10	10					1							credit	
Subjects for speciality																
3	Active tourism	32	8	8				2	8	8				3	Credit, exam	
4	Motion recreation and improvement of movement	15		15				2							credit	
5	Hygiene and promotion of health	24	14	10				5							exam	
6	Tourism and recreation in country areas	24	14	10				5							exam	
7	Silesia- regional and tourism geography	32	8	8				2	8	8				3	Credit, exam	
8	Specialisation of instructor of motion recreation	72	24	24				4	12	12				3	Credit, exam	
9	Lecture at choice (the first)	16	8					2	8					2	credit	
10	Lecture at choice (the second)	8	8					2							credit	
11	Organising and servicing tourism events	30								30				3	credit	
12	Tourism and recreation for disabled people	16							8	8				3	credit	
13	Lecture at choice	20	10	10				3							credit	
14	Diploma seminar.	40					20	1					20	1	credit	
Diploma thesis														10		
Overall hours/ECTS credits			104	115	0	0	20	30	44	96	0	0	20	30		
Overall hours in semester (year)		399	239						160							

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Full time

Recruitment: 2008

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Swimming	30		15				1		15				1	credit
2	Biological development of the human being	30	15	15				2							credit
3	Philosophy with ethics	30							15	15				4	exam
4	Phisical Education	30		15				1		15				1	credit
Basic subjects															
5	History of architecture and art	60	15	15				3	15	15				3	Exam, credit
6	Economy	45							30	15				4	exam
7	Psychology	30	15	15				5							exam
8	Managment	45	30	15				5							exam
9	Law	30							15	15				3	credit
10	Phisiology of the human being	30							15	15				3	exam
Main subjects															
11	Tourist geography	45							30	15				3	credit
12	Elements of tourism	45	30	15				5							exam
13	Elements of recreation	45	15	30				5							exam
14	Touring/ sightseeing	30	15	15				3							credit
15	Hotel management	30							15	15				3	credit
16	Tourism and recreation in summer time	56								56				3	credit
Practice		200							200					2	credit
Overall hours/ECTS credits			135	150	0	0	0	30	135	191	0	0	0	30	
Overall hours in semester (year)		611	285						326						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Full time

Recruitment: 2008

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language I	120		60				1		60				4	Credit, exam	
2	Foereign language II	30								30				1	credit	
3	Information technology	30		30				2							credit	
4	Socjology	30	15	15				3							credit	
5	Protection of intellectual property	10								10				1	credit	
Basic subjects																
6	Ecology and environment protection	45	15	30				5							exam	
Main subjects																
7	Service of tourism movement	60	15	45				6							exam	
8	Economics of tourism and recreation	30	15	15				4							credit	
9	Leisure time pedagogics	45	30	15				5							exam	
10	Tourism and recreation in winter time	56		56				3							credit	
Subjects for speciality																
11	Theory and methodology of recreation	60							30	30				4	exam	
12	Motion recreation and improvement of movement	60		30				1		30				2	credit	
13	Marketing of tourism and recreation services	30							15	15				2	credit	
14	Tourism and recreation development	30							15	15				2	credit	
15	Safety and rescue services in tourism and recreation	45							15	30				4	exam	
16	Lecture at choice (the first)	15							15					2	credit	
17	Lecture at choice (the second)	30							15	15				3	exam	
18	Social communication in tourism and recreation	15							15					2	credit	
19	Diploma seminar.	15											15	1	credit	
Practice		200							200						credit	
Overall hours/ECTS credits				90	296	0	0	0	30	130	225	0	0	15	30	
Overall hours in semester (year)			756	386					370							

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Recruitment: 2008

Full time

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language II	60		60				3								exam
Subjects for speciality																
2	Active tourism	60	15	15				2	15	15				3		Credit, exam
3	Hygiene and promotion of health	45	30	15				6								Exam
4	Tourism and recreation in country areas	45	30	15				6								Exam
5	Silesia- regional and tourism geography	60	15	15				2	15	15				2		Credit, exam
6	Socialisation of innstructor of motion recreation	90	30	30				4	15	15				3		Credit, exam
7	Lecture at choice (the first)	30	15					3	15					2		credit
8	Social communication in tourism and recreation	30	15					3	15					2		credit
9	Organising and servicing tourism events	30							6	24				2		credit
10	Tourism and recreation for disabled people	30							15	15				2		credit
11	Lecture at choice in foreign language	30							15	15				3		credit
12	Diploma seminar.	60					30	1					30	1		credit
Diploma thesis														10		
Overall hours/ECTS credits			150	150	0	0	30	30	126	84	0	0	30	30		
Overall hours in semester (year)		570	330						240							

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Non-stationary

Recruitment: 2008

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Swimming	30		15				1		15				1	credit
2	Biological development of the human being	30	15	15				3							credit
3	Philosophy with ethics	30							15	15				4	exam
4	Phisical Education	30		15				1		15				1	credit
Basic subjects															
5	History of architecture and art	48	12	12				2	12	12				3	Exam, credit
6	Economy	45							30	15				4	exam
7	Psychology	30	15	15				5							exam
8	Managment	45	30	15				5							exam
9	Law	30							15	15				3	credit
10	Phisiology of the human being	30							15	15				3	exam
Main subjects															
11	Tourist geography	45							30	15				3	credit
12	Elements of tourism	45	30	15				5							exam
13	Elements of recreation	45	15	30				5							exam
14	Touring/ sightseeing	30	15	15				3							credit
15	Hotel management	30							15	15				3	credit
16	Tourism and recreation in summer time	56								56				3	exam
Practice		120							120					2	credit
Overall hours/ECTS credits			132	147	0	0	0	30	132	188	0	0	0	30	
Overall hours in semester (year)		599	279						320						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Non-stationary

Recruitment: 2008

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language I	60		30				1		30				1	credit
2	Information technology	30		30				2							credit
3	Socjology	30	15	15				3							credit
4	Protection of intellectual property	10								10				1	credit
Basic subjects															
5	Ecology and environment protection	45	15	30				6							exam
Main subjects															
6	Service of tourism movement	60	15	45				6							exam
7	Economics of tourism and recreation	30	15	15				4							credit
8	Leisure time pedagogics	45	30	15				5							exam
9	Tourism and recreation in winter time	56		56				3							exam
Subjects for speciality															
10	Theory and methodology of recreation	32							16	16				5	exam
11	Motion recreation and improvement of movement	30		15				1		15				2	credit
12	Marketing of tourism and recreation services	16							8	8				3	credit
13	Tourism and recreation development	18							8	10				3	credit
14	Safety and rescue services in tourism and recreation	24							10	14				4	exam
15	Lecture at choice (the first)	8							8					2	credit
16	Lecture at choice (the second)	8							8					2	credit
17	Social communication in tourism and recreation	16							8	8				4	exam
18	Diploma seminar.	10											10	1	credit
Practice		120							120					2	credit
Overall hours/ECTS credits			90	251	0	0	0	30	76	101	0	0	10	30	
Overall hours in semester (year)		528	341						187						

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Recruitment: 2008

Non-stationary

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language I	60		30				1		30				2	exam	
Subjects for speciality																
2	Active tourism	32	8	8				3	8	8				3	Credit, exam	
3	Hygiene and promotion of health	24	14	10				6							exam	
4	Tourism and recreation in country areas	24	14	10				6							exam	
5	Silesia- regional and tourism geography	32	8	8				3	8	8				2	Credit, exam	
6	Socialisation of innstructor of motion recreation	72	24	24				4	12	12				3	Credit, exam	
7	Lecture at choice (the first)	16	8					3	8					2	credit	
8	Lecture at choice (the second)	16	8					3	8					2	credit	
9	Organising and servicing tourism events	30							6	24				2	credit	
10	Tourism and recreation for disabled people	16							8	8				2	credit	
11	Diploma seminar	40					20	1					20	2	credit	
Dimploma thesis														10		
Overall hours/ECTS credits				84	90	0	0	20	30	58	90	0	0	20	30	
Overall hours in semester (year)		362	194						168							

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Full time

Recruitment: 2007

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Swimming	30		15						15				1	credit
2	Biological development of the human being	30	15	15				4							credit
3	Philosophy with ethics	30							15	15				4	exam
4	Phisical Education	30		15						15				1	credit
Basic subjects															
5	History of architecture and art	60	15	15				1	15	15				3	Exam, credit
6	Economy	45							30	15				4	exam
7	Psychology	30	15	15				5							exam
8	Managment	45	30	15				5							exam
9	Law	30							15	15				3	credit
10	Phisiology of the human being	30							15	15				3	exam
Main subjects															
11	Tourist geography	45							30	15				3	credit
12	Elements of tourism	45	30	15				5							exam
13	Elements of recreation	45	15	30				6							exam
14	Touring/ sightseeing	30	15	15				4							credit
15	Hotel management	30							15	15				3	credit
16	Tourism and recreation in summer time	56								56				3	credit
Practice		200							200					2	credit
Overall hours/ECTS credits			135	150	0	0	0	30	135	191	0	0	0	30	
Overall hours in semester (year)		611	285						326						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Full time

Recruitment: 2007

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language I	120		60				1		60				4	Credit, exam	
2	Foereign language II	45								45				1	credit	
3	Information technology	30		30				2							credit	
4	Socjology	30	15	15				3							credit	
5	Protection of intellectual property	10								10				1	credit	
Basic subjects																
6	Ecology and environment protection	45	15	30				4							exam	
Main subjects																
7	Service of tourism movement	60	15	45				6							exam	
8	Economics of tourism and recreation	30	15	15				4							credit	
9	Leisure time pedagogics	45	30	15				7							exam	
10	Tourism and recreation in winter time	56		56				3							credit	
Subjects for speciality																
11	Theory and methodology of recreation	60							30	30				4	exam	
12	Motion recreation and improvement of movement	30								30				2	credit	
13	Marketing of tourism and recreation services	30							15	15				2	credit	
14	Tourism and recreation development	30							15	15				2	credit	
15	Safety and rescue services in tourism and recreation	45							15	30				4	exam	
16	Lecture at choice (the first)	15							15					2	credit	
17	Lecture at choice (the second)	30							15	15				3	exam	
18	Social communication in tourism and recreation	15							15					2	credit	
19	Diploma seminar.	15											15	1	credit	
Practice		200							200						credit	
Overall hours/ECTS credits				90	266	0	0	0	30	130	240	0	0	15	30	
Overall hours in semester (year)			741	356					385							

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Full time

Recruitment: 2007

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language II	45		45				3								exam
Subjects for speciality																
2	Active tourism	60	15	15				2	15	15				3	Credit, exam	
3	Motion recreation and improvement of movement	30		30				2							credit	
4	Hygiene and promotion of health	45	30	15				6							exam	
5	Tourism and recreation in country areas	45	30	15				6							exam	
6	Silesia- regional and tourism geography	60	15	15				2	15	15				3	Credit, exam	
7	Secialisation of innstructor of motion recreation	90	30	30				2	15	15				3	Credit, exam	
8	Lecture at choice (the first)	30	15					3	15					2	credit	
9	Social communication in tourism and recreation	30	15					3	15					2	credit	
10	Organising and servicing tourism events	30							6	24				2	credit	
11	Tourism and recreation for disabled people	30							30					2	credit	
12	Lecture at choice in foreign language	30							15	15				3	exam	
13	Diploma seminar.	60					30	1					30	1	credit	
Diploma thesis														10		
Overall hours/ECTS credits			150	165	0	0	30	30	126	84	0	0	30	31		
Overall hours in semester (year)		610	345						240							

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Non-stationary

Recruitment: 2007

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Swimming	30		15						15				1	credit
2	Biological development of the human being	30	15	15				4							credit
3	Philosophy with ethics	30							15	15				4	exam
4	Phisical Education	30		15						15				1	credit
Basic subjects															
5	History of architecture and art	48	12	12				1	12	12				3	Exam, credit
6	Economy	45							30	15				4	exam
7	Psychology	30	15	15				5							exam
8	Managment	45	30	15				5							exam
9	Law	30							15	15				3	credit
10	Phisiology of the human being	30							15	15				3	exam
Main subjects															
11	Tourist geography	45							30	15				3	credit
12	Elements of tourism	45	30	15				5							exam
13	Elements of recreation	45	15	30				6							exam
14	Touring/ sightseeing	30	15	15				4							credit
15	Hotel management	30							15	15				3	credit
16	Tourism and recreation in summer time	56								56				3	exam
Practice		200							200						
Overall hours/ECTS credits			132	147	0	0	0	30	132	188	0	0	0	30	
Overall hours in semester (year)		599	279						320						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Non-stationary

Recruitment: 2007

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language I	40								40				1	credit
2	Information technology	30		30				2							credit
3	Socjology	30	15	15				3							credit
4	Protection of intellectual property	10								10				1	credit
Basic subjects															
5	Ecology and environment protection	45	15	30				5							exam
Main subjects															
6	Service of tourism movement	60	15	45				6							exam
7	Economics of tourism and recreation	30	15	15				4							credit
8	Leisure time pedagogics	45	30	15				7							exam
9	Tourism and recreation in winter time	56		56				3							exam
Subjects for speciality															
10	Theory and methodology of recreation	32							16	16				4	exam
11	Motion recreation and improvement of movement	30								15				2	credit
12	Marketing of tourism and recreation services	16							8	8				3	credit
13	Tourism and recreation development	18							8	10				3	credit
14	Safety and rescue services in tourism and recreation	24							10	14				4	exam
15	Lecture at choice (the first)	8							8					3	credit
16	Lecture at choice (the second)	8							8					3	credit
17	Social communication in tourism and recreation	16							8	8				4	exam
18	Diploma seminar.	10											10	1	credit
Practice		200							200					2	credit
Overall hours/ECTS credits			90	206	0	0	0	30	76	111	0	0	10	31	
Overall hours in semester (year)		493	296						197						

Major: Tourism and recreation

Specialization: Organisation of tourism and recreation

Non-stationary

Recruitment: 2007

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language I	80		40				1		40				3	Credit, exam
Subjects for speciality															
2	Active tourism	32	8	8				2	8	8				3	Credit, exam
3	Hygiene and promotion of health	24	14	10				6							exam
4	Tourism and recreation in country areas	24	14	10				6							exam
5	Silesia- regional and tourism geography	32	8	8				2	8	8				3	Credit, exam
6	Socialisation of innstructor of motion recreation	72	24	24				2	12	12				3	Credit, exam
7	Lecture at choice (the first)	16	8					3	8					2	credit
8	Lecture at choice (the second)	16	8					3	8					2	credit
9	Organising and servicing tourism events	30							6	24				2	credit
10	Motion recreation and improvement of movement	15		15				3							credit
11	Tourism and recreation for disabled people	16							8	8				2	credit
12	Diploma seminar.	40					20	1					20	2	credit
Diploma thesis														10	
Overall hours/ECTS credits			84	115	0	0	20	30	58	100	0	0	20	30	
Overall hours in semester (year)		397	219						178						

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2009

Full time

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Swimming	30		15				1		15				1	credit
2	Biological development of the human being	30	15	15				2							credit
3	Philosophy with ethics	30							15	15				3	exam
4	Phisical Education	30		15				1		15				1	credit
Basic subjects															
5	History of architecture and art	60	15	15				3	15	15				3	Exam, credit
6	Economy	45							30	15				5	exam
7	Psychology	30	15	15				5							exam
8	Managment	45	30	15				5							exam
9	Law	30							15	15				3	credit
10	Phisiology of the human being	30							15	15				4	exam
Main subjects															
11	Tourist geography	45							30	15				3	credit
12	Elements of tourism	45	30	15				5							exam
13	Elements of recreation	45	15	30				5							exam
14	Touring/ sightseeing	30	15	15				3							credit
15	Hotel management	30							15	15				3	credit
16	Tourism and recreation in summer time	56								56				4	credit
Overall hours/ECTS credits			135	150	0	0	0	30	135	191	0	0	0	30	
Overall hours in semester (year)		611	285						326						

Industrial Safety – I semester 4h
Library training - I semester 4h
Practice 160h

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2009

Full time

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language I	120		60				1		60				4	Credit, exam
2	Foereign language II	30								30				1	credit
3	Information technology	30		30				2							credit
4	Socjology	30	15	15				3							credit
5	Protection of intellectual property	10								10				1	credit
Basic subjects															
6	Ecology and environment protection	45	15	30				5							exam
Main subjects															
7	Service of tourism movement	60	15	45				6							exam
8	Economics of tourism and recreation	30	15	15				4							credit
9	Leisure time pedagogics	45	30	15				5							exam
10	Tourism and recreation in winter time	56		56				4							credit
Subjects for speciality															
11	Organisation and technique of work in hotel managment	45							30	15				4	exam
12	Tourism pilotage and guideship	30							15	15				2	credit
13	IT in tourism and hotel mamagment	30								30				2	credit
14	Tourism and recreation development	30							15	15				2	credit
15	International tourism movement	30							15	15				2	credit
16	Marketing of tourism and recreation services	30							15	15				3	credit
17	Social communication in tourism and hotel management	30							15	15				4	exam
18	Lecture at choice (the first)	15							15					2	credit
19	Lecture at choice (the second)	15							15					2	credit
20	Diploma seminar.	15											15	1	credit
Overall hours/ECTS credits			90	266	0	0	0	30	120	220	0	0	15	30	
Overall hours in semester (year)		711	356						355						

Major: Tourism and recreation

Specialization: Tourism and hotel management

Full time

Recruitment: 2009

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language II	60		60				4								exam
2	The basis of safety and the hygiene of work as well as the ergonomics	10	10					1								credit
Subjects for speciality																
3	Active tourism	60	15	15				2	15	15					3	Credit, exam
4	Silesia- regional and tourism geography	60	15	15				2	15	15					3	Credit, exam
5	Accountancy and finance in tourism	30	15	15				2								credit
6	Hygiene in tourism and hotel managment	30	15	15				2								credit
7	Tourism and recreation in country areas	45	30	15				5								exam
8	Organising and servicing tourism events	30								30					3	credit
9	Podstawy eko-prawne działalności hotelarskiej	45	15	30				5								exam
10	Gastronomy in tourism and hotel managment	30		30				2								credit
11	Lecture at choice (the first)	30	15					2	15						2	credit
12	Lecture at choice (the second)	30	15					2	15						2	credit
13	Subject at choice	45							15	30					4	credit
14	Lecture at choice in foreign language	30							30						2	credit
15	Diploma seminar.	60					30	1						30	1	credit
Diploma thesis															10	
Overall hours/ECTS credits			145	195	0	0	30	30	105	90	0	0	30	30		
Overall hours in semester (year)		595	370						225							

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2009

Non-stationary

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Swimming	30		15				1		15				1	credit
2	Biological development of the human being	30	15	15				2							credit
3	Philosophy with ethics	30							15	15				3	exam
4	Phisical Education	30		15				1		15				1	credit
Basic subjects															
5	History of architecture and art	48	12	12				3	12	12				3	Exam, credit
6	Economy	45							30	15				5	exam
7	Psychology	30	15	15				5							exam
8	Managment	45	30	15				5							exam
9	Law	30							15	15				3	credit
10	Phisiology of the human being	30							15	15				4	exam
Main subjects															
11	Tourist geography	45							30	15				3	credit
12	Elements of tourism	45	30	15				5							exam
13	Elements of recreation	45	15	30				5							exam
14	Touring/ sightseeing	30	15	15				3							credit
15	Hotel management	30							15	15				3	credit
16	Tourism and recreation in summer time	56								56				4	credit
Overall hours/ECTS credits			132	147	0	0	0	30	132	188	0	0	0	30	
Overall hours in semester (year)		599	279						320						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2009

Non-stationary

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language I	60		30				1		30				1	credit
2	Information technology	30		30				2							credit
3	Socjology	30	15	15				3							credit
4	Protection of intellectual property	10								10				1	credit
Basic subjects															
5	Ecology and environment protection	45	15	30				5							exam
Main subjects															
6	Service of tourism movement	60	15	45				6							exam
7	Economics of tourism and recreation	30	15	15				4							credit
8	Leisure time pedagogics	45	30	15				5							exam
9	Tourism and recreation in winter time	56		56				4							credit
Subjects for speciality															
10	Organisation and technique of work in hotel managment	24							14	10				4	exam
11	Tourism pilotage and guideship	16							8	8				3	credit
12	IT in tourism and hotel mamagment	14								14				3	credit
13	Tourism and recreation development	16							8	8				3	credit
14	International tourism movement	16							8	8				2	credit
15	Marketing of tourism and recreation services	16							8	8				3	credit
16	Social communication in tourism and hotel managment	16							8	8				5	exam
17	Lecture at choice (the first)	8							8					2	credit
18	Lecture at choice (the second)	8							8					2	credit
19	Diploma seminar.	10											10	1	credit
Overall hours/ECTS credits			90	236	0	0	0	30	70	104	0	0	10	30	
Overall hours in semester (year)		510	326						184						

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2009

Non-stationary

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language II	60		30				1		30				2	exam
2	The basis of safety and the hygiene of work as well as the ergonomics	10	10					1							credit
Subjects for speciality															
3	Active tourism	32	8	8				2	8	8				3	Credit, exam
4	Silesia- regional and tourism geography	32	8	8				2	8	8				3	Credit, exam
5	Accountancy and finance in tourism	16	8	8				3							credit
6	Hygiene in tourism and hotel managment	16	8	8				3							credit
7	Tourism and recreation in country areas	24	14	10				5							exam
8	Organising and servicing tourism events	30								30				3	credit
9	Podstawy eko-prawne działalności hotelarskiej	24	10	14				3							exam
10	Gastronomy in tourism and hotel managment	14		14				2							credit
11	Lecture at choice (the first)	16	8					2	8					2	credit
12	Lecture at choice (the second)	16	8					2	8					2	credit
13	Subject at choice	40	10	10				3	10	10				4	Credit, exam
14	Diploma seminar	40					20	1					20	1	credit
Diploma thesis														10	
Overall hours/ECTS credits			102	110	0	0	20	30	42	86	0	0	20	30	
Overall hours in semester (year)		380	232						148						

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2008

Full time

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Swimming	30		15				1		15				1	credit	
2	Biological development of the human being	30	15	15				2							credit	
3	Philosophy with ethics	30							15	15				4	exam	
4	Phisical Education	30		15				1		15				1	credit	
Basic subjects																
5	History of architecture and art	60	15	15				3	15	15				3	Exam, credit	
6	Economy	45							30	15				4	exam	
7	Psychology	30	15	15				5							exam	
8	Managment	45	30	15				5							exam	
9	Law	30							15	15				3	credit	
10	Phisiology of the human being	30							15	15				4	exam	
Main subjects																
11	Tourist geography	45							30	15				2	credit	
12	Elements of tourism	45	30	15				5							exam	
13	Elements of recreation	45	15	30				5							exam	
14	Touring/ sightseeing	30	15	15				3							credit	
15	Hotel management	30							15	15				3	credit	
16	Tourism and recreation in summer time	56								56				3	exam	
Practice		200							200					2	credit	
Overall hours/ECTS credits				135	150	0	0	0	30	135	191	0	0	0	30	
Overall hours in semester (year)			611	285					326							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Tourism and hotel management

Full time

Recruitment: 2008

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language I	120		60				1		60				4	Credit, exam	
2	Foereign language II	30								30				1	credit	
3	Information technology	30		30				2							credit	
4	Socjology	30	15	15				3							credit	
5	Protection of intellectual property	10							10					1	credit	
Basic subjects																
6	Ecology and environment protection	45	15	30				5							exam	
Main subjects																
7	Service of tourism movement	60	15	45				6							exam	
8	Economics of tourism and recreation	30	15	15				4							credit	
9	Leisure time pedagogics	45	30	15				5							exam	
10	Tourism and recreation in winter time	56		56				4							exam	
Subjects for speciality																
11	Organisation and technique of work in hotel management	45							30	15				3	exam	
12	Tourism pilotage and guideship	30							15	15				2	credit	
13	IT in tourism and hotel mamagment	30								30				2	credit	
14	Tourism and recreation development	30							15	15				2	credit	
15	International tourism movement	30							15	15				2	credit	
16	Marketing of tourism and recreation services	30							15	15				2	credit	
17	Social communication in tourism and hotel managment	30							15	15				4	exam	
18	Lecture at choice (the first)	15							15					2	credit	
19	Lecture at choice (the second)	15							15					2	credit	
20	Diploma seminar.	15											15	1	credit	
Practice		200							200					2	credit	
Overall hours/ECTS credits				90	296	0	0	0	30	130	225	0	0	15	30	
Overall hours in semester (year)			756	386					370							

Major: Tourism and recreation

Specialization: Tourism and hotel management

Full time

Recruitment: 2008

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language II	60		60				3							exam
Subjects for speciality															
2	Active tourism	60	15	15				2	15	15				3	Credit, exam
3	Silesia- regional and tourism geography	60	15	15				2	15	15				3	Credit,exam
4	Accountancy and finance in tourism	30	15	15				2							credit
5	Hygiene in tourism and hotel managment	30	15	15				2							credit
6	Tourism and recreation in country areas	45	30	15				5							exam
7	Organising and servicing tourism events	30							6	24				3	credit
8	Safety and rescue services in tourism and recreation	45	15	30				5							exam
9	Gastronomy in tourism and hotel managment	30		30				2							credit
10	Lecture at choice (the first)	30	15					3	15					2	credit
11	Lecture at choice (the second)	30	15					3	15					2	credit
12	Subject at choice	45							15	30				3	credit
13	Lecture at choice in foreign language	30							30					3	credit
14	Diploma seminar.	60					30	1					30	1	credit
Diploma thesis														10	
Overall hours/ECTS credits			135	195	0	0	30	30	111	96	0	0	30	30	
Overall hours in semester (year)		585	360						225						

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2008

Non-stationary

Year I

No.	Name of subject	Hours	Semestr 1					ECTS	Semestr 2					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Swimming	30		15				1		15				1	credit	
2	Biological development of the human being	30	15	15				3							credit	
3	Philosophy with ethics	30							15	15				4	exam	
4	Phisical Education	30		15				1		15				1	credit	
Basic subjects																
5	History of architecture and art	48	12	12				2	12	12				3	Exam, credit	
6	Economy	45							30	15				4	exam	
7	Psychology	30	15	15				5							exam	
8	Managment	45	30	15				5							exam	
9	Law	30							15	15				3	credit	
10	Phisiology of the human being	30							15	15				4	exam	
Main subjects																
11	Tourist geography	45							30	15				2	credit	
12	Elements of tourism	45	30	15				5							exam	
13	Elements of recreation	45	15	30				5							exam	
14	Touring/ sightseeing	30	15	15				3							credit	
15	Hotel management	30							15	15				3	credit	
16	Tourism and recreation in summer time	56								56				3	exam	
Practice		120							120					2	credit	
Overall hours/ECTS credits				132	147	0	0	0	30	132	188	0	0	0	30	
Overall hours in semester (year)			599	279					320							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2008

Non-stationary

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language I	60		30				1		30				1	credit
2	Information technology	30		30				2							credit
3	Socjology	30	15	15				3							credit
4	Protection of intellectual property	10							10					1	credit
Basic subjects															
5	Ecology and environment protection	45	15	30				6							exam
Main subjects															
6	Service of tourism movement	60	15	45				6							exam
7	Economics of tourism and recreation	30	15	15				4							credit
8	Leisure time pedagogics	45	30	15				5							exam
9	Tourism and recreation in winter time	56		56				3							exam
Subjects for speciality															
10	Organisation and technique of work in hotel managment	24							14	10				4	exam
11	Tourism pilotage and guideship	16							8	8				3	credit
12	IT in tourism and hotel mamagment	14								14				2	credit
13	Tourism and recreation development	16							8	8				3	credit
14	International tourism movement	16							8	8				2	credit
15	Marketing of tourism and recreation services	16							8	8				3	credit
16	Social communication in tourism and hotel managment	24							10	14				4	exam
17	Lecture at choice (the first)	8							8					2	credit
18	Lecture at choice (the second)	8							8					2	credit
19	Diploma seminar.	10											10	1	credit
Practice		120							120					2	credit
Overall hours/ECTS credits			90	236	0	0	0	30	82	110	0	0	10	30	
Overall hours in semester (year)		518	326						192						

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2008

Non-stationary

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language I	60		30				1		30				2	Credit, exam
Subjects for speciality															
3	Active tourism	32	8	8				2	8	8				3	Credit, exam
4	Silesia- regional and tourism geography	32	8	8				2	8	8				3	Credit, exam
5	Accountancy and finance in tourism	16	8	8				3							credit
6	Hygiene in tourism and hotel managment	16	8	8				3							credit
7	Tourism and recreation in country areas	24	14	10				4							exam
8	Organising and servicing tourism events	30							6	24				3	credit
9	Safety and rescue services in tourism and recreation	24	10	14				4							exam
10	Gastronomy in tourism and hotel managment	14		14				3							credit
11	Lecture at choice (the first)	16	8					2	8					2	credit
12	Lecture at choice (the second)	16	8					2	8					2	credit
13	Subject at choice	40	10	10				3	10	10				3	Credit, exam
14	Diploma seminar	40					20	1					20	2	credit
Diploma thesis														10	
Overall hours/ECTS credits			82	110	0	0	20	30	48	80	0	0	20	30	
Overall hours in semester (year)		360	212						148						

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2007

Full time

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Swimming	30		15						15				1	credit	
2	Biological development of the human being	30	15	15				4							credit	
3	Philosophy with ethics	30							15	15				4	exam	
4	Phisical Education	30		15						15				1	credit	
Basic subjects																
5	History of architecture and art	60	15	15				1	15	15				3	Exam, credit	
6	Economy	45							30	15				4	exam	
7	Psychology	30	15	15				5							exam	
8	Managment	45	30	15				5							exam	
9	Law	30							15	15				3	credit	
10	Phisiology of the human being	30							15	15				3	exam	
Main subjects																
11	Tourist geography	45							30	15				3	credit	
12	Elements of tourism	45	30	15				5							exam	
13	Elements of recreation	45	15	30				6							exam	
14	Touring/ sightseeing	30	15	15				4							credit	
15	Hotel management	30							15	15				3	credit	
16	Tourism and recreation in summer time	56								56				3	exam	
Practice		200							200					2	credit	
Overall hours/ECTS credits				135	150	0	0	0	30	135	191	0	0	0	30	
Overall hours in semester (year)			611	285					326							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2007

Full time

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language I	120		60				1		60				4	Credit, exam	
2	Foereign language II	45								45				1	credit	
3	Information technology	30		30				2							credit	
4	Socjology	30	15	15				3							credit	
5	Protection of intellectual property	10							10					1	credit	
Basic subjects																
6	Ecology and environment protection	45	15	30				4							exam	
Main subject																
7	Service of tourism movement	60	15	45				6							exam	
8	Economics of tourism and recreation	30	15	15				4							credit	
9	Leisure time pedagogics	45	30	15				7							exam	
10	Tourism and recreation in winter time	56		56				3							exam	
Subjects for speciality																
11	Organisation and technique of work in hotel managment	45							30	15				3	exam	
12	Tourism pilotage and guideship	30							15	15				3	credit	
13	IT in tourism and hotel mamagment	30								30				3	credit	
14	Tourism and recreation development	30							15	15				2	credit	
15	International tourism movement	30							15	15				3	credit	
16	Marketing of tourism and recreation services	30							15	15				2	credit	
17	Social communication in tourism and hotel managment	45							15	30				4	exam	
18	Lecture at choice (the first)	15							15					2	credit	
19	Lecture at choice (the second)	15							15					2	credit	
20	Diploma seminar.	15											15	1	credit	
Practice		200							200					2	credit	
Overall hours/ECTS credits			90	266	0	0	0	30	145	240	0	0	15	30		
Overall hours in semester (year)		756	356						400							

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2007

Full time

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language II	45		45				3								exam
Subjects for speciality																
3	Active tourism	60	15	15				2	15	15					3	Credit, exam
4	Silesia- regional and tourism geography	60	15	15				2	15	15					3	Credit, exam
5	Accountancy and finance in tourism	30	15	15				3								credit
6	Hygiene in tourism and hotel managment	30	15	15				3								credit
7	Tourism and recreation in country areas	45	30	15				5								exam
8	Organising and servicing tourism events	30							6	24					3	credit
9	Safety and rescue services in tourism and recreation	45	15	30				5								exam
10	Gastronomy in tourism and hotel managment	30		30				4								credit
11	Lecture at choice (the first)	30	15					3	15						2	credit
12	Lecture at choice (the second)	30	15					3	15						2	credit
13	Subject at choice	45							15	30					3	credit
14	Lecture at choice in foreign language	30							30						3	credit
15	Diploma seminar	60					30	1						30	1	credit
Diploma thesis															10	
Overall hours/ECTS credits				135	180	0	0	30	34	111	84	0	0	30	30	
Overall hours in semester (year)		570	345						225							

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2007

Non-stationary

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Swimming	30		15						15				1	credit	
2	Biological development of the human being	30	15	15				4							credit	
3	Philosophy with ethics	30							15	15				4	exam	
4	Phisical Education	30		15						15				1	credit	
Basic subjects																
5	History of architecture and art	48	12	12				1	12	12				3	Exam, credit	
6	Economy	45							30	15				4	exam	
7	Psychology	30	15	15				5							exam	
8	Managment	45	30	15				5							exam	
9	Law	30							15	15				3	credit	
10	Phisiology of the human being	30							15	15				3	exam	
Main subjects																
11	Tourist geography	45							30	15				2	credit	
12	Elements of tourism	45	30	15				5							exam	
13	Elements of recreation	45	15	30				6							exam	
14	Touring/ sightseeing	30	15	15				4							credit	
15	Hotel management	30							15	15				3	credit	
16	Tourism and recreation in summer time	56								56				3	exam	
Practice		200							200					2	credit	
Overall hours/ECTS credits				132	147	0	0	0	30	132	188	0	0	0	30	
Overall hours in semester (year)			599	279					320							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2007

Non-stationary

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language I	40								40				1	credit	
2	Information technology	30		30				2							credit	
3	Socjology	30	15	15				3							credit	
4	Protection of intellectual property	10							10					1	credit	
Basic subjects																
5	Ecology and environment protection	45	15	30				5							exam	
Main subjects																
6	Service of tourism movement	60	15	45				6							exam	
7	Economics of tourism and recreation	30	15	15				4							credit	
8	Leisure time pedagogics	45	30	15				7							exam	
9	Tourism and recreation in winter time	56		56				3							exam	
Subjects for speciality																
10	Organisation and technique of work in hotel management	24							14	10				4	exam	
11	Tourism pilotage and guideship	16							8	8				3	credit	
12	IT in tourism and hotel mamagement	14								14				2	credit	
13	Tourism and recreation development	16							8	8				3	credit	
14	International tourism movement	16							8	8				3	credit	
15	Marketing of tourism and recreation services	16							8	8				3	credit	
16	Social communication in tourism and hotel managment	24							10	14				4	exam	
17	Lecture at choice (the first)	8							8					2	credit	
18	Lecture at choice (the second)	8							8					2	credit	
19	Diploma seminar.	10											10	1	credit	
Practice		200							200					2	credit	
Overall hours/ECTS credits				90	206	0	0	0	30	82	110	0	0	10	30	
Overall hours in semester (year)			498	296					202							

Major: Tourism and recreation

Specialization: Tourism and hotel management

Recruitment: 2007

Non-stationary

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language I	80		40				1		40				3	Credit, exma
Subjects for speciality															
2	Active tourism	32	8	8				2	8	8				3	Credit, exam
3	Silesia- regional and tourism geography	32	8	8				2	8	8				3	Credit, exam
4	Accountancy and finance in tourism	16	8	8				3							credit
5	Hygiene in tourism and hotel managment	16	8	8				3							credit
6	Tourism and recreation in country areas	24	14	10				4							exam
7	Organising and servicing tourism events	30							6	24				3	credit
8	Safety and rescue services in tourism and recreation	24	10	14				4							exam
9	Gastronomy in tourism and hotel managment	14		14				3							credit
10	Lecture at choice (the first)	16	8					2	8					2	credit
11	Lecture at choice (the second)	16	8					2	8					2	credit
12	Subject at choice	40	10	10				3	10	10				3	Credit, exam
13	Diploma seminar	40					20	1					20	2	credit
Diploma thesis														10	
Overall hours/ECTS credits			82	120	0	0	20	30	48	90	0	0	20	30	
Overall hours in semester (year)		380	222						158						

Major: Tourism and recreation

Specialization: Agrotourism

Recruitment: 2009

Full time

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Swimming	30		15				1		15				1	credit
2	Biological development of the human being	30	15	15				2							credit
3	Philosophy with ethics	30							15	15				3	exam
4	Phisical Education	30		15				1		15				1	credit
Basic subjects															
5	History of architecture and art	60	15	15				3	15	15				3	Exam, credit
6	Economy	45							30	15				5	exam
7	Psychology	30	15	15				5							exam
8	Managment	45	30	15				5							exam
9	Law	30							15	15				3	credit
10	Phisiology of the human being	30							15	15				4	exam
Main subjects															
11	Tourist geography	45							30	15				3	credit
12	Elements of tourism	45	30	15				5							exam
13	Elements of recreation	45	15	30				5							exam
14	Touring/ sightseeing	30	15	15				3							credit
15	Hotel management	30							15	15				3	credit
16	Tourism and recreation in summer time	56								56				4	credit
Overall hours/ECTS credits			135	150	0	0	0	30	135	191	0	0	0	30	
Overall hours in semester (year)		611	285						326						

Industrial Safety – I semester **4h**
Library training - I semester **4h**
Practice **160h**

Major: Tourism and recreation

Specialization: Agrotourism

Recruitment: 2009

Full time

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language I	120		60				1		60				4	Credit, exam	
2	Foereign language II	30								30				1	credit	
3	Information technology	30		30				2							credit	
4	Socjology	30	15	15				3							credit	
5	Protection of intellectual property	10								10				1	credit	
Basic subjects																
6	Ecology and environment protection	45	15	30				5							exam	
Main subjects																
7	Service of tourism movement	60	15	45				6							exam	
8	Economics of tourism and recreation	30	15	15				4							credit	
9	Leisure time pedagogics	45	30	15				5							exam	
10	Tourism and recreation in winter time	56		56				4							credit	
Subjects for speciality																
11	Propaedeutics of agrotuurisand the ecotourismi	30							15	15				3	credit	
12	Organisation and technique of work in hotel managment	45							30	15				4	exam	
13	IT in tourism and hotel mamagment	30								30				2	credit	
14	Touristic bases in country areas	30							15	15				3	credit	
15	Marketing and promotion in agrotourism	30							15	15				3	credit	
16	Social communication in tourism and hotel managment	30							15	15				4	exam	
17	Unprofessional animals' farming and decorative	30							15	15				4	exam	
18	Diploma seminar.	15											15	1	credit	
Overall hours/ECTS credits			90	266	0	0	0	30	105	220	0	0	15	30		
Overall hours in semester (year)		696	356						340							

Major: Tourism and recreation

Specialization: Agrotourism

Recruitment: 2009

Full time

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language II	60		60				4							exam
2	The basis of safety and the hygiene of work as well as the ergonomics	10	10					1							credit
Subjects for speciality															
3	Active tourism	60	15	15				2	15	15				3	Credit, exam
4	Silesia- regional and tourism geography	60	15	15				2	15	15				3	Credit, exam
5	Accountancy and finance in tourism	30	15	15				2							credit
6	Hygiene in tourism and hotel managment	30	15	15				2							credit
7	Tourism and recreation in country areas	45	30	15				5							exam
8	Organising and servicing tourism events	30								30				3	credit
9	The agro - touristic offer in chosen the countries of UE	30							15	15				2	credit
10	The architecture of scenery and the protection of nature	45	15	30				4							exam
11	Advising agro - touristic	30	15	15				2							credit
12	The agro - touristic offer of regions of Poland	30	15	15				3							exam
13	Lecture at choice (the first)	30	15					2	15					2	credit
14	Subject at choice	45							15	30				4	credit
15	Lecture at choice in foereign language	30							30					2	credit
16	Diploma semniar	60					30	1					30	1	credit
Diploma thesis														10	
Overall hours/ECTS credits			160	195	0	0	30	30	105	105	0	0	30	30	
Overall hours in semester (year)		625	385						240						

Major: Tourism and recreation

Specialization: Agrotourism

Recruitment: 2009

Non-stationary

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Swimming	30		15				1		15				1	credit
2	Biological development of the human being	30	15	15				2							credit
3	Philosophy with ethics	30							15	15				3	exam
4	Phisical Education	30		15				1		15				1	credit
Basic subjects															
5	History of architecture and art	48	12	12				3	12	12				3	Exam, credit
6	Economy	45							30	15				5	exam
7	Psychology	30	15	15				5							exam
8	Managment	45	30	15				5							exam
9	Law	30							15	15				3	credit
10	Phisiology of the human being	30							15	15				4	exam
Main subjects															
11	Tourist geography	45							30	15				3	credit
12	Elements of tourism	45	30	15				5							exam
13	Elements of recreation	45	15	30				5							exam
14	Touring/ sightseeing	30	15	15				3							credit
15	Hotel management	30							15	15				3	credit
16	Tourism and recreation in summer time	56								56				4	credit
Overall hours/ECTS credits			132	147	0	0	0	30	132	188	0	0	0	30	
Overall hours in semester (year)		599	279						320						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Agrotourism

Recruitment: 2009

Non-stationary

Year II

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language I	60		30				1		30				1	credit
2	Information technology	30		30				2							credit
3	Socjology	30	15	15				3							credit
4	Protection of intellectual property	10								10				1	credit
Basic subjects															
5	Ecology and environment protection	45	15	30				5							exam
Main subjects															
6	Service of tourism movement	60	15	45				6							exam
7	Economics of tourism and recreation	30	15	15				4							credit
8	Leisure time pedagogics	45	30	15				5							exam
9	Tourism and recreation in winter time	56		56				4							credit
Subjects for speciality															
10	Propaedeutics of agrotuurisand the ecotourismi	24							12	12				4	credit
11	Organisation and technique of work in hotel managment	24							14	10				4	exam
12	IT in tourism and hotel mamagment	14								14				3	credit
13	Touristic bases in country areas	16							8	8				3	credit
14	Marketing and promotion in agrotourism	16							8	8				3	credit
15	Social communication in tourism and hotel managment	16							8	8				5	exam
16	Unprofessional animals' farming and decorative	16							8	8				5	exam
17	Diploma seminar.	10											10	1	credit
Overall hours/ECTS credits			90	236	0	0	0	30	70	104	0	0	10	30	
Overall hours in semester (year)		510	326						184						

Major: Tourism and recreation

Specialization: Agrotourism

Recruitment: 2009

Non-stationary

Year III

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language I	60		30				1		30				2	exam	
2	The basis of safety and the hygiene of work as well as the ergonomics	10	10					1							credit	
Subjects for speciality																
3	Active tourism	32	8	8				2	8	8				3	Credit, exam	
4	Silesia- regional and tourism geography	32	8	8				2	8	8				3	credit, exam	
5	Accountancy and finance in tourism	16	8	8				3							credit	
6	Hygiene in tourism and hotel managment	16	8	8				3							credit	
7	Tourism and recreation in country areas	34	24	10				5							exam	
8	Organising and servicing tourism events	30							6	24				3	credit	
9	The agro - touristic offer in chosen the countries of UE	16							8	8				2	credit	
10	The architecture of scenery and the protection of nature	24	10	14				4							exam	
11	Advising agro - touristic	16	8	8				2							credit	
12	The agro - touristic offer of regions of Poland	16	8	8				4							exam	
13	Lecture at choice (the first)	16	8					2	8					2	credit	
14	Subject at choice	24							10	14				4	credit	
15	Diploma semniar	40					20	1					20	1	credit	
Diploma thesis														10		
Overall hours/ECTS credits				100	102	0	0	20	30	48	92	0	0	20	30	
Overall hours in semester (year)		382	222						160							

Major: Tourism and recreation

Specialization: Agrotourism

Recruitment: 2008

Full time

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Swimming	30		15				1		15				1	credit	
2	Biological development of the human being	30	15	15				2							credit	
3	Philosophy with ethics	30							15	15				4	exam	
4	Phisical Education	30		15				1		15				1	credit	
Basic subjects																
5	History of architecture and art	60	15	15				3	15	15				3	Exam, credit	
6	Economy	45							30	15				4	exam	
7	Psychology	30	15	15				5							exam	
8	Managment	45	30	15				5							exam	
9	Law	30							15	15				3	credit	
10	Phisiology of the human being	30							15	15				4	exam	
Main subjects																
11	Tourist geography	45							30	15				2	credit	
12	Elements of tourism	45	30	15				5							exam	
13	Elements of recreation	45	15	30				5							exam	
14	Touring/ sightseeing	30	15	15				3							credit	
15	Hotel management	30							15	15				3	credit	
16	Tourism and recreation in summer time	56								56				3	exam	
Practice		200							200					2	credit	
Overall hours/ECTS credits				135	150	0	0	0	30	135	191	0	0	0	30	
Overall hours in semester (year)			611	285					326							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Agrotourism

Recruitment: 2008

Full time

Year II

No.	Name of subject	Hours	Semester 3					ECTS	Semester 4					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language I	120		60				1		60				4	Credit, exam
2	Foereign language II	30								30				1	credit
3	Information technology	30		30				2							credit
4	Socjology	30	15	15				3							credit
5	Protection of intellectual property	10							10					1	credit
Basic subjects															
6	Ecology and environment protection	45	15	30				5							exam
Main subjects															
7	Service of tourism movement	60	15	45				6							exam
8	Economics of tourism and recreation	30	15	15				4							credit
9	Leisure time pedagogics	45	30	15				5							exam
10	Tourism and recreation in winter time	56		56				4							exam
Subjects for speciality															
11	Propaedeutics of agrotuurisand the ecotourismi	30							15	15				3	credit
12	Organisation and technique of work in hotel managment	45							30	15				3	exam
13	IT in tourism and hotel mamagment	30								30				2	credit
14	Touristic bases in country areas	30							15	15				2	credit
15	Marketing and promotion in agrotourism	30							15	15				3	credit
16	Social communication in tourism and hotel managment	45							15	30				4	exam
17	Unprofessional animals' farming and decorative	30							15	15				4	exam
18	Diploma seminar.												15	1	credit
Practice		160							160					2	credit
Overall hours/ECTS credits			90	266	0	0	0	30	115	225	0	0	15	30	
Overall hours in semester (year)		711	356						355						

Major: Tourism and recreation

Specialization: Agrotourism

Recruitment: 2008

Full time

Year III

No.	Name of subject	Hours	Semester 5					ECTS	Semester 6					ECTS	Form Of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foereign language II	60		60				3								exam
Subjects for speciality																
2	Active tourism	60	15	15				2	15	15					3	Credit, exam
3	Silesia- regional and tourism geography	60	15	15				2	15	15					3	Credit, exam
4	Accountancy and finance in tourism	30	15	15				2								credit
5	Hygiene in tourism and hotel managment	30	15	15				2								credit
6	Tourism and recreation in country areas	45	30	15				5								exam
7	The agro - touristic offer in chosen the countries of UE	30							15	15					2	credit
8	Organising and servicing tourism events	30							6	24					3	credit
9	The architecture of scenery and the protection of nature	45	15	30				4								exam
10	Advising agro - touristic	30	15	15				2								credit
11	The agro - touristic offer of regions of Poland	30	15	15				4								exam
12	Lecture at choice (the first)	30	15					3	15						2	credit
13	Subject at choice	45							15	30					3	credit
14	Lecture at choice in foereign language	30							30						3	credit
15	Diploma semniar	60					30	1						30	1	credit
Diploma thesis															10	
Overall hours/ECTS credits			150	195	0	0	30	30	111	99	0	0	30	30		
Overall hours in semester (year)		615	375						240							

Major: Tourism and recreation

Specialization: Agrotourism

Recruitment: 2008

Non-stationary

Year I

No.	Name of subject	Hours	Semester 1					ECTS	Semester 2					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Swimming	30		15				1		15				1	credit
2	Biological development of the human being	30	15	15				3							credit
3	Philosophy with ethics	30							15	15				4	exam
4	Phisical Education	30		15				1		15				1	credit
Basic subjects															
5	History of architecture and art	48	12	12				2	12	12				3	Exam, credit
6	Economy	45							30	15				4	exam
7	Psychology	30	15	15				5							exam
8	Managment	45	30	15				5							exam
9	Law	30							15	15				3	credit
10	Phisiology of the human being	30							15	15				3	exam
Main subjects															
11	Tourist geography	45							30	15				3	credit
12	Elements of tourism	45	30	15				5							exam
13	Elements of recreation	45	15	30				5							exam
14	Touring/ sightseeing	30	15	15				3							credit
15	Hotel management	30							15	15				3	credit
16	Tourism and recreation in summer time	56								56				3	exam
Practice		120							120					2	credit
Overall hours/ECTS credits			132	147	0	0	0	30	132	188	0	0	0	30	
Overall hours in semester (year)		599	279						320						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Tourism and recreation

Specialization: Agrotourism

Recruitment: 2008

Non-stationary

Year II

No.	Name of subject	Hours	Semester 3					ECTS	Semester 4					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language I	60		30				1		30				1	credit
2	Information technology	30		30				2							credit
3	Socjology	30	15	15				3							credit
4	Protection of intellectual property	10							10					1	credit
Basic subjects															
5	Ecology and environment protection	45	15	30				6							exam
Main subjects															
6	Service of tourism movement	60	15	45				6							exam
7	Economics of tourism and recreation	30	15	15				4							credit
8	Leisure time pedagogics	45	30	15				5							exam
9	Tourism and recreation in winter time	56		56				3							exam
Subjects for speciality															
10	Propaedeutics of agrotuurisand the ecotourismi	24							12	12				4	credit
11	Organisation and technique of work in hotel managment	24							14	10				4	exam
12	IT in tourism and hotel mamagment	14								14				2	credit
13	Touristic bases in country areas	16							8	8				3	credit
14	Marketing and promotion in agrotourism	16							8	8				3	credit
15	Social communication in tourism and hotel managment	24							10	14				4	exam
16	Unprofessional animals' farming and decorative	16							8	8				5	exam
17	Diploma seminar.	30											10	1	credit
Practice		120							120					2	credit
Overall hours/ECTS credits			90	236	0	0	0	30	70	104	0	0	10	30	
Overall hours in semester (year)		500	326						174						

Major: Tourism and recreation

Specialization: Agrotourism

Recruitment: 2008

Non-stationary

Year III

No.	Name of subject	Hours	Semester 5					ECTS	Semester 6					ECTS	Form Of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foereign language II	60		30				1		30				2	Credit, exam
Subjects for speciality															
2	Active tourism	32	8	8				2	8	8				3	Credit, exam
3	Silesia- regional and tourism geography	32	8	8				2	8	8				3	Credit, exam
4	Accountancy and finance in tourism	16	8	8				3							credit
5	Hygiene in tourism and hotel managment	16	8	8				3							credit
6	Tourism and recreation in country areas	24	14	10				4							exam
7	The agro - touristic offer in chosen the countries of UE	16							8	8				2	credit
8	Organising and servicing tourism events	30							6	24				3	credit
9	The architecture of scenery and the protection of nature	24	14	10				5							exam
10	Advising agro - touristic	16	8	8				2							credit
11	The agro - touristic offer of regions of Poland	16	8	8				4							exam
12	Lecture at choice (the first)	24	12					3	12					2	credit
13	Subject at choice	24							10	14				3	credit
14	Diploma semniar	40					20	1					20	2	credit
Diploma thesis														10	
Overall hours/ECTS credits			88	68	0	0	20	30	52	62	0	0	20	30	
Overall hours in semester (year)		310	176						134						

ECTS credits

3

1. Course name

Biological Development Human

2. Course description**Lecture**

Object of the investigations of biology. What is this the life ? The man development - basic notions . Of the development endogenic and exogenous factors. Different factors of the man development. The mode of the life and the course of the development. Building and the basic functions of the cell. Building and the basic functions of chosen tissues . The building and functions the apparatus of the movement. Building and functions nervous was arrangement. Important the organs of sense and their meaning for the man organism. Building and functions the apparatus was arrangement the man organism internal. The stages of the man development and biological rhythm. Metody of control and the opinion of the man development.

Laboratory

Heirdom and his meaning in the man ontogenetical development. Building of the individual elements of the apparatus of the movement. The course of the development was arrangement alimentary and respiratory. Arrangement of the development the circulation and arrangement of excretory. Organization of the man motive actions. Ability development of motive in the man ontogenetical development. Detailed profile of the individual stages of the man development.

1. Prerequisites

none

2. Aim of the course

The introduction of students with development and functioning the human organism. The meeting of genetic factors and the environmental of conditioning the man development.

3. Literature

Wolański N. (2005) *Rozwój biologiczny człowieka*. Państwowe Wydawnictwo Naukowe, Warszawa.

Jopkiewicz A., Suliga E. (1998) „*Biologiczne podstawy rozwoju człowieka*” . Wydawnictwo i Zakład Pligrafii Instytutu Technologii Eksploatacji. Radom.

4. Type of course

Obligatory

5. Teaching team

Institution of Recreation

6. Course structure

Form	Number of hours	Semester	year
Lecture	15	I	I
Classes	15	I	I
Laboratory			
Project			
Seminar			
Total student's workload	90		

7. Conditions of the course acceptance:

The written test

8. Language:

Polish

ECTS credits

3

1. Course name**The ecology and the protection of environment****2. Course description**

The basic notions of ecology: definitions and notion. Range of investigations of ecology. Reports man -nature in historical context. Biosphere and her functions. The circulation of matter and the energy.

Biocenosis and her feature. Trophic chains, trophic levels, alimentary dependences. The propriety of ecosystems: biotic and abiotic ecological factors restrictive occurrence organisms. Tolerance, succession, homeostasis.

The population and her feature, structure of population, interactions between populations.

Global, regional the and local ecological problems the present of world.

The cause and the results of demographic growth, urbanization and the industrialization. The cause and the prognose results of global changes of climate. The deforestation of the ground and her results.

Impulsive defeats and ecological catastrophes, their influence on environment and man's economy.

The nature as object of touristic interest. Perception of natural environment. The natural environment as system of value.

The protection of nature and the scenery on world and in Poland.

The influence on bioclimate the components of environment and his wholesome values.

Forest ecosystems, meadow, their farm implements and utilization in tourism

3. Prerequisites

none

4. Aim of the course

The basic aim of lectures and the is practices the introduction with theoretical bases the students and the practical knowledge in range of ecology, her meaning in solving the problems of protection and the formation of environment, in this especially in range the touristic the farm implement, organization of tourism and the touristic movement in areas about significant natural values, in peculiarity in areas legally protected, in secret the sedate development.

5. Literature

Kozłowski S.: *Ekorozwój. Wyzwanie XXI wieku*. Wydawnictwo Naukowe PWN, Warszawa

Krzymowska-Kostrowicka A.: *Geoekologia turystyki i wypoczynku*. Wydawnictwo Naukowe PWN, Warszawa 1997, s. 239.

Pyłka-Gutowska E.: *Ekologia z ochroną środowiska*. Wydawnictwo Oświata, Warszawa 1999,

6. Type of course

Obligatory

7. Teaching team

Institution of Tourism

8. Course structure

Form	Number of hours	Semester	year
Lecture	15	III	II
Classes	30	III	II
Laboratory			
Project			
Seminar			
Total student's workload	270		

9. Conditions of the course acceptance:

colloquium, written examination

10. Language:

Polish

ECTS credits

3

1. Course name**Economy****2. Course description**

Introduction to economy and economy. Supplies and them alternative uses. Implications of limitations of supplies rarity. The microeconomics and the macro-economics of Tool of economic analysis. Market economy, market and his functions. Demand and supply. Determinants of demand and supply. The be shaping on market the prices the Typical connected with change of demand situations and supply. Minimum prices and maximum. The elasticity of demand (price mixed profitable) the Elasticity the price supply. The measurement and graphic the interpretation of elasticity. The punctual elasticity on curve of demand. Basis of theory of enterprise. The form of enterprises the Aims of activity of enterprise. Receipts and costs. The balance and the bill of results. The size of production on growth of expenditures of given factor. Right of diminishing receipts. Costs in enterprise solid Costs and variables, average costs solid variables and total. Extreme costs. Relationships among average total cost and marginal. Costs in long period. The advantage and the disadvantage of scale of production.. Manufacturer's economic decisions in conditions: perfect competition and monopolistic competition. The manufacturer's economic decisions in conditions of monopoly and the decision the correlative oligopolu. Conception of controversial markets. Main problems of makroekonomy. Inflation, unemployment, kinds, results, fight with unemployment. Economic part of you. The bill and the determinants of national income. Measures of national income. Investments, economy. National product brutto and national income. Components of global demand. Global demand, politician fiscal and foreign trade. You and global demand. Budget of you. Budget deficit. Politician fiscal. Public debt, foreign debt. Money and present bank system. Functions of central bank. Commercial banks. Unemployment. Measurement of unemployment. Costs of unemployment. Kinds of unemployment Counteraction unemployment. Inflation. Measure of inflation, Costs of inflation. The cause and the kinds of inflation. Ways of counteraction of inflation. The supply of money and the inflation. Economic growth. Measures of growth. Factors of economic growth. Investments. Economic cycle. Trend and cycle. Theories of economic cycle. International trade and politician trade. Structure of world trade. Superiority komparatywne. International competitiveness of economy. The customs rates, GATT - the general arrangement in matter of customs fares and the trade.

3. Prerequisites none**4. Aim of the course**

The general profile of market mechanisms and their conditioning as well as the principles of elections of economic economic subjects, and especially the manufacturer's economic decisions. The profile of basic mechanisms and the conditioning of present market economy as well as the regulation by you the economic processes in road of the makroekonomy policy.

5. Literature

Begg D., Fischer S., Dornbusch R.: *Mikroekonomia*, wyd. I lub II, PWE, Warszawa, 1993, 1997r..

Samuelson P.A., Nordhaus W.D.: *Ekonomia* tom 1 i 2, PWN, Warszawa, 1995, 1996 r.

Czarny B., Czarny E., Barkowiak R., Rapacki R.: *Podstawy ekonomii*, PWE 1998 r.

pod red. R. Milewskiego *Podstawy ekonomii*, p, PWN, Warszawa 1998r.

Sloman J.: *Podstawy Ekonomii*, PWE, 2000r.

6. Type of course Obligatory**7. Teaching team** Institution of Economy**8. Course structure**

Form	Number of hours	Semester	year
Lecture	30	II	II
Classes	15	II	II
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

lecture - written examination,

practice - credit

10. Language:

Polish

Punkty ECTS

3

1. Course name**The economics of tourism and the recreation****2. Course description**

The economics of tourism in system of economic sciences. The economics of tourism as investigative discipline of economy. Science about tourism. The basic definitions with range of tourism and the recreation. Reports between notions Tourism and recreation. The outline of history of tourism in Poland and on world. Touristic justifications: creature and typology. Motives of and behaviour and their influence on shape of touristic offer. Trends on Polish and world touristic market. The change of model of rest the Functions of tourism and the recreation, from special regard the economic function. The stages of touristic consumption and the results the economic tourisms. The influence of tourism on place of touristic reception. Touristic factor. The touristic economy as sector of national economy. Touristic market and his feature. The creature of demand on touristic services and recreational and his feature. The determining the size factors and the structure of demand on touristic services and recreational. Measures of touristic demand. The notion of touristic supply and her feature. The creature of touristic product and his components the Notion and the elements of touristic attractiveness of area. Chosen methods of investigation of touristic attractiveness area. The creature of touristic enterprise: his creature of, feature, the functions and the aims as well as the types.

3. Prerequisites

none

4. Aim of the course

The meeting the patent medicines and the characteristic fature of tourism, phenomena and the stepping out in present tourism tendencies, description and the the analysis of touristic phenomena stepping out in surrounding reality, connected the solving the problems with development of tourism on chosen areas, skill of use of chosen tools analysis touristic market

5. Literature

Ekonomika Turystyki. Praca zbiorowa pod red. A. Panasiuka, Warszawa, Wydawnictwo PWN 2006.

Kompedium wiedzy o turystyce. Praca zbiorowa pod red. G. Gołembskiego, Warszawa-Poznań, Wydawnictwo Naukowe PWN 2002.

Gaworecki W.W.: *Turystyka.*, Warszawa, Polskie Wydawnictwo Ekonomiczne 2003.

Niezgoda A. Zmyślony P.: *Popyt turystyczny. Uwarunkowania i perspektywy.* Poznań, Wydawnictwo AE w Poznaniu 2003

Alejsiak W: *Turystyka w obliczu wyzwań XXI wieku.* Kraków, Wydawnictwo Albis 1999.

6. Type of course

Obligatory

7. Teaching team

Institution of Tourism

8. Course structure

Form	Number of hours	Semester	year
Lecture	15	III	III
Classes	15	III	III
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

practice -credit

10. Language:

Polish

Punkty ECTS

3

1. Course name**Philosophy and the ethics****2. Course description**

The introduction in world of philosophical thought(the background the socjo - political the Ancient Greece, Homer, Hezjod the, myths, the language, society , first the relating the man matters)The basic messages with field of philosophical anthropology (the man's, different conceptions the man's definition, man the intelligent creature)

Present philosophy about man (Existentialism, Personalizm, Postmodernizm)The man's happiness (the conceptions of happiness, eastern philosophy and western about happiness, Arystoteles, Christianity) Man and working (artistic works, search scientific, work) Man in report from different (man social creature, it is friends theories (Platon Arystoteles), love, social reports) The theories of feelings (Arystoteles, Thomas from Akwinu, the present theories) The problem of aggression (the aggression as human pathology the, cause of aggression, counteraction the aggression) The ethicist (the problem of human values, individual good and the social good, ideals and the reality) The aesthetics (the theories of art, beauty and the education) The human freedom (the question of freedom, different conceptions of freedom, freedom and the rape, liberalism and the freedom) The life the death and the suffering (the sense of life, balance of life, euthanasia?, cloning?, the interference in nature) Right (natural right, right made up, right unwritten, lawlessness and anarchy)

Language (philosophical language, poetry, symbolic language, colloquial language) Space of life (the theory czy the experience, sensualizm, materialism, theism)

3. Prerequisites none**4. Aim of the course**

Understood connected problems during meeting be becomes undertaken wide with philosophical anthropology. The acquired in track of lectures knowledge should favourably influence on general culture and listeners' development as well as assure creating deeper humanism.

5. Literature

TATARKIEWICZ W., *Historia filozofii*, I-III, (wyd. 15), Warszawa 1998.

SIEMIANOWSKI A., *Antropologia filozoficzna*, Gniezno 1996.

PETTIT P., *Przewodnik po współczesnej filozofii politycznej*, Warszawa, 1998.

ŚWIEŻAWSKI S., *Dzieje europejskiej filozofii klasycznej*, Warszawa-Wrocław, 2000.

REALE G., *Historia Filozofii Starożytnej*, I-III, Lublin, 1999.

GRATELOUP L., *Wędrowki po filozofii*, Wrocław 1999.

PALACZ R., *Klasycy filozofii*, Warszawa 1987.

PLATON, *Dialogi*, Warszawa, 1988.

RUSSELL B., *Dzieje Filozofii Zachodu*, Warszawa 2000.

DAROWSKI R., *Filozofia człowieka*, Kraków 1995.

PIĄTEK Z., *Aspekty antropocentryzmu*, Kraków 1988.

INGARDEN R., *Wykłady z etyki*, Warszawa 1989

6. Type of course Obligatory**7. Teaching team** Institution of Philosophy and the Political Ideas**8. Course structure**

Form	Number of hours	Semester	year
Lecture	15	II	II
Classes	15	II	II
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

lecture - examination

practice - credit

10. Language:

Polish

ECTS credits

4

1. Course name

Physiology

2. Course description**Lecture**

What is this the physiology? The general building of the cell. The chemical composition of the cell. Inside cellular physiological mechanisms: cellular integument and her meaning, intracellular metabolism. The meaning of nervous cells in the control of the man motive action. The transformation of the matter and hormonal control in the man organism. The part of blood in the man organism. The meaning of the processes of breathing in the liberation energy accumulated in the organism: to external the breathing and internal. The meaning of humours in the man organism: to constitutional the humours and electrolytes and the action of kidneys. The equilibrium acidic - basic : the constancy of the environment the system and her exchange internal under the influence effort physical and the buffer system to arrangement. Physiological processes of maintenance of the perpendicular attitude of the body. The physiological classification the effort physical: the effort dynamic and static, the notion of ruthless intensity and he relative effort physical. The energetistic balance of the organism in rest and effort physical.

Laboratory

Course and the species of the cramps of muscles of skeletal. The opinion of the recruitment of oxygen in the man organism. Efficiency physical and her meaning. Physiological was principle physical training. The influence of training on the organism - it was change for training in organs internal: arrangement the breathing, arrangement the active and passive movement. The optimization of ways it was rest and the prophylaxis of excessive fatigue.

3. Prerequisites

none

4. Aim of the course

We questions of the introduction of students with basic relating the man physiology. Introduction with basic physiological tests and functioning the organism in the period of rest and work.

5. Literature

1. Traczyk W.Z. (2000) *Fizjologia człowieka w zarysie*. Wydawnictwo Lekarskie PZWL, Warszawa.
2. Traczyk W.Z., Trzebski A. (2001) *Fizjologia człowieka z elementami fizjologii stosowanej i klinicznej*. Wydawnictwo Lekarskie PZWL, Warszawa.
3. Konturek S. (2003) *Fizjologia człowieka*. Wydawnictwo Uniwersytetu Jagiellońskiego. Kraków, tom 1, tom 2, tom 3, tom 4, tom 5.

6. Type of course

Obligatory

7. Teaching team

Institution of Recreation

8. Course structure

Form	Number of hours	Semester	year
Lecture	15	II	I
Classes	15	II	I
Laboratory			
Project			
Seminar			
Total student's workload	100		

9. Conditions of the course acceptance:

The written test

10. Language:

Polish

ECTS credits

3

1. Course name

Touristic geography

Description:

Definition of touristic, aim, investigation methods. History of touristic in Poland and world. Touristic as section of economy. Advantages of touristic. Touristic geography of Poland. Touristic geography of Lower Silesia.

2. Prerequisites

None

3. Aim of the course

Fundamental course of touristic faculty. Introduce to basis ideas of touristic geography and its history, investigation methods, touristic aims. Second part is touristic geography of Poland, especially Lower Silesia. Knowledge got on the course prepare to next courses and practical use in touristic bussiness.

4. Literature

Czerwiński J., *Podstawy turystyki*, Legnica 2007.

Czerwiński J., *Turystyka. Wybrane zagadnienia. Skrypt dla studentów*. Wałbrzych 2006.

Kanon krajoznawczy Polski, red. Łęcki W., Warszawa 2000.

Kowalczyk A., *Geografia turystyki*, Warszawa 2002.

Kruczek Z., *Polska: geografia atrakcji turystycznych*, Kraków 2002.

Lijewski T., Mikułowski B., Wyrzykowski J., *Geografia turystyki Polski*, Warszawa 2002.

Różycki P., *Zarys wiedzy o turystyce*, Kraków 2006.

Słownik geograficzno-krajoznawczy Polski, red. Mileska M.I., Warszawa 1992.

5. Type of course

Obligatory

6. Teaching team

Institution of Tourism

7. Course structure:

Form	Number of hours	Semester	year
Lecture	30	II	I
Classes	15	II	I
Laboratory			
Project			
Seminar			
Total student's workload	60		

8. Conditions of the course acceptance:

Written test are the conditions of ranking the lecture.

9. Language:

Polish

ECTS credits

6

1. Course name

Hygiene and the promotion of the health

2. Course description**Lecture**

General problems of hygiene and the promotion of the health. Basic wholesome was threat. Municipal hygiene. The hygiene the psychical Hygiene of the recreation and the tourism.

Laboratory

The definition of health and disease. The national programmer Health. The determinants of health : the style of the life, environment physical and social, genetics, the service of the health. The Hygiene of the child development. In the various lid persons physical training. The hygiene of nourishment. The quantitative and qualitative analysis of consumed meals. Main wholesome and the their ways of fighting was threat. The promotion the health in let's threats wholesome.

3. Prerequisites

none

4. Aim of the course

Introduction of the students with factors conditioning health and the criteria of his opinion. The education wholesome in the various periods of the life. Implementation of the conception of the promotion of the health.

5. Literature

1. Jethon Z. (2000): *Medycyna zapobiegawcza i środowiskowa*. Wydawnictwo Lekarskie PZWL, Warszawa.
2. Jethon Z. (1995) *Ekologia człowieka w wychowaniu fizycznym i sporcie*. AWF Wrocław, Wrocław.
3. Karski J.B., Słońska Z., Wasilewski B.W. (1994) „Promocja zdrowia”. Sanmedia, Warszawa.

4. Type of course

Obligatory

6. Teaching team

Institution of Recreation

7. Course structure

Form	Number of hours	Semester	year
Lecture	30	V	III
Classes	15	V	III
Laboratory			
Project			
Seminar			
Total student's workload	200		

8. Conditions of the course acceptance:

The written test

9. Language:

Polish

ECTS credits

2

1. Course name

Hygiene in tourism and recreation

2. Course description**Lecture**

General problems of hygiene and the promotion of the health. Basic wholesome was threat. Municipal hygiene. The hygiene the psychical Hygiene of the recreation and the tourism.

Laboratory

The definition of health and disease. The national programmer Health. The determinants of health : the style of the life, environment physical and social, genetics, the service of the health. The Hygiene of the child development. In the various lid persons physical training. The hygiene of nourishment. The quantitative and qualitative analysis of consumed meals. Main wholesome and the their ways of fighting was threat. The promotion the health in let's threats wholesome.

3. Prerequisites

none

4. Aim of the course

Introduction of the students with factors conditioning health and the criteria of his opinion. The education wholesome in the various periods of the life. Implementation of the conception of the promotion of the health.

5. Literature

1. Jethon Z. (2000): *Medycyna zapobiegawcza i środowiskowa*. Wydawnictwo Lekarskie PZWL, Warszawa.
2. Jethon Z. (1995) *Ekologia człowieka w wychowaniu fizycznym i sporcie*. AWF Wrocław, Wrocław.
3. Karski J.B., Słońska Z., Wasilewski B.W. (1994) „*Promocja zdrowia*”. Sanmedia, Warszawa.

6. Type of course

Obligatory

7. Teaching team

Institution of Recreation

8. Course structure

Form	Number of hours	Semester	year
Lecture	15	V	III
Classes	15	V	III
Laboratory			
Project			
Seminar			
Total student's workload	50		

9. Conditions of the course acceptance:

The written test

10. Language:

Polish

ECTS credits

3/3

1. Course name

The history of architecture and the art

2. Course descriptionLecture

Residential architecture in Europe

Sacred architecture

Ceramics and glass

It happens book

Heraldry

Collecting in histories of culture and the art

Painting from the most former times to the present day

People's art

With histories of graphic arts and the bookish illustration

With histories of culture of material Poland

Locks of mediaeval Europe

Everyday life in mediaeval Europe and modern

3. Prerequisites

Credit of practices

4. Aim of the course

The introduction the listeners is the aim of lecture the introduction with culture and the art of world, from special regard the Polish culture

5. Literature

Białostocki J., *Sztuka cenniejsza niż złoto. Opowieść o sztuce europejskiej naszej ery*, Warszawa 2004 (lub inne wydania).

Kęłowski J., *Dzieje sztuki polskiej. Panorama zjawisk od zarania do współczesności*, Warszawa 1987.

Koch W., *Style w architekturze. Arcydzieła budownictwa europejskiego od antyku po czasy współczesne*, Warszawa 1996.

Kozakiewicz T., *Słownik terminologiczny sztuk pięknych*, Warszawa 2005.

Pilch J., *Leksykon zabytków architektury Dolnego Śląska*, Warszawa 2005.

Porębski M., Piwocki K., *Dzieje sztuki w zarysie*, t. 1-3, Warszawa 1987.

Sztuka świata, t. 1-10, Warszawa 1989-1996 (materiał ilustracyjny).

6. Type of course

Obligatory

7. Teaching team

Departments of Tourism, PhD Romuald M. Łuczyński

8. Course structure

Form	Number of hours	Semester	year
Lecture	15, 15	I, II	1
Classes	15, 15	I, II	I
Laboratory			
Project			
Seminar			
Total student's workload	300		

9. Conditions of the course acceptance:

Lecture - written examination,

Practice - credit

10. Language:

Polish

ECTS credits

3

1. Course name**Hotel industry****2. Course description**

The basic notions with range of hotel industry. The outline of history of hotel industry on world and in Poland. Hostel base in Poland. The classification and the categorization of the hotel the management objects in Poland. Organizations and hotel managements associations. Structure of functional and organizational in hotel industry. Technical problems in hotel. The directions of development of hotel industry in Poland and on world.

3.Prerequisites

none

4.Aim of the course

It is the aim of lecture introduction the listeners from basic with relating the hotel industry, meeting of basic questions problems relating the hotel industry the and organization of work in hostel objects.

5.Literature

Knowles T. – Zarządzanie hotelarstwem i gastronomią. PWE, Warszawa 2001

Witkowski Cz. – Podstawy hotelarstwa, Druk Tur, Warszawa 1999

Witkowski Cz. – Hotelarstwo, Wyższa Szkoła Ekonomiczna, Warszawa 2002

Milewska M., Włodarczyk B. – Hotelarstwo – podstawowe wiadomości z zakresu hotelarstwa, Wydawnictwo WSTH w Łodzi, Łódź 2005

6.Type of course

Obligatory

7.Teaching team

Institution of Tourism

8.Course structure

Form	Number of hours	Semester	year
Lecture	15	II	I
Classes	15	II	I
Laboratory			
Project			
Seminar			
Total student's workload	90		

9.Conditions of the course acceptance:

lecture - credit on opinion

practice - credit

10. Language:

Polish

ECTS credits

1/4

1. Course name The course of strange language (English, French, German, Russian), the level **A2**

2. Course description The assimilating of following linguistic competences:

In range listening - Student be able to recognize and to understand expression and the most often used turns as well as connected with the closest surroundings vocabulary (np. basic information about me and family, purchases, local topography, work). It student be able to to understand leading thought in bright, short, straight lines messages and notices. **In range reading** - Student be able to read very short, simple text. The student be able to find concrete, capable of to foresee in straight lines information, the popular materials, such how the notice the, folders, the card of dishes in restaurant, the time-schedules. Reason also short, straight lines private letters. **In range telling - the** Student be able to communicate in grounds of straight lines, the routine exacting the direct exchange of information tasks, in range well-known him subjects and the action. The student be able to advise me in track short, the straight line of exchange of sentences,. It be able to also use with gathering of expressions and the sentences, to describe in simple way your family and different men, conditions of life, their education as well as present or last works. **In range the writing - the** Student be able to write short, the straight lines of note and the relating the resulting with everyday life questions messages and his needs. Very simple private letter, np. be able to write expressing also someone thanks.

3. Prerequisites Qualifying test on level A2

4. Aim of the course The acquaintance of strange language **on level A2** defines the skill of help the strange language on basic level in range the understanding, telling and the writing. The person using with language on this the level the reason of statement and connected in range of subjects the often used expressions with professional life as well as everyday. It be able to communicate in routine, the straight lines the communication situations, exacting on well-known subjects the only direct exchange of sentences and typical. Be able to in simple way describe one's origin and surroundings in which works and it lives. It be able to use with basic grammatical structures.

5. Literature

English

Latham-Koenig, Christina, Oxenden, Clive *New English File Pre-Intermediate*, OUP 2003

Hopkins, Andy *Work in Progress*, Longman 1998

Taylor, Liz *International Express*, OUP 2003

O'Driscoll, Nina *Business Challenges*, Longman 1995

French

G. Migdalska, C. Billar-Woźniak, M. Szczucka-Smagowicz „Déjà-vu”, PWN, Warszawa, 2005

German

Hermann Funk, Rita M. Niemann, Dong Ha Kim, Studio D A2, Cornelsen, 2005

Russian

H.Granatowska, *Как дела?* 1, Wyd. Szkolne PWN, Warszawa 2002

H.Granatowska, *Как дела?* 2, Wyd. Szkolne PWN, Warszawa 2002

R.Skiba, M.Szczepaniak, *Деловая речь. Dla rozpoczynających naukę od podstaw*, wyd. REA

R.Skiba, M.Szczepaniak, *Деловая речь. 1a, 1b, 2a, 2b*, wyd. REA

6. Type of course Obligatory

7. Teaching team The lectors of strange languages - the Department of Pedagogy, Tourism and the Recreation

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	60/60	III/IV	II, III
Laboratory			
Project			
Seminar			
Total student's workload	500		

9. Conditions of the course acceptance:

Credit and written examination

10. Language

English, French, German, Russian

ECTS credits

1/3

1. Course name The course of strange language (English, French, German, Russian), the **level B1**

2. Course description The assimilating of following linguistic competences:

In range listening - Student be able to recognize and to understand expression and the most often used turns as well as connected with the closest surroundings vocabulary (np. basic information about me and family, purchases, local topography, work). Student be able to understand main thoughts expressed with bright, standard language and relating well-known questions with which puts together in work regularly, school, time free ect. Be able to understand leading thought of many radio programmes and be television relating current events subjects connected from areas of personal life or professional. To be fly's statement bright and in comparatively free pace.

In range reading - Student be able to read the texts written with language about large frequency of everyday use or connected with work. The description of events, feelings be able to understand or wishes in private letters.

In range telling - Student be able to advise me in of situation resulting in track of trip after country majorities, gadfly given language be used. It be able to include to conversation on well-known him relating his personal life subjects or connected with everyday actions (np. the family of, hobby, the work raise the the price, the current events). It be able to unite in aim the straight lines of expression description of its experiences and events of everyday life, their dreams, hope and the ambition. It be able to briefly introduce reasons and explanation of its opinions and the plans. It be able to tell short histories or to relate the plots of film or book and to describe one's reactions and impression.

In range writing - Student be able to write straight lines, standardized texts on subjects which are him well-known or which it be interests. It be able to also write private letters describing events, experience and impression.

3. Prerequisites Qualifying test on level B1

4. Aim of the course

The acquaintance of strange language **on level B1** which defines the skill of help the strange language on independent level in range the understanding of telling and the writing. Using on this level with language person be able to understand the principal points of conversation, when the bright language be used and standard the and conversation it concerns the matters well-known connected with work, the school, free time, etc. Be able to me to advise in majority of situation, what meets in trip in region of target language. It be able to express one's opinion in simple way and concise on subjects with everyday life and relating own interests. It be able to describe the experience of, event, the hopes, dream and intention, briefly are motivating explaining his opinions and plans.

5. Literature

English

Latham-Koenig, Christina, Oxenden, Clive *New English File Intermediate*, OUP 2005

Hopkins, Andy *More Work in Progress*, Longman 1998

Taylor, Liz *International Express*, OUP 2003

French

J.L. Penfornis „français.com”, CLE International, Paris 2002

German

Hermann Funk, Rita M. Niemann, Dong Ha Kim, Studio D B1, Cornelsen, 2005

Russian

H.Granatowska, *Как дела?* 2, Wyd. Szkolne PWN, Warszawa 2002

R.Skiba, M.Szczepaniak, *Деловая речь 2a, 2b*, wyd. REA

6. Type of course Obligatory

7. Teaching team The lectors of strange languages - the Department of Pedagogy, Tourism and the Recreation

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30/60	IV/V	III, IV
Laboratory			
Project			
Seminar			
Total student's workload	280		

9. Method of opinion of work student

Credit and written examination

10. Language

English, French, German, Russian

ECTS credits

3

1. Course name**Social communicating in tourism and recreation****2. Course description**

Communication as social process. The creature the, definitions, of feature and the elements of process of communication

The theories and the directions of investigations of communicating the men over process. Communication models. The system of political communication and mass, the centres of mass communication and their part in society, the social functions of medias. The systems of organizational communication and the public communication. Psychological conditioning of effectiveness of communicating, basic features of interpersonal transport. Interpersonal verbal transport and non - verbal . Communicating between cultures. Transport in education, in pedagogy, in tourism and recreation.

The strategies and the technique of exerting on men the influence. The outline of theory of propaganda, technician of advertisement, public the relations.

3. Prerequisites

none

4. Aim of the course

The meeting by students of principles and the conditions influencing on

Communicating in definite social interactions,

Meeting of chosen of ways passing on in society the information

The exhibition ineffective the and proper ways the communicating the subjects of educational process: educators and pupils

Making sensitive on communication barriers, manipulations and propagande

5. Literature

Nęcki Z. Komunikacja międzyludzka. Kraków 1996, Wydawnictwo Profesjonalnej Szkoły Biznesu

Berne E. W co grają ludzie?. Warszawa 1987, PWN

Grzesiuk L, Trzebińska E., Jak ludzie porozumiewają się?. Warszawa 1978, Nasza Księgarnia

Hogan K. Psychologia perswazji. Warszawa 2001, Wydawnictwo Jacek Santorski & CO

Niwiński T. My czyli jak być razem. Łódź 2002, Wydawnictwo „Ravi”

Lemmermann H. Szkoła retoryki. Wrocław 1995, Wydawnictwo Astrum

Cialdini R. Wywieranie wpływu na ludzi. Gdańsk 1998, Gdańskie Wydawnictwo Psychologiczne

Lindeenfield G. Asertywność. Łódź 1994, RAVI

6. Type of course

Obligatory

7. Teaching team

The institution of Sociology and the Social Communication

8. Course structure

Form	Number of hours	Semester	year
Lecture	15	IV	II
Classes	15	IV	II
Laboratory			
Project			
Seminar			
Total student's workload	70		

9. Conditions of the course acceptance:

Lecture - written examination

practice - credit

10. Language:

Polish

ECTS credits

3

1. Course name

Regional survey

2. Description:

Regional survey and its connections with other science branch. History of regional survey in Poland and Europe, prominent persons of regional survey. Important tourist attractions in regions of Poland. Knowledge about museums and religious worship centre. Protection of nature. Touristic infrastructure, qualifications of persons working in touristic business (guide, pilot of excursion).

3. Prerequisites

None

4. Aim of the course**Lecture**

Basic knowledge about regional survey as auxiliary field of geographic knowledge. Importance of regional survey in local community development. Methods of regional information collecting. Knowledge about museums and religious worship centre, protection of nature, touristic infrastructure of Poland and Lower Silesia.

Classes

Practical learning of regional survey. Creating of touristic offer. Creating exhibitions, presentations, plan of excursion. Methods of information collecting from cartographic sources, guide-books and regional publications.

5. Literature

Kruczek Z., Kurek A., Nowacki M., *Krajoznawstwo. Zarys teorii i metodyki*, Kraków 2007.

Kanon krajoznawczy Polski, PTTK, Warszawa 2002.

Krajoznawstwo na Dolnym Śląsku, red. J. Wyrzykowski, R. Blachy, Legnica 2004.

Bieńczyk G., *Krajoznawstwo i jego związki z turystyką*, Warszawa 2003.

Czerwiński J., *Podstawy turystyki*, Legnica 2007.

Naukowcy krajoznawstwa, red. K. R. Mazurski, Warszawa 1979.

Różycki P., *Zarys wiedzy o turystyce*, Kraków 2006.

Słownik geografii turystycznej Sudetów, red. M. Staffa (wybrane tomy).

Miesięcznik SUDETY (wybrane numery).

Mapy turystyczne i kartograficzne.

6. Type of course

Obligatory

7. Teaching team

Institution of Tourism,

8. Course structure:

Form	Number of hours	Semester	year
Lecture	15	1	1
Classes	15	1	1
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

lecture – credit with mark – presentation „Tourist attractions of chosen locality or microregion”

classes – credit.

10. Language:

Polish

ECTS credits

6

1. Course name**Service of touristic movement****2. Course description**

The creature of touristic movement and his kinds. The organization of service of touristic movement in Poland. The legal aspects of organization of touristic movement in Poland. The touristic enterprise as subject of service of touristic movement. Creature of touristic enterprise of, his feature, the functions and the aims as well as the types. The touristic services as object of activity of touristic enterprise: the definition of services, feature and the classifications. The customer's service in office of trip - the service in range of organization and the touristic mediation. Service entertains in hostel objects - hotel managements services. Gastronomy services and customer's service in gastronomy institution. The tourists' service in points of touristic information - the meaning of information in tourism, the system of touristic information. The leadership and the pilotage in service of touristic movement. The forwarding services in service of touristic movement. Creating touristic product - touristic event. The culture of service and the ethicist professional the worker of tourism

3. Prerequisites

none

4. Aim of the course

Delivering both indispensable theoretical knowledge, as and the practical skills in range of service of touristic movement. The meeting patent medicines of the tourists' service in office of trip the, point of touristic information, the hostel objects and gastronomy, and also by touristic guides, the pilots of trips as well as the hauliers. The purchase the skill of programming of touristic temporary events and by-passing

5. Literature

Obsługa ruchu turystycznego. Praca zbiorowa pod red. Z. Kruczka. Kraków, Krakowska Szkoła Hotelarska 2006.

Obsługa ruchu turystycznego. Praca zbiorowa pod red. B. Meyer . Warszawa, Wydawnictwo PWN 2006.

Kompendium pilota wycieczek. Praca zbiorowa pod red. Z. Kruczka. Kraków, Proksenia 2006.

Kompendium wiedzy o turystyce. Praca zbiorowa pod red. G. Gołem-bkiego, Warszawa-Poznań, Wydawnictwo Naukowe PWN 2002.

Z. Kruczek, B. Walas; Promocja i informacja turystyczna. Kraków, Proksenia 2004.

6. Type of course

Obligatory

7. Teaching team

Institution of Tourism

8. Course structure

Form	Number of hours	Semester	year
Lecture	15	III	II
Classes	45	III	II
Laboratory			
Project			
Seminar			
Total student's workload	300		

9. Conditions of the course acceptance:

lecture - written examination

practice - credit

10. Language:

Polish

ECTS credits

1

1. Course name**Protection of intellectual property****2. Course description**

Introducing I. The intellectual goods as special kind of legal goods. The place of control of right intellectual property in system of Polish right. The catalogue of objects the copyright and the right of industrial property - the common questions. The origin and the meaning of settlement of international right of intellectual property (the Bern conventions, Parisian, general the as well as in. the agreement, which the side is Poland).

II. author's Right: The Pojecie of work as well as his kinds. Subjects copyright. Kinds of works. Content copyright - author's personal rights as well as property; field of exploitation. The general principles of passage the author's say property, - the heirdom the copyright. Contract transferring author's authorizations as well as licence contracts. Collective management and protection copyright; The committee the copyright, schedules of the author's rewards; Fund of Promotion of Works. Protection copyright. Right related - subjects, content, using and giving instructions as well as protection. Protection of bases of data.

III. Right industrial property: The objects of industrial property; part of Patent Office of Polish Republic. Entitled to inventive projects subjects. Say to inventive projects content in range of personal authorizations and property. Say the general principles the ohrony to objects of industrial property.

3. Prerequisites

none

4. Aim of the course

The performance of basic sources of settlement as well as the institution of right of intellectual property (the section of civil right). The creation of possibility of capture by studying, in basic degree of nomenclature and the notions with this range - in enabling degree independent finding as well as the interpreting in reference the recipes of right of industrial property to possible actual states as well as the skill of preparing the basic documents (the contracts, straight lines of the law the suit writings).

5. Literature

J. Jezioro, Prawo własności intelektualnej (w:) Podstawy Prawa cywilnego pod red.: E. Gniewka, Warszawa 2005.

J. Barta, M. Czajkowska-Dąbrowska, Z. Cwiakalski, R. Markiewicz, E. Traple, Prawo autorskie i prawa pokrewne. Komentarz, Kraków 2005,

J. Barta R. Markiewicz, Ustawa o ochronie baz danych. Komentarz, Warszawa 2002,

Prawo autorskie i prawa pokrewne. Zarys wykładu (red. M. Poźniak-Niedzielska), Bydgoszcz-Warszawa-Lublin 2007.

R. Gola, Dobra niematerialne. Kompendium prawne, Warszawa 2005, R. Gola,

Prawo autorskie i prawa pokrewne, Warszawa 2005,

J. Barta, Markiewicz, Prawo autorskie i prawa pokrewne. Wprowadzenie, Warszawa 2007,

E. Nowińska, U. Promińska, M. du Vall, Prawo własności przemysłowej, Warszawa 2003,

Prawo własności przemysłowej (red. U. Promińska), Warszawa 2005,

System Prawa Prywatnego. Tom 13. Prawo autorskie (red. J. Barta), Warszawa 2007.

6. Type of course

Obligatory

7. Teaching team**8. Course structure**

Form	Number of hours	Semester	year
Lecture	10	IV	III
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	10		

9. Conditions of the course acceptance:

lecture - credit on opinion,

10. Language:

Polish

ECTS credits

2

1. Course name

Organization and management touring events (practical exercises)

2. Description:

Students use knowledge acquired at many courses to prepare a few days' excursion. It cause widening knowledge about tourist infrastructure and important tourist attractions of Poland and Europe. Students experience work of excursion-pilot and guide.

Additive information about multiculturalness of Lower Silesia and neighbor regions, create attitude of tolerance and acceptance to European integrity. Students experience of method to organize special excursion (for instance pilgrimage or for disabled person).

3. Prerequisites

Pass of basic courses.

4. Aim of the course

Instructive excursions in State University of Applied Science in Legnica are basic form of teaching of planning and managing touring events. Students have to prepare plan of excursion, make reservations of hotels and transport. The aim is preparing to work in travel agency, guide office and similar firms.

5. Literature

Czerwiński J., *Dolny Śląsk*, Wyd. Muza, Warszawa 1999.

Gaworecki W.W. *Turystyka*, PWE, Warszawa 2000.

Lijewski T., Mikułowski B., Wyrzykowski J., *Geografia turystyki Polski*, PWE, Warszawa 2002.

Łobożewicz T., Bieńczyk G., *Podstawy Turystyki*. Wyższa Szkoła Ekonomiczna, Warszawa 2001.

Toczek-Werner S. (red.), *Podstawy rekreacji i turystyki*, AWF, Wrocław 2002.

Kruczek Z., *Polska. Geografia atrakcji turystycznych*, 2002.

Śląsk Dolny. Śląsk Opolski. Atlas, Wyd. Kartograficzne Eko-Graf, Wrocław 2005.

Kompendium wiedzy o turystyce, praca zbiorowa pod red. G. Gołembskiego, PWN, Warszawa 2006.

Kompendium pilota wycieczek, praca zbiorowa pod red. Z. Kruczka, Wyd. V Proksenia, Kraków 2005.

6. Type of course

Obligatory

7. Teaching team

Institution of Tourism

8. Course structure:

Form	Number of hours	Semester	year
Lecture	6	VI	III
Classes	24	VI	III
Laboratory			
Project			
Seminar			
Total student's workload	50		

9. Conditions of the course acceptance:

Credit with mark.

10. Language:

Polish

ECTS credit points

5

1. Course name

Leisure time pedagogy

2. Course description**Lecture**

Introduction, terminological outline. Leisure time pedagogy as a part of pedagogy as a science on upbringing. Objectives and tasks of leisure time pedagogy.

Leisure time as a social problem. Aspects and functions of leisure time. Theories of leisure time. Leisure time and its upbringing/educational, health-related and cultural [culture-making] meaning. Leisure time as a part of everyday culture and carrier of values passed from generation to generation. Leisure time in the past/throughout history. Factors which influence leisure time behavior.

The role of intentional and natural upbringing/educational environments in the process of socialization in leisure time. A community center as an upbringing/ educational institution in leisure time. Educational/ upbringing environment: intentional and natural. Signs of improper spending leisure time.

Differences between deviation and pathology. Phenomena of social pathologies Delinquency. Drunkenness and alcoholism. Drug addiction. Prostitution. Family pathologies (social orphanhood, divorces) Pathologies of organizational structures (cliques, mobbing). Aggression among young fans of sport events. Youth subcultures. Sects.

More time – less stress: how to get 2 hours a day only for myself?

The role of tourism and recreation graduate in time management. Planning tasks in time management.

Andragogics and permanent education. Subject of research and tasks of andragogics. Learning of the adults. The University of the third age. Andragogics of recreation and tourism. Self-education.

Leisure time pedagogy and its relation to recreation. Education towards recreation. Determinants of participation in recreation.

Media vs. leisure time. Mass media. Mass culture.

3. Prerequisites

none

4. Objective of the course

The main objective of the lecture is to introduce leisure time pedagogy and its theories, aims and tasks.

5. Literature

Pięta J. *Pedagogika czasu wolnego*, Warszawa, 2004

Tauber R. D., Siwiński W. *Pedagogika czasu wolnego, zarys wykładu*. Poznań 2002

Siwiński W. *Wprowadzenie do teorii czasu wolnego i rekreacji ruchowej*, Poznań 1996

Wolańska T. *Wychowanie do rekreacji fizycznej*, Warszawa 1988

6. Type of course

Obligatory

7. Teaching team

Institution of Recreation

8. Course structure

Form	Number of hours	Semester	Year of studies
Lectures	30	III	II
Classes	15	III	II
Projects			
Seminars			
Total student's workload	180		

9. Conditions of the course acceptance:

Lectures – written exam,

Classes - credit

10. Language:

Polish

ECTS credits

1,1

1. Course name**Swimming****2. Course description**

Safety regulations (BHP) during the classes, the swimming-pool regulations. The exercises accustoming to water. The technique of swimming crawl backstroke and on the breast, the breaststroke. Coordination of work of hands, legs and breath. Rescue service, the first aid to drowning man, towing.

3. Prerequisites

Participation in the classes, mastering the knowledge relating from the subjects of the classes.

4. Aim of the course

Acquiring the ability of the basic styles swimming.

Providing the first aid to drowning man..

5. Literature

Czabański B. Nauczanie techniki pływania; AWF Wrocław 1982

Dybińska E., Wójcicki A. Wskazówki metodyczne do nauczania pływania, AWF Kraków, 1986

Kalinowski A. Nauka pływania na obozach i koloniach; Warszawa 1973

Karpiński R. Pływanie – podstawy techniki pływania; AWF Wrocław 2000

Wiesner W. Nauczanie-uczenie się pływania, AWF Wrocław, 1981

Wiesner W. Metodyka ratownictwa wodnego; Wrocław 1981

6. Type of course

Obligatory

7. Teaching team

Departments of Tourism, Recreation and Physical Education

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	15/15	II, II	I
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Classes - the credit with mark

10. Language:

Polish

ECTS credits

5

1. Course name

Basis of recreation

2. Course description

Basic deadlines with field of recreation. The recreation in cycle of the man's life. The basic forms, method and the centres of recreation. Factors of development of recreation. The recreational events - the principle of organization and the service. The organization of recreation in Poland. Picture of worker of recreation. Basic legal valid in recreation acts. The method and the of investigations applied in field of motive recreation techniques.

3. Prerequisites

numbered previous semester

4. Aim of the course

The introduction with basic notions the listeners with range of motive recreation is the aim of lecture. The formation in the face recreation the proper attitudes and the students' theoretical preparation to programming as well as the realization of recreational occupations.

5. Literature

Toczek – Werner S. – Podstawy rekreacji i turystyki. Wyd. AWF Wrocław 2005r.

Łobożewicz T., Wolańska T. – Rekreacja i turystyka w rodzinie. T1 Biblioteka PTNKF, Warszawa 1994r

Kozdroń E. (1999) „Poradnik dla instruktora rekreacji ruchowej z zakresu teorii i metodyki i rekreacji.” Warszawa

Demel M., Humen W (1970) „Wprowadzenie do rekreacji fizycznej” Warszawa.

6. Type of course

Obligatory

7. Teaching team

Institution of Recreation

8. Course structure

Form	Number of hours	Semester	year
Lecture	15	I	I
Classes	30	I	I
Laboratory			
Project			
Seminar			
Total student's workload	200		

9. Conditions of the course acceptance:

lecture - written examination,

practice - credit

10. Language:

Polish

ECTS credits

5

1. Course name

Basis of tourism

2. Course description

Basic notions and applied in tourism definitions. Systematics of touristic movement and the basic forms of tourism. The functions and the aims of touristic activity. History of touristic movement. The structure and the organization of tourism. Conditioning of development of tourism. The basis of the sight - sees knowledge and ecological. Current tendencies of development of tourism. Recorded touristic movement in Poland - international tourist.

3. Prerequisites

Inscription on suitable semester of studies

4. Aim of the course

It is the aim of object connected the introduction with bases the students of wide comprehended problems with tourism. The meeting of basic questions relating the touristic movement the as well as organization of tourism in Poland

5. Literature

Borne H., Doliński A. (1998). *Organizacja Turystyki*. Wydawnictwa Szkolne i Pedagogiczne. Warszawa.

Czerwieński J. (2007). *Podstawy turystyki*. PWSZ Legnica.

Gaworecki W.W. (2000). *Turystyka*. Polskie Wydawnictwo Ekonomiczne. Warszawa.

Lijewski T., Mikułowski B., Wyrzykowski J. (2002). *Geografia turystyki Polski*. PWE Warszawa.

Łobożewicz T., Bieńczyk G. (2001). *Podstawy Turystyki*. Wyższa Szkoła Ekonomiczna, Warszawa

6. Type of course

Obligatory

7. Teaching team

Institution of Tourism

8. Course structure

Form	Number of hours	Semester	year
Lecture	30	I	I
Classes	15	I	I
Laboratory			
Project			
Seminar			
Total student's workload			
	200		

9. Conditions of the course acceptance:

Lecture - written examination,

Practice - credit

10. Language:

Polish

ECTS credits

3

1. Course name**Basic Marketing****2. Course description**Lecture:

Company on the market. The meaning and importance of marketing. Purchasers' behavior. Marketing information system /SIM/ in a company. Marketing research. Marketing strategy creating process in a company. The product. The price. The distribution. The promotion. The marketing action control. Marketing details of certain business activities.

Practice:

Analysis of some study cases in the range of: analysis of the market, analysis of the company's situation by means of the SWOT and BCG method, analysis of the purchasers' behavior, the clients' market segmentation, key marketing problems identification connected with the specific marketing elements such as: product, price, distribution, promotion.

3. Prerequisites

passing „The Management Bases” course

4. Aim of the course

The aim of the lectures of „Basic Marketing” is to teach the key issues about the meaning, the function and the role of marketing, the analysis process of the market environment, building the marketing strategy, rules of creating and the use of the marketing tools as well as the methods of conducting the market research. Theory will make the base for building up the practical part of the course, which will include the analysis of some study cases describing the current problems of Polish companies. By learning the theory and taking part in the practical part, the students should learn to identify the key marketing problems of the company, to use the rich marketing tools as well as to draw the conclusions and future suggestions.

5. Literature

Kotler P.: *Marketing*, Dom Wydawniczy Rebis, 2005.

Kotler P., Armstrong G., Saunders J., Wong V.: *Marketing. Podręcznik Europejski*. PWE, Warszawa 2002

Altkorn J. (red.): *Podstawy marketingu*, Instytut Marketingu. Kraków 2002

Garbarski L., I. Rutkowski, W. Wrzosek: *Marketing. Punkt zwrotny nowoczesnej firmy*, PWE. Warszawa 2001

Przybyłowski K., Hartley S., Kerin R., Rudelius W.: *Marketing*, Dom Wydawniczy ABC, 1998.

Radkowska J, Radkowski K.: *Marketing usług w teorii i praktyce*, Stowarzyszenie na Rzecz Rozwoju PWSZ im. Witelona w Legnicy „Wspólnota Akademicka”, Legnica 2006.

6. Type of course

Obligatory

7. Teaching team

Institution of Sciences about Enterprise and Marketing

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15	IV	II
Classes	15	IV	II
Laboratory			
Project			
Seminar			
Total student's workload	80		

9. Conditions of the course acceptance:

lecture - credit

seminar - credit

10. Language:

Polish

ECTS credits

3

1. Course name Law**2. Course description**

Notion of sources of right. The source of right universally and internally valid;

The profile of legal acts universally valid { the constitution of, law, the ratified contracts the international, decrees, the acts of local right);

The profile of legal acts internally valid: the resolution of lower house and the ministers', instructions senate, resolution of the ministers' advice and president of the ministers' advice;

Right the legislative initiative, legislative mode, promulgation of law;

The general notion of system - the right as system of norms;

The notion of legal recipe and the legal norm; the kinds of norms;

The kinds of incompatibility between legal norms;

Hatches in almost and their kinds;

Rule kolizyjne: hierarchic, content - related, chronological;

Interpretation of right. The notion of linguistic interpretation and the metalinguistic rights of carrying out the interpretation of recipes

The kinds of interpretation of right: with regard on her making subjects (authentic, legal, efficient, declarative, doctrinal), with regard on way her execution (linguistic, system, functional), with regard on her result (literal, expanding, restricting);

The kinds of legal inferences: , resulting instrumental logical resulting; aksiology resulting; argumentum and simili (analog legis, analog iuris); inference and contario, argumentum and fortiori (inference and maiori ad minus, inference and minori ad maius);

The notion of legal relation and his elements;

The kinds of legal relations: relations cywilno - legal and administracyjno - legal; the criteria of favouring the branch of right;

The general profile of civil right;

The general profile of administrative right;

The general profile of penal right;

3. Prerequisites none**4. Aim of the course**

The introduction with basic legal notions the students (the legal recipe, legal norm, system of right, interpretation of right, legal relation);

The profile of legal acts universally and internally valid;

The profile of basic branches of right (right civil, administrative, penal).

5. Literature

S. Kaźmierczyk, Z. Pulka, Wstęp do prawoznawstwa, Wrocław 2001,

H. Rot, Wstęp do nauk prawnych, Wrocław 1992 i nast.

H. Zawistowska, Podstawy prawa w turystyce. Podręcznik dla szkół i licencjatów, Łódź 1999

T. Stawiecki, P. Winczorek, Wstęp do prawoznawstwa, Warszawa 2002

6. Type of course

Obligatory

7. Teaching team

Institution of General Theory of Law

8. Course structure

Form	Number of hours	Semester	year
Lecture	15	II	I
Classes	15	II	I
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Credits

10. Language:

Polish

ECTS credits

5

1. Course name**Psychology****2. Course description**

The introduction in object of psychology.

Main directions in psychology.

Cognitive processes.

Emotional processes and justification.

Personality.

Defensive mechanisms.

Cognitive discord.

Psychology of group

3. Prerequisites

none

4. Aim of the course

The introduction with basic nomenclature the participants and the subject matter of psychology as well as the investigative applied in area of social sciences technicians.

6. LiteratureRobbins, S. P. (2001) *Zasady zachowania w organizacji*. Poznań: Zys i S-ka Wydawnictwo lub inne wydanie tej książki npRobbins, S. P. (2004) *Zachowania w organizacji*. Warszawa: PWEHock, R. R. (2001) *40 prac badawczych, które zmieniły oblicze psychologii*. Gdańsk: Gdańskie Wydawnictwo Psychologiczne**7. Type of course**

Obligatory

8. Teaching team

The institution of Psychology and the Social Communication

9. Course structure

Form	Number of hours	Semester	year
Lecture	15	I	I
Classes	15	I	I
Laboratory			
Project			
Seminar			
Total student's workload	150		

10. Conditions of the course acceptance:

Lecture - written examination,

practice - credit

Language:

Polish

ECTS credits

2/1

1. Course name**Motive recreation and physical improving****2. Course description**

The object prepares the students to fulfilling the function of animator of recreation. It expands the knowledge and the students' skill with range of physical culture as well as it shapes their physical efficiency.

3. Prerequisites

none

4. Aim of the course

The students' preparation is the aim of object to programming as well as the realization of recreational occupations from special regard the games sport - recreational. The delivery the students of knowledge with range of theory of, methodology, technical skills and tactical indispensable to realization of recreational programmes

5. Literature

Błacha R., Bigiel W. [red.] – *Turystyka i rekreacja w środowisku przyrodniczym w okresie letnim*. AWF Wrocław 2003.

Burgiel R. – *Poradnik animatora i organizatora imprez w sporcie dla wszystkich*

Chrostek L., Łabaj M. – *Gry rekreacyjne „Sport dla wszystkich”*. ZG TKKF Warszawa 1982 r.

Fąk T., Szałtynis D. – *Gry rekreacyjne „Sport dla wszystkich”*. Zeszyty nr 1 i 2 ZG TKKF Warszawa 1995 r.

Jeger A., Kozdroń E. – *Metody oceny sprawności i wydolności fizycznej człowieka*. ZG TKKF Warszawa 1997 r.

Nonas N. – *Gry i zabawy ruchowe*. IW CRZZ Warszawa 1974.

Szałtynis D. – *Gry rekreacyjne dla niepełnosprawnych*. ZG TKKF Warszawa 1996 r.

Szałtynis D. – *Gry rekreacyjne w szkole*. ZG TKKF Warszawa 1996 r.

Trześniowski R. – *Gry i zabawy ruchowe*. „Sport i Turystyka” Warszawa 1953.

Żmudzki J. – *Gry i zabawy rekreacyjne*. ZG TKKF Warszawa 1981 r.

6. Type of course

Obligatory

7. Teaching team

Institution of Recreation

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30, 30	IV, V	II, III
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

credits

10. Language:

Polish

ECTS credits

1,1,1

1. Course

Graduation seminar

2. Description

This seminar will explicate the principles of writing a graduation thesis. This will include: its substantive aspects and the drafting and editing aspects of the writing process; the meaning of critical thinking and research methods used in pedagogy; determination and formulation of thesis subject and definition of thesis goals; plan of work; ethical aspects of thesis writing (i.e. risk of plagiarism and its consequences); the researcher's ethical code; analysis of source text and gathering and work on the sources; writing chapters; discussing problems related to the thesis and searching for solutions in the colloquium group setting; the final stage of writing: editing the preface, creating a bibliography and annexes, correcting mistakes, and having the thesis accepted and marked.

3. Prerequisites

The requirements defined in PWSZ regulations.

4. Aim of the course

The main goal of the diploma seminar is to increase students' knowledge in specified science fields, to improve their abilities of critical thinking and study of research methods, to extend their abilities of defining investigation problems and to search for creative solutions

5. Literature

Palka S. (1999), Pedagogika w stanie tworzenia. Wyd. UJ, Kraków

Palka S. (2003), Pedagogika w stanie tworzenia: kontynuacje. Wyd. UJ, Kraków

Palka S. (2006), Metodologia badania: praktyka pedagogiczna. GWP, Gdańsk

Boć J., konsultacja filologiczna J. Miodek (2003), Jak pisać pracę magisterską. Kolonia Limited, Wrocław

Węglińska M. (1997), Jak pisać pracę magisterską. Oficyna Wydawnicza „Impuls”, Kraków

6. Type of course

Required

7. Teaching team

Institute of Pedagogy, Tourism and Recreation

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Exercises			
Laboratory			
Project			
Seminar	15, 30, 30	IV, V, VI	II, III
Total student's workload	200		

9. Conditions of the course acceptance:

Credits and preparation of qualifying work

10. Language:

Polish

ECTS credits

2/2

1. Course name

Silesia - regional geography and touristic

2. Course descriptionLecture

General knowledge about region

Municipal colonization and country

Geographical regions of Silesia

It happens farm implement touristic

The values and the touristic supplies of region

Touristic attractions of Silesia

The sight - sees literature, source of touristic information

3. Prerequisites

Credit of practices

4. Aim of the course

The introduction with values the touristic - the sight - see the region, history of tourism, state of touristic the farm implements

5. LiteratureCzerwiński J., *Dolny Śląsk*, Wydawnictwo Sport i Turystyka, Warszawa 1999.*Dolny Śląsk. Śląsk Opolski. Atlas*, Wydawnictwo Kartograficzne EKO-GRAF, Wrocław 2005.Kondracki J., *Geografia regionalna Polski*, Wydawnictwo Naukowe PWN, Warszawa 2002.Lijewski T., Mikułowski B., Wyrzykowski J., *Geografia turystyki Polski*, PWE, Warszawa 2002.**Łuczyński R.M., *Zamki i pałace Dolnego Śląska*, Oficyna Wydawnicza Politechniki Wrocławskiej, cz. 1-4, Wrocław 1997-2002.**Mazurski K.R., *Geografia turystyczna Sudetów*, Oficyna Wydawnicza Sudety, Wrocław 2003.*Słownik geografii turystycznej Sudetów* pod redakcją Marka Staffy, t 1-20, Warszawa-Kraków 1989-1993, Wrocław 1993*Strategia rozwoju turystyki dla województwa dolnośląskiego*, Polska Agencja Rozwoju Turystyki, Warszawa 2001 (<http://dot.org.pl/zdjecia/pdf>)

„Sudety. Przyroda. Kultura. Historia”, miesięcznik Oficyny Wydawniczej ATUT, Wrocław 2001-

6. Type of course

Obligatory

7. Teaching team

Institution of Tourism

8. Course structure

Form	Number of hours	Semester	year
Lecture	15, 15	V, VI	III
Classes	15, 15	V, VI	III
Laboratory			
Project			
Seminar			
Total student's workload	200		

9. Conditions of the course acceptance:

Lecture - written examination,

Practice - credit

10. Language:

Polish

ECTS credits

3

1. Course name**Sociology****2. Course description**

The object and the range of investigations of sociology.

The sociology of education as field of sociology. The beginnings and the development of sociology of education in Poland. The sociology of education and the sociology of education. Bringing up society in Florian Znaniecki's conception. Elements of sociological theory of education. Social functions of education. The sociological functions of general education and specialist. Education and socialization. Theories of socialization. The process of socialization - his course and the mechanisms. Social environment as educational environment. Local communities and regional. Measurement of environment. The social structure of environment and the education. Family and her educational functions. The range and the object of investigation of family in sociology of education. Educational meaning of different groups. School as social system. The sociological problems of management at education and different institutions of education. School class as social group. Teacher, tutor and school class. The structure and the mechanisms of socialization. The social makrostruktura and the systems of education. Individual and society. Social differentiation. Educational ideologies. Factors of development of systems education. Globalization's aspects.

3. Prerequisites

none

4. Aim of the course

It is the aim of occupations introduction students from: the problems of social pathologies, complexity of pathological phenomena, causes and the social results.

5. Literature

Giddens A., Socjologia, Warszawa 2004

Siemaszko A., Granice tolerancji. O teoriach zachowań dewiacyjnych, Warszawa 1993

Sztompka P., Socjologia. Analiza społeczeństwa, Kraków 2002

Jarosz M., Władza, przywileje, korupcja, Warszawa 2004

Morawski W., Socjologia ekonomiczna, Warszawa 2001

Wnuk-Lipiński., Socjologia życia publicznego, Warszawa 2005

6. Type of course

Obligatory

7. Teaching team

Institution of Sociology and Social Communication

8. Course structure

Form	Number of hours	Semester	year
Lecture	15	III	II
Classes	15	III	II
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

credits

10. Language:

Polish

ECTS credits

3

1. Course name

Instructor specialisation of motive recreation

2. Course description

The object is professional preparing the students to fulfilling the animator's function object - the instructor of recreation. It provides in knowledge the students and the skill with range of chosen of recreational sport. The students get to know the basis of physiology of effort, the bases master the methodical teachings of motive actions, the basic methods of sport training get to know. During practices students shape their physical efficiency also.

3. Prerequisites

Inscription on suitable semester of studies. The capture of basic skills with range of chosen sport discipline.

4. Aim of the course

The students' preparation is the aim of object to programming as well as the realization of recreational occupations from special regard the games sport - recreational. The delivery the students of knowledge with range of theory of, methodology, technical skills and tactical indispensable to realization of recreational programmes.

5. Literature

Chrostek L., Łabaj M. – *Gry rekreacyjne „Sport dla wszystkich”*. ZG TKKF Warszawa 1982 r.

Fąk T., Szałtynis D. – *Gry rekreacyjne „Sport dla wszystkich”*. Zeszyty nr 1 i 2 ZG TKKF Warszawa 1995 r.

Burgiel R. – *Poradnik animatora i organizatora imprez w sporcie dla wszystkich*

Jeger A., Kozdroń E. – *Metody oceny sprawności i wydolności fizycznej człowieka*. ZG TKKF Warszawa 1997 r.

Kiełbasiewicz-Drozdowska I. i Siwiński W. (red) – *Teoria i metodyka rekreacji (Zagadnienia podstawowe)*. AWF Poznań, 2001.

6. Type of course

Obligatory

7. Teaching team

Institution of Recreation

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30, 15	V, VI	III
Classes	30, 15	V, VI	III
Laboratory			
Project			
Seminar			
Total student's workload	500		

9. Conditions of the course acceptance:

Lecture - written examination,

Practice - credit

10. Language:

Polish

ECTS credits

3

1. Course name

Touristic and recreation of handicaped persons

2. Description:

Definitions crippleddom and disability. International organisations to aid disabled persons. Special needs for groups of disabled persons: blind, deaf, on wheelchair, after oncological therapy, mentally handicaped and with other illness.

3. Prerequisites

None

4. Aim of the course

Classification of disability. Preparing positive attitude to disabled persons. Competence to provide for the needs disabled persons in touristic.

5. Literature

Kirenko J., *Oblicza niepełnosprawności*, Lublin 2006.

Krajoznawstwo i turystyka osób niepełnosprawnych, red. F. Midura, J. Żbikowski, Biała Podl. 2005.

Turystyka i rekreacja osób niepełnosprawnych, red. T. Łobożewicz, Warszawa 2000.

Skalska T., *Turystyka osób niepełnosprawnych. Ograniczenia i możliwości rozwoju*, Warszawa 2003.

Integracja społeczna osób niepełnosprawnych, red. G. Dryżałowska, H. Zuraw, Warszawa 2004.

Praca, sport i wypoczynek osób niepełnosprawnych, red. J. Bergier, Biała Podlaska 2001.

Praca socjalna z osobami z zaburzeniami psychicznymi, red. J. Meder, Katowice 2002.

Szczepankowski B., *Niesłyszący, głusi, głuchoniemi: wyrównywanie szans*, Warszawa 1999

6. Type of course

Obligatory

7. Teaching team

Institution of Tourism

8. Course structure:

Form	Number of hours	Semester	year
Lecture	15	VI	III
Classes	15	VI	III
Laboratory			
Project			
Seminar			
Total student's workload	80		

9. Conditions of the course acceptance:

Written test are the conditions of ranking the lecture.

10. Language:

Polish

ECTS credits

2

1. Course name

Information Technology

2. Course descriptionLaboratory

Basis conceptions and definitions used in Computer Science

Elements of architecture and functioning of a computer

The introduction to the computer usage

The Basic characteristics of operational system Windows XP: functions of the operational system

TOOL SOFTWARE(ANTIVIRUS PROGRAMS, ARCHIVE, DIAGNOSTIC AND OPTIMIZING)

Internet: characteristics, functions and usage of the Internet, the services available in Internet

Text editors on the example of WORD 2003: the edition of the complex documents (with many pages), charts, inserting of the graphics (advanced methods), the edition of the mathematical formulas, the table elements of documents(paginations, headlines, Footer), creation of the contents and index(subscripts, superscripts), tabulator, numbering, bullets formatting a text in columns, the serial correspondence, forms, automation of the work, planning and creating professional documents and publications, computer composing of the compact descriptions

Computer data analysis(the area of usage of the data analysis), the rule of sheet's creation, types and structures of data, implementation and formatting of data, basic statistical analysis. The advanced topics: the elements of programming in CALCULATING SHEET, management of the sheets and folders, sheet as the data basis (addition of the records, sorting and managing the lists, using filters, sheet for the group work, advanced formulas and functions, presentations of the graphical data- MICROSOFT MAP, presentations and preparations of large printed papers, advanced operations on lists(pivot tables, chart), macrodefinitions, preparations of algorithms of economic problems.

Work in program used for creating the presentations Power Point or FLASH

Preparing own presentation

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction of the basic informatical knowledge about the using of the most commonly used software. Learning students about the basic definitions, practical skills and learning them how to perceive, formulate and solve the problem

The usage of the information technology while creating the own basis of the intellectual work: conversion of texts, the rules of using the calculating sheet, data basis, the manager's graphics and presentations and services in informatic nets

5. Literature

R. Supranowicz, L.Łozowski, *Systemy operacyjne Windows oraz Microsoft Office 2000 w praktyce*, PWSZ im.Witelona w Legnicy 2005

A. Bąk (red.), *Wprowadzenie do informatyki dla ekonomistów*, Wyd. AE Wrocław 2000

Z. Dec; R. Konieczny, *ABC...komputera 2000*, EDITION 2000, Kraków, 2000

K. Kluczna, *ABC...Windows 2000*, EDITION 2000, Kraków, 2000

6. Type of course

Obligatory

7. Teaching team

Institution of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory	30	I	1
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Laboratory and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

5

1. Course name

The theory and the methodology of recreation

2. Course description

The creature and the conditioning of the free time behaviours the of informative society; the determinants of the free time behaviours - philosophical, educational, biological, cognitive, cultural, psychological, economic, ideological; the educational aspects of free time and the recreation; the elements of process of recreation; the programming and the classification of recreational events; the forms of motive recreation and the farm implements for needs their realization; practice: the meaning of recreation in life of the man's present; motive recreation as source satisfying needs; the barrier and the difficulty in undertaking the motive recreation as well as ways of their removing; the figure of animator of recreation and his the part the social - professional; the conditioning, symptoms and structure of the man's motoric; the discussion and the use of basic forms, centres and the applied in motive recreation methods.

3. Prerequisites

numbered previous semester

4. Aim of the course

The creating the active attitude of animator of recreation, introduction with bases of the man's motoric, purchase the knowledge as well as the practical skills in range of basic forms, the centres and the applied in motive recreation methods

5. Literature

Toczek-Werner S (2002) „Podstawy rekreacji i turystyki”. AWF Wrocław
 Fąk T. (2002) „Wychowanie do rekreacji ruchowej młodzieży szkolnej” AWF Wrocław
 Osiński W. (2002) „Antropomotoryka” AWF Poznań
 Olex. M. (2001) „Fitness – metodyka i praktyka.” Katowice;
 Gracz J., Sankaska T. (2001) „Psychologia w rekreacji i turystyce.” AWF Poznań
 Kiebasiewicz-Drozdowska I., Siwiński W. (2001) „Teoria i metodyka rekreacji.” Poznań
 Bishop G. (2000) „Psychologia zdrowia”. Wrocław
 Pilawska A., Pilawski A. (1999) „Zarys metodyki rekreacji ruchowej.” Katowice
 Kozdroń E. (1999) „Poradnik dla instruktora rekreacji ruchowej z zakresu teorii i metodyki i rekreacji.” Warszawa
 Mądrzycki T. (1996) „Osobowość jako system tworzący i realizujący plany.”
 Reddin B. (1993) „Testy dla menadżerów stawiających na efektywność.” Warszawa
 Demel M., Humen W (1970) „Wprowadzenie do rekreacji fizycznej” Warszawa.

6. Type of course

Obligatory

7. Teaching team

Departments of Recreation

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30	IV	II
Classes	30	IV	II
Laboratory			
Project			
Seminar			
Total student's workload	200		

9. Conditions of the course acceptance:

Lecture - written work, credits

10. Language:

Polish

ECTS credits

3

1. Course name**Active tourism****2. Course description**Lectures

The place of active tourism in present the touristic movement. Active tourism and qualified tourism. Environmental and geographical conditioning active tourism. Form of active tourism. The principle of safety on events of active tourism. Safety and hygiene in tourism. Touristic organizations, touristic badges, touristic routes. Strategy of development of active tourism. The Trekking and the survival as form of active tourism.

Practice

The principle of programming and the organization of events of active tourism. Realization of events of active tourism. The guidance, information and the przewodniki (the skill of using with them in different conditions). Equipment in active tourism.

3. Prerequisites

none

4. Aim of the course

Introduction with relating tourism problems students is the aim of object qualified as well as wider understood active tourism. The students get to know the basic forms of active tourism, they learn the principles of organization and leadership of events of this form of tourism. The exhibition the factors of development of active tourism is the aim also as early as from social factors, and economic, across specialist values mainly - Poland after principle of selection of suitable equipment. In frames practices students learn to programme this type of event.

5. Literature

Barman B., Siller T. (1996), *Trekking*. Wydawnictwo Znak, Kraków.

Łobowicz T., (1983), *Turystyka kwalifikowana*. Wydawnictwo PTTK Kraj.

McManners Hugh, (1995), *Z plecakiem przez świat: ABC Trekking*. Wydawnictwo Galaktyka

Merski J. (2002). *Turystyka kwalifikowana*. Wyższa szkoła ekonomiczna w Warszawie.

Toczek-Werner S. (red.) (2007), *Podstawy rekreacji i turystyki*. Wrocław, Wydawnictwo Akademii Wychowania Fizycznego.

6. Type of course

Obligatory

7. Teaching team

Institution of Recreation

8. Course structure

Form	Number of hours	Semester	year
Lecture	15,15	V, VI	III
Classes	15,15	V, VI	III
Laboratory			
Project			
Seminar			
Total student's workload	200		

9. Conditions of the course acceptance:

Lecture - written examination,

practice - credit in every semester.

10. Language:

Polish

ECTS credits

3

1. Course name

The tourism and recreation in the summertime (summer camp)

2. Course description

The basics of yachting-the main rules of yachting in the tourism and water recreation

Yachting in the open waters-the introduction to the programming and safe conducting lessons connected with yachting in the open waters in the camp conditions, holiday and the other sports events

The canoeing with the elements of the tourism- preparing students for the safe canoeing in the open waters and preparing for the independent realizing of the sports classes connected with the canoeing

The organizing a spare time-preparing students for realizing of the main cultural and entertaining forms on the classes with the young and adult people during the different sports events

The main forms of the physical activity-independent realizing the main sports classes in the open air

Recreational games-the main games in the open air, preparing to planning, programming and realization of the sports events in the open air

The active tourism and the knowledge connected with the country-the active tourism, cycling, preparing for planning, programming and realizing of the sports events

3. Prerequisites

The active participation in the classes, acknowledging with the topics of the classes

4. Aim of the course

Preparing students for the programming, organizing and conducting various sports classes and also the lessons connected with the tourism in the summertime in the natural environment

5. Literature

Komorowski A. (1988) - Vademecum żeglarstwa. Interster Yachting S.A. Warszawa

Marchaj Cz. (2000) – Teoria żeglowania – aerodynamika. Almapress. Warszawa

Augustyniak P. Opis zagrożeń i podstawy udzielania pomocy w wodzie płynącej; Kraków 2001r.

Wiesner W. – Nauczanie, uczenie się pływania; AWF Wrocław 2000r.

Drabik J. (1991) – Kajakarstwo – teoria i praktyka (Sport i turystyka, rekreacja); AWF Gdańsk

Kiełb M., Lenard J. (1971) – Vademecum turysty kajakarza; Sport i Turystyka, Warszawa

Nawara H. (2001) – Gry i zabawy integracyjne, AWF Wrocław

Szczegodzińska L. (1971) – Gry i zabawy towarzyskie; WZCRZZ Warszawa

Wieczorek R. red. (2000) – Rekreacja ruchowa dzieci i młodzieży w plenerze; ZG TKKF Warszawa

Burgiel R. K. (2000) – Poradnik organizatora imprez sortowych i rekreacyjnych; ZG TKKF Warszawa

Błacha R., Bigiel W. (2003) – Kultura fizyczna w środowisku przyrodniczym w okresie letnim; AWF Wrocław

Fąk T., Kaik A., Opoka D. (2000) – Sport dla wszystkich, gry rekreacyjne; TKKF Warszawa, Zeszyt 4

Czerwiński J. (2006) – Turystyka. Wybrane zagadnienia. Wyd. PWSZ im. Angelusa Silesiusa w Wałbrzychu

Merski J. (2002) – Turystyka kwalifikowana; Wyższa szkoła ekonomiczna w Warszawie.

6. Type of course

Obligatory

7. Teaching team

Institution of Recreation, Institution of Tourism

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	56	II	I
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Classes-active participation in the classes and the terminal test

10. Language:

Polish

ECTS credits

3

1. Course name**Tourism and recreation in winter period (winter camp)****2. Course description****Theory:**

The safety in skiing and on occupations with organization of events as well as the games and the integrational parties on snow.

The part of equipment, clothes and the preparation of ski routs to skiing.

The part of preparation the conditional - skill to growing the skiing.

Grown in mountain natural environment the influence of skiing on functioning organism of the man's present.

The part of lanscape values during growing the ski tourism.

The basic messages with history of skiing.

The winter offer the touristic - recreational in range of motive activity in mountain areas.

Persons' marketing service using with ski tourism.

Practician

The science of basic techniques (angular, parallel) the skiing congressional.

Science of basic ways of movement on gear skis.

The science of basic forms of active rest across integration in natural environment in winter across game, the party and the integrations events.

3. Prerequisites

none

4. Aim of the course

The introduction from chosen the students the of motive activity realized in mountain terrains forms as well as equipment their in message and the skill with this range

5. Literature

Białek E. (1997) Edukacja integrująca. Alternatywa czy konieczność. PTP Oficyna Wydawnicza „Impuls”, Kraków.

Bondarowicz B. (1995) Zabawy i gry ruchowe na cztery pory roku. Zima. Wydawnictwo Bellona, Warszawa.

Burgiel R. (1996) Poradnik animatora i organizatora imprez w sporcie dla wszystkich. TKKF Warszawa.

Fąk T. Kaik A. (2004) Gry i zabawy integracyjne. PWSZ im. Witelona w Legnicy

Zatoń M. (1996) Podstawy narciarstwa zjazdowego. „Signum”, Wrocław.

Vysata K. (2002) Narciarstwo zjazdowe. AWF Warszawa

6. Type of course

Obligatory

7. Teaching team

Institution of Recreation

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	56	III	II
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Credits

10. Language:

Polish

ECTS credits

1/1

1. Course name

Physical education

2. Course description

The concepts of games, plays and sport team plays. The goals, roles of the recreation games and plays, the basic elements of the technique and tactics of the selected games, plays, refereeing, equipment, organizing the contests (ringo, badminton, unihockey /floorball/, kortball)

3. Prerequisites

Participation in the classes, mastering the knowledge relating from the subjects of the classes.

4. Aim of the course

Learning different kinds of motion games and plays

Learning the rules of organizing and running the motion games and plays.

The rules of the recreation games.

5. Literature

1. Bondarowicz M. (1986r.) Zabawy i gry ruchowe, AWF Warszawa
2. Bondarowicz M. , Saniszewski T. (2000r.) Podstawy teorii i metodyki zabaw i gier ruchowych, AWF Warszawa
3. Wołyniec J.(red.), (2006r.) Przepisy gier sportowych w zakresie podstawowym. Wyd. B.K. Wrocław
4. Mielniczuk M., Staniszewski T. (1999r.) stare i nowe gry drużynowe, Talbit Warszawa
5. Nawara H., Nawara U. (2001r.) Gry i zabawy integracyjne, AWF Wrocław
6. Fąk T., Szatynis D. (1995r.) Sport dla wszystkich, gry rekreacyjne. TKKF Warszawa, zeszyt 1
7. Flemming I, Fritz J. (1998r.) Zabawy ruchowe, Jedność Kielce

6. Type of course

Obligatory

7. Teaching team

Institution of Tourism , Institution of Recreation

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	15/15	I, II	I
Laboratory			
Project			
Seminar			
Total student's workload			

9. Conditions of the course acceptance:

Classes - the credit with mark

10. Language:

Polish

ECTS credits

2

1. Course name**Touristic farm implements and recreational****2. Course description**

Touristic farm implements in planning spatial. The principle and the directions of touristic the farm implements of Poland. Areas and rest regions. Principle of location of rest centres. The terrains of holiday tourism (weekend). Health resort and their farm implements.

The opinion of touristic values as basis of plans the touristic the farm implement. The valorization of scenery, cultural environment and the visual environment. Spatial order, ecological order and architectural order. The touristic the farm implements in context of general principles of formation of buildings and the scenery.

Husbanding touristic values. The opinion of absorbency and the touristic capacity. Touristic economy on protected areas. Forest Promotive Complexes.

Adaptation to needs of touristic movement the values. Principle of programming of for the sight - see trips the service devices. The organization of routes of wander touristic pedestrians, horse, water and car. Hostel base, gastronomy and communication.

Creating and enriching touristic values. Device for specialist tourism.

The of values called out with tourism threats and the protection of touristic values. Protection before threats and resulting from growing tourism dangers.

Touristic farm implements forests, lakes and rivers in recreational aims and sight - see.

Natural paths.

3. Prerequisites

none

4. Aim of the course

The introduction with bases the students is the aim of object and the elements of spatial planning in aspect of tourism, in support about law about planning spatial the and related laws. The hitherto exist conceptions of touristic farm implements of Poland be talked over become and their realization. The examples the principles of the farm implements of regions, locality on chosen will be omawiać and the objects for needs of different forms of tourism and rest.

5. Literature

Rogalewski O.: „Zagospodarowanie turystyczne”. Wydawnictwa Szkolne i Pedagogiczne, Warszawa 1974.

Kompendium wiedzy o turystyce. Wydawnictwo Naukowe PWN, Warszawa-Poznań, 2002.

Krzymowska-Kostrowicka A.: „Geoekologia turystyki i wypoczynku”. Wydawnictwo Naukowe PWN, Warszawa 1997, s. 239.

6. Type of course

Obligatory

7. Teaching team

Institution of Tourism

8. Course structure

Form	Number of hours	Semester	year
Lecture	15	IV	II
Classes	15	IV	II
Laboratory			
Project			
Seminar			
Total student's workload	50		

9. Conditions of the course acceptance:

Lecture - credit

practice - credit

10. Language:

Polish

ECTS credits

5

1. Course name**Management****2. Course description**

Organization and management - directions, currents, conceptions

Direction of scientific management

Direction of administrative

School of interhuman relations

Conceptions of organizational game

Conception of organizational equilibrium

"New wave" and postmodernizm in management

Management as art, practician and science

Organization in surroundings and her components

Management as decission process

Strategic management and operating management

Planning as function of management

Organization as process of formation of organizational structures

Personal function and motivating

3. Prerequisites

none

4. Aim of the course

The delivery is the aim of lecture the students of knowledge about functioning the organization and their management. Accomplished the review of basic directions becomes and the conception of management of from scientific management beginning on conception of virtual organization finishing.

5. Literature

M. Przybyła (red.): „Organizacja i zarządzanie. Podstawy wiedzy menedżerskiej”, wydawnictwo Akademii Ekonomicznej we Wrocławiu, Wrocław 2001,

A.K. Koźmiński, W. Piotrowski (red.): „Zarządzanie. Teoria i praktyka”, PWN, Warszawa 1996,

Griffin R.W. „Podstawy zarządzania organizacjami”, PWN, Warszawa 2001,

H. Steinmann, G. Schreyogg: „Zarządzanie”, Oficyna Wydawnicza Politechniki Wrocławskiej, Wrocław 1998

6. Type of course

Obligatory

7. Teaching team

The institution of Theory and the Organization of Management

8. Course structure

Form	Number of hours	Semester	year
Lecture	30	I	I
Classes	15	I	I
Laboratory			
Project			
Seminar			
Total student's workload	200		

9. Conditions of the course acceptance:

lecture - written examination,

practice - credit

10. Language:

Polish

ECTS credits

3

1. Course name*The hotel management***2. Course description**

The hotel as a business. The definitions: a business, an enterprise, an entrepreneur. The attributes of the hotel business. The classification of the hotel business. The establishing of the hotel enterprise. The definition of the hotel management. The functions of the hotel management. The strategic and operation planning process: the definition and the core tools. The organizations of the hotel business. The definition, functions and types of organizational structure of the hotel industry. The motivation systems in the hotel industry. Internal marketing as the modern motivation method. The audit in the hotel management. The methods of the measurement of the hotel operations. The present methods and techniques of the hotel management.

3. Prerequisites

The hotel industry

4. Aim of the course

The delivering the core knowledge about the nature of the hotel management, its functions and the new trends in the hotel management, and also practice skills of the establishing of the hotel enterprise and the running hotel business, the using of the measurement tools of the hotel operations (yield management).

5. Literature

Nawrocka E., Oparka S., Hotel w XXI wieku. Zarządzanie w warunkach globalizacji, Wrocław, Wydawnictwo Wyższej Szkoły Zarządzania „Edukacja”, 2007.

Hotelarstwo. Usługi – eksploatacja - zarządzanie. A. Panasiuk, D. Szostak (red.). Warszawa, Wydawnictwo Naukowe PWN 2008.

Knowles T., Zarządzanie hotelarstwem i gastronomią. Warszawa, PWE 2001.

Przedsiębiorstwo turystyczne. A. Rapacz (red.) Warszawa, Difin 2007.

Piasta J., Marketing w hotelarstwie. Warszawa, Jacek Piasta – Doradztwo 2007.

6. Type of course

Obligatory

7. Teaching team

Institution of Tourism

8. Course structure

Form	Number of hours	Semester	year
Lecture	30	IV	II
Classes	15	IV	II
Laboratory			
Project			
Seminar			
Total student's workload	100		

9. Conditions of the course acceptance:

Lecture – the essays and written tests

Classes – the essays and written tests

10. Language:

Polish

Management and Production Engineering

The graduate of seven semesters studies with an engineer degree possesses interdisciplinary knowledge in the field of production engineering, economy, business, quality and logistic management. The graduate receives an engineering diploma.

The graduates are prepared for designing production systems, for performing modernization, innovation and restructurization processes of various manufacturing and service systems. The combination of engineering and managerial skills gives large employment and further promotion opportunities in later work. In order to specify professional education and competences the graduates have the possibility to acquire knowledge in thematic subjects in domain of chosen specialization:

- Industrial Systems Control
- Logistics
- Industrial Safety Engineering

The graduates are prepared to continue their studies at complementary MA studies in economic or technical specializations.

All graduates have ability to adapt to fast changing conditions and requirements in various industrial and service companies, especially in small and medium enterprises. They are able to perform managerial duties in the field of quality management, production control, logistics and exploitation, in all areas of a company. The graduates have also competences in sphere of finance and marketing management and in solving problems concerning protection of environment.

Specialization: Industrial Systems Control

The graduate of this specialization possesses knowledge in the field of systems organization and in the field of innovative production control and management. He/she will be appreciated everywhere where it is necessary to modernize industrial systems, change their organization or transform actual systems into dynamical modern technical and economic structures.

Specialization: Logistics

The graduate of this specialization specializes in the domain of the logistic management, possesses competences in the field of new qualitative and quantitative logistic methods and techniques. He will be appreciated for solving problems and tasks of designing, construction and implementation of logistic strategies and systems, logistic management of computer systems, logistic service of customers and solving other decision problems in the sphere of logistics of individual company and logistic networks. He is also prepared for managing national and international delivery chains.

Specialization: Industrial Safety Engineering

The graduate of this specialization specializes in solving practical problems in organizations from the field of industrial safety engineering and in estimation of occupational risk. He will be appreciated everywhere where it is necessary to prepare and implement technical and organizational solutions, minimizing the effects of influence of work process on a human and where it is necessary to design and implement systems of quality management, environment management and industrial safety management.

Major: Management and production engineering

Specialization: Logistics,

Recruitment: 2007 - 2009

Full time

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Optional humanistic lectures	30							30					1	Grade
Basic subjects															
2	Chemistry	45	30		15			6							Exam (1)
3	Physics	60							30		30			5	Exam (2)
4	Information Technology	30			30			2							Grade
5	Macroeconomics	30							30					4	Exam (2)
6	Mathematics	120	30	30				6	30	30				6	Exam (1;2)
7	Microeconomics	45	30	15				6							Exam (1)
8	Ecology and management of environment	45							30	15				3	Grade
Main subjects															
9	Materials technology	60	15		15			2	15		15			2	Grade
10	Geometry and engineering graphics	60		30		15		4			15			1	Grade
11	Fundamentals of management	45							30				15	3	Grade
12	Computer science - data bases	30									30			2	Grade
13	Computer science - computer systems	45							15		30			3	Grade
14	Introduction to technique	45	30	15				4							Grade
Total number of hours:			135	90	60	15	0		210	45	120	0	15		
Total number of hours per semester(year)/ECTS:		690	300					30	390					30	
Number of examinations:		6	3						3						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management and production engineering

Specialization: Logistics,

Recruitment: 2007 - 2009

Full time

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Optional humanistic lectures	30	30					2							Grade
2	Foreign language	60		30				1		30				1	Grade
3	Physical education	60		30				1		30				1	Grade
Basic subjects															
4	Operational research	30							15	15				2	Grade
5	Fundamentals of marketing	30	15				15	2						3	Grade
6	Economic law	30							30						Exam (4)
7	Statistics for engineers	30	15	15				4							Exam (3)
Main subjects															
8	Production processes and techniques	75	15			15		2	15		30			3	Grade
9	Basics of engineering design	60	30			30		4							Grade
10	Production and service management	60	30	30				5							Exam (3)
11	Basics of fluid mechanics and thermodynamics	30	15	15				3							Grade
12	Basics of electrotechnics and electronics	45							30	15				3	Grade
13	Accountancy basics	30	15	15				3							Grade
14	Metrology basics	30	15		15			3							Grade
15	Financial management	30							15	15				3	Exam (4)
16	Practice	200												2	Grade
Total number of hours/ECTS:		630	180	135	15	45	15	30	105	105	30	0	0	18	
Subjects for speciality															
1	Introduction to logistics	60							30	30				4	Exam (4)
2	Supply chain management	30							15				15	3	Exam (4)
3	Marketing logistics	30							15	15				1	Grade
4	Basics of mechanics and strength of materials	30							15	15				3	Grade
5	Optional lectures	30							30					1	Grade
Total number of hours:		180	0	0	0	0	0	0	105	60	0	0	15	12	
Total number of hours/ECTS:			180	135	15	45	15	30	210	165	30	0	15	30	
Total number of hours per semester (year):		810	390						420						
Number of examinations:		6	2						4						

Major: Management and production engineering

Specialization: Logistics,

Recruitment: 2007 - 2009

Full time

Year III

No.	Name of subject	Number of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foreign language	60		30				1		30				2	G, E(6)	
Main subjects																
2	Cost accounting for engineers	30	15	15				4							Exam (5)	
3	Production automation and robotisation	45	30		15			4							Exam (5)	
4	Quality management	30	15	15				3							Exam (5)	
5	Safety management	30							15	15				3	Grade	
6	Computer aided engineering CAD/CAM	60									45	15		4	Grade	
7	Logistics in enterprise	30	15	15				2							Grade	
8	Theory of machines	45	15	30				3							Grade	
9	Practice	200												2	Grade	
Total number of hours/ECTS:		330	90	105	15	0	0	17	15	45	45	15	0	11		
Subjects for speciality																
1	Strategic development	30							15	15				3	Exam (6)	
2	Transport systems	30							30					1	Grade	
3	Logistic processes analysis methods	30	15			15		2							Grade	
4	Logistic project management	30							15			15		3	Exam(6)	
5	Costs of logistic processes	30	15	15				1							Grade	
6	Supply logistics	15				15		1							Grade	
7	Production logistics	30	15		15			2							Grade	
8	Personnel management	15	15					1							Grade	
9	Technical infrastructure for logistics	30							15	15				2	Grade	
10	IT infrastructure for logistics	30							15		15			2	Grade	
11	Optional lectures	60	30					2	30					2	Grade	
12	Diploma seminar	45					15	2					30	2	Grade	
13	Diploma thesis							2						4	Grade	
Total number of hours:		375	90	15	15	30	15	13	120	30	15	15	30	19		
Total number of hours/ECTS:			180	120	30	30	15	30	135	75	60	30	30	30		
Total number of hours per semester (year):		705	375						330							
Number of examinations:		6	3						3							

Major: Management and production engineering**Specialization: Logistics,****Recruitment: 2007 - 2009****Full time****Year IV**

No.	Name of subject	Number of hours	Semester 7					ECTS	Form of
			lc	c	lb	p	s		credit
Main subjects									
1	Optional main subjects	30	15	15				3	Grade
Total number of hours:		30	15	15	0	0	0		3
Subjects for speciality									
1	Process methods of management	30	15	15				4	Grade
2	Artificial intelligence methods	60	30				30	5	Grade
3	Intellectual property protection	30	30					4	Grade
4	Law of transport	15	15					3	Grade
5	Diploma seminar	30					30	2	Grade
6	Diploma thesis							9	Grade
Total number of hours/ECTS:		165	90	15	0	0	60	27	
Total number of hours per semester/ECTS:		195	105	30	0	0	60	30	

Major: Management and production engineering

Specialization: Logistics,

Recruitment: 2007 - 2009

Non-stationary

Year I

No.	Name of subject	Number of hours	Semester 1						ECTS	Semester 2						ECTS	Form of credit
			lc	c	lb	p	s	lc		c	lb	p	s				
Subjects of general education																	
1	Optional humanistic lectures	30							30					1	Grade		
Basic subjects																	
2	Chemistry	30	18		12			6							Exam (1)		
3	Physics	36							18		18			5	Exam (2)		
4	Information Technology	30			30			2							Grade		
5	Macroeconomics	24							24					4	Exam (2)		
6	Mathematics	96	24	24				6	24	24				6	Exam (1;2)		
7	Microeconomics	54	36	18				6							Exam (1)		
8	Ecology and management of environment	48							36	12				3	Grade		
Main subjects																	
9	Materials technology	48	12		12			2	12		12			2	Grade		
10	Geometry and engineering graphics	36		12		12		4			12			1	Grade		
11	Fundamentals of management	36							24				12	3	Grade		
12	Computer science - data bases	18									18			2	Grade		
13	Computer science - computer systems	30							12		18			3	Grade		
14	Introduction to technique	24	12	12				4							Grade		
Total number of hours:			102	66	54	12	0		180	36	78	0	12				
Total number of hours per semester(year)/ECTS:		540	234					30	306					30			
Number of examinations:		6	3						3								

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management and production engineering

Specialization: Logistics,

Recruitment: 2007 - 2009

Non-stationary

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit	
			lc	c	lb	p	s									
Subjects of general education																
1	Optional humanistic lectures	30	30					2							Grade	
2	Foreign language	60		30				1		30				1	Grade	
Basic subjects																
3	Operational research	24							12	12				2	Grade	
4	Fundamentals of marketing	30	18				12	2							Grade	
5	Economic law	30							30					3	Exam (4)	
6	Statistics for engineers	24	12	12				5							Exam (3)	
Main subjects																
7	Production processes and techniques	48	12			12		3	12		12			3	Grade	
8	Basics of engineering design	36	18			18		4							Grade	
9	Production and service management	36	24	12				5							Exam (3)	
10	Basics of fluid mechanics and thermodynamics	24	12	12				3							Grade	
11	Basics of electrotechnics and electronics	24							12	12				3	Grade	
12	Accountancy basics	24	12	12				3							Grade	
13	Metrology basics	24	12		12			2							Grade	
14	Financial management	12							12					4	Exam (4)	
15	Practice	120												2	Grade	
Total number of hours/ECTS:		426	150	78	12	30	12	30	78	54	12	0	0	18		
Subjects for speciality																
1	Introduction to logistics	24							12	12				4	Exam (4)	
2	Supply chain management	24							12				12	3	Exam (4)	
3	Marketing logistics	12							12					1	Grade	
4	Basics of mechanics and strength of materials	24							12	12				3	Grade	
5	Optional lectures	18							18					1	Grade	
Total number of hours:		102	0	0	0	0	0	0	66	24	0	0	12	12		
Total number of hours/ECTS:			150	78	12	30	12	30	144	78	12	0	12	30		
Total number of hours per semester (year):		528	282						246							
Number of examinations:		6	2						4							

Major: Management and production engineering

Specialization: Logistics,

Recruitment: 2007 - 2009

Non-stationary

Year III

No.	Name of subject	Number of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foreign language	60		30				1		30				2	G, E(6)
Main subjects															
2	Cost accounting for engineers	24	12	12				4							Exam (5)
3	Production automation and robotisation	36	12		24			4							Exam (5)
4	Quality management	24	12	12				3							Exam (5)
5	Safety management	24							12	12				3	Grade
6	Computer aided engineering CAD/CAM	30									18	12		4	Grade
7	Logistics in enterprise	24	12	12				2							Grade
8	Theory of machines	24	12	12				3							Grade
9	Practice	120												2	Grade
Total number of hours/ECTS:		246	60	78	24	0	0	17	12	42	18	12	0	11	
Subjects for speciality															
1	Strategic development	24							12	12				3	Exam (6)
2	Transport systems	12							12					1	Grade
3	Logistic processes analysis methods	12				12		2							Grade
4	Logistic project management	24							12			12		3	Exam(6)
5	Costs of logistic processes	12	12					1							Grade
6	Supply logistics	12				12		1							Grade
7	Production logistics	18	9		9			2							Grade
8	Personnel management	12	12					1							Grade
9	Technical infrastructure for logistics	12							12					2	Grade
10	IT infrastructure for logistics	18							9		9			2	Grade
11	Optional lectures	36	18					2	18					2	Grade
12	Diploma seminar	36					12	2					24	2	Grade
13	Diploma thesis							2						4	Grade
Total number of hours:		228	51	0	9	24	12	13	75	12	9	12	24	19	
Total number of hours/ECTS:			111	78	33	24	12	30	87	54	27	24	24	30	
Total number of hours per semester (year):		474	258						216						
Number of examinations:		6	3						3						

Major: Management and production engineering

Specialization: Logistics,

Recruitment: 2007 - 2009

Non-stationary

Year IV

No.	Name of subject	Number of hours	Semester 7					ECTS	Form of credit	
			lc	c	lb	p	s			
Main subjects										
1	Optional main subjects	24	12	12				3	Grade	
Total number of hours:		24	12	12	0	0		3		
Subjects for speciality										
1	Law of transport	12	12					3	Grade	
2	Process methods of management	24	12	12				4	Grade	
3	Artificial intelligence methods	30	12					5	Grade	
4	Intellectual property protection	12	12					4	Grade	
5	Diploma seminar	24						2	Grade	
6	Diploma thesis							9	Grade	
Total number of hours/ECTS:		102	48	12	0	0	42	27		
Total number of hours per semester/ECTS:		126	60	24	0	0	42	30		

Major: Management and production engineering
Specialization: Logistics,
Recruitment: 2006
Full time
Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foreign language	60								60				1	Grade
2	Regional history	30	30					3							Grade
Basic subjects															
3	Chemistry	45	30		15			5							Exam (1)
4	Physics	60							30		30			6	Exam (2)
5	Geometry and engineering graphics	30								30				2	Grade
6	Computer science - fundamentals	30			30			3							Grade
7	Macroeconomics	30							30					4	Exam (2)
8	Mathematics	120	30	30				6	30	30				6	Exam (1;2)
9	Microeconomics	60	30	30				6							Exam (1)
10	Fundamentals of management	45							30				15	3	Grade
11	Fundamentals of law	15	15					2							Grade
12	Computer science - application systems	30									30			3	Grade
Main subjects															
13	Materials technology	60	15					2	30		15			3	Grade
14	Introduction to technique	45	30	15				3							Grade
15	Practice	5 weeks												2	Grade
Total number of hours:			180	75	45	0	0		150	120	75	0	15		
Total number of hours per semester (year)/ECTS:		660	300					30	360					30	
Number of examinations:		6	3						3						

Industrial Safety – I semester 4h
Library training - I semester 4h

Major: Management and production engineering

Specialization: Logistics,

Recruitment: 2006

Full time

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foreign language	30		30				1							Exam (3)
2	Physical education	60		30				1		30				1	Grade
3	Sociology	15							15					1	Grade
4	Psychology	15							15					1	Grade
Basic subjects															
5	Metrology basics	45	30		15			3							Grade
6	Geometry and engineering graphics	15			15			1							Grade
7	Computer systems - fundamentals	30	15		15			2							Grade
8	Economic law	30							30					3	Exam (4)
9	Statistics and probability theory	60	30	30				5							Exam (3)
Main subjects															
10	Production processes and techniques	75	15			15		3	30		15			3	Grade
11	Basics of engineering design	60							30			30		4	Grade
12	Production and service management	60	30	30				5							Exam (3)
13	Fundamentals of marketing	45	30				15	3							Grade
14	Basics of mechanics and strength of materials	45							30	15				3	Grade
15	Basics of fluid mechanics and thermodynamics	45	30	15				3							Grade
16	Basics of electrotechnics and electronics	45							30	15				3	Grade
17	Ecology of natural resources	30							15	15				2	Grade
18	Accountancy basics	30	15	15				3							Grade
19	Optional monographic lecture	15							15					1	Grade
20	Financial management	45							30	15				3	Exam (4)
21	Practice	200												2	Grade
Total number of hours/ECTS:		795	195	150	45	15	15	30	240	90	15	30	0	27	
Subjects for speciality															
1	Introduction to logistics	30							15	15				3	Exam (4)
Total number of hours		30	0	0	0	0	0		15	15	0	0	0	3	
Total number of hours/ECTS:			195	150	45	15	15	30	255	105	15	30	0	30	
Total number of hours per semester (year):		825	420						405						
Number of examinations:		6	3						3						

Major: Management and production engineering

Specialization: Logistics,

Recruitment: 2006

Full time

Year III

No.	Name of subject	Number of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Social communication	30	30					2								Grade
Main subjects																
2	Cost accounting for engineers	30	15	15				4								Exam (5)
3	Basics of automatics	45	30		15			4								Exam (5)
4	Quality management	30	15	15				3								Exam (5)
5	Small business management	15							15						1	Grade
6	Personnel management	15	15					1								Grade
7	Strategic management	45							30	15					5	Exam (6)
8	Logistics in enterprise	30	15	15				2								Grade
9	Theory of machines	45	30	15				4								Grade
10	Optional monographic lecture	60	30					2	30						3	Grade
Total number of hours/ECTS:		345	180	60	15	0	0	22	75	15	0	0	0	9		
Subjects for speciality																
1	Supply chain management	30							15		15			3		Exam (6)
2	Transport systems	15							15					1		Grade
3	Logistic processes analysis methods	30	15			15		2								Grade
4	Logistic project management	30							15			15		3		Exam(6)
5	Costs of logistic processes	15	15					1								Grade
6	Supply logistics	15				15		1								Grade
7	Production logistics	30	15		15			2								Grade
8	Marketing logistics	30	15	15				1								Grade
9	Technical infrastructure for logistics	30							15	15				2		Grade
10	IT infrastructure for logistics	30							15		15			2		Grade
11	Diploma seminar	45					15	1					30	2		Grade
12	Diploma thesis	90										90		8		Grade
Total number of hours:		390	60	15	15	30	15	8	75	15	30	105	30	21		
Total number of hours/ECTS:			240	75	30	30	15	30	150	30	30	105	30	30		
Total number of hours per semester (year):		735	390						345							
Number of examinations:		6	3						3							

Major: Management and production engineering

Specialization: Logistics,

Recruitment: 2006

Full time

Year IV

No.	Name of subject	Number of hours	Semester 7					ECTS	Form of credit
			lc	c	lb	p	s		
Main subjects									
1	Industrial property protection	30	30					5	Grade
Total number of hours:		30	30	0	0	0	0	5	
Subjects for speciality									
1	Law of transport	15	15					3	Grade
2	Process methods of management	15	15					3	Grade
3	Diploma seminar	30					30	2	Grade
4	Diploma thesis	210				210		17	Grade
Total number of hours/ECTS:		270	30	0	0	210	30	25	
Total number of hours per semester/ECTS:		300	60	0	0	210	30	30	

Overall hours – 2520

Major: Management and production engineering
Specialization: Logistics,
Recruitment: 2006

Non-stationary

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Regional history	18	18					3							Grade
Basic subjects															
2	Chemistry	30	18		12			5							Exam (1)
3	Physics	42							24		18			6	Exam (2)
4	Geometry and engineering graphics	18								18				2	Grade
5	Computer science - fundamentals	18			18			3							Grade
6	Macroeconomics	24							24					4	Exam (2)
7	Mathematics	96	24	24				6	24	24				6	Exam (1;2)
8	Microeconomics	48	24	24				7							Exam (1)
9	Fundamentals of management	36							24				12	3	Grade
10	Fundamentals of law	12	12					2							Grade
11	Computer science - application systems	18									18			3	Grade
Main subjects															
12	Materials technology	36							24		12			4	Grade
13	Introduction to technique	24	12	12				4							Grade
14	Practice	5 weeks												2	Grade
Total number of hours:			108	60	30	0	0		120	42	48	0	12		
Total number of hours per semester (year)/ECTS:		420	198					30	222					30	
Number of examinations:		6	3						3						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management and production engineering
Specialization: Logistics,
Recruitment: 2006

Non-stationary

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Sociology	12							12					1	Grade
2	Psychology	12							12					1	Grade
Basic subjects															
3	Metrology basics	30	18		12			4							Grade
4	Geometry and engineering graphics	12			12			2							Grade
5	Computer systems - fundamentals	24	12		12			3							Grade
6	Economic law	18							18					3	Exam (4)
7	Statistics and probability theory	48	24	24				6							Exam (3)
Main subjects															
8	Production processes and techniques	36							18		18			4	Grade
9	Basics of engineering design	36							18			18		4	Grade
10	Production and service management	42	24	18				4							Exam (3)
11	Fundamentals of marketing	30	18				12	4							Grade
12	Basics of mechanics and strength of materials	30							18	12				3	Grade
13	Basics of fluid mechanics and thermodynamics	30	18	12				4							Grade
14	Basics of electrotechnics and electronics	30							18	12				3	Grade
15	Ecology of natural resources	18							18					1	Grade
16	Accountancy basics	24	12	12				3							Grade
17	Optional monographic lecture	18							18					1	Grade
18	Financial management	30							18	12				3	Exam (4)
19	Practice	120												2	Grade
Total number of hours/ECTS:		480	126	66	36	0	12	30	168	36	18	18	0	26	
Subjects for speciality															
1	Introduction to logistics	24							12	12				4	Exam (4)
Total number of hours		24	0	0	0	0	0		12	12	0	0	0	4	
Total number of hours/ECTS:			126	66	36	0	12	30	180	48	18	18	0	30	
Total number of hours per semester (year):		504	240						264						
Number of examinations:		5	2						3						

Major: Management and production engineering
Specialization: Logistics,
Recruitment: 2006

Non-stationary

Year III

No.	Name of subject	Number of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Social communication	18	18					2								Grade
Main subjects																
2	Cost accounting for engineers	24	12	12				4								Exam (5)
3	Basics of automatics	30	18		12			4								Exam (5)
4	Quality management	24	12	12				3								Exam (5)
5	Small business management	9							9					1		Grade
6	Personnel management	12	12					1								Grade
7	Strategic management	24							12	12				5		Exam (6)
8	Logistics in enterprise	18	18					2								Grade
9	Theory of machines	30	18	12				4								Grade
10	Optional monographic lecture	36	18					2	18					3		Grade
Total number of hours/ECTS:		225	126	36	12	0	0	22	39	12	0	0	0	9		
Subjects for speciality																
1	Supply chain management	24							12		12			4		Exam (6)
2	Transport systems	12							12					1		Grade
3	Logistic processes analysis methods	12	12					1								Grade
4	Logistic project management	24							12			12		4		Exam(6)
5	Costs of logistic processes	12	12					1								Grade
6	Supply logistics	12				12		1								Grade
7	Production logistics	18	9		9			2								Grade
8	Marketing logistics	12	12					1								Grade
9	Technical infrastructure for logistics	12							12					1		Grade
10	IT infrastructure for logistics	18							9		9			1		Grade
11	Diploma seminar	36					12	2					24	2		Grade
12	Diploma thesis	54										54		8		Grade
Total number of hours:		246	45	0	9	12	12	8	57	0	21	66	24	21		
Total number of hours/ECTS:			171	36	21	12	12	30	96	12	21	66	24	30		
Total number of hours per semester (year):		471	252					30	219					30		
Number of examinations:		6	3						3							

Major: Management and production engineering

Specialization: Logistics,

Recruitment: 2006

Non-stationary

Year IV

No.	Name of subject	Number of hours	Semester 7					ECTS	Form of credit
			lc	c	lb	p	s		
Main subjects									
1	Industrial property protection	12	12					4	Grade
Total number of hours:		12	12	0	0	0	0	4	
Subjects for speciality									
1	Law of transport	12	12					3	Grade
2	Process methods of management	12	12					4	Grade
3	Diploma seminar	24					24	2	Grade
4	Diploma thesis	126				126		17	Grade
Total number of hours/ECTS:		174	24	0	0	126	24	26	
Total number of hours per semester/ECTS:		186	36	0	0	126	24	30	

Overall hours – 1581

Major: Management and production engineering
Specialization: Industrial systems control,
Recruitment: 2007 and 2009

Full time

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Optional humanistic lectures	30							30					1	Grade
Basic subjects															
2	Chemistry	45	30		15			6							Exam (1)
3	Physics	60							30		30			5	Exam (2)
4	Information Technology	30			30			2							Grade
5	Macroeconomics	30							30					4	Exam (2)
6	Mathematics	120	30	30				6	30	30				6	Exam (1;2)
7	Microeconomics	45	30	15				6							Exam (1)
8	Ecology and management of environment	45							30	15				3	Grade
Main subjects															
9	Materials technology	60	15		15			2	15		15			2	Grade
10	Geometry and engineering graphics	60		30		15		4			15			1	Grade
11	Fundamentals of management	45							30				15	3	Grade
12	Computer science - data bases	30									30			2	Grade
13	Computer science - computer systems	45							15		30			3	Grade
14	Introduction to technique	45	30	15				4							Grade
Total number of hours:			135	90	60	15	0		210	45	120	0	15		
Total number of hours per semester (year)/ECTS:		690	300					30	390					30	
Number of examinations:		6	3						3						

Industrial Safety – I semester 4h
Library training - I semester 4h

Major: Management and production engineering
Specialization: Industrial systems control,
Recruitment: 2007 and 2009

Full time

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Optional humanistic lectures	30	30					2							Grade
2	Foreign language	60		30				1		30				1	Grade
3	Physical education	60		30				1		30				1	Grade
Basic subjects															
4	Operational research	30							15	15				2	Grade
5	Fundamentals of marketing	30	15				15	2							Grade
6	Economic law	30							30					3	Exam (4)
7	Statistics for engineers	30	15	15				4							Exam (3)
Main subjects															
8	Production processes and techniques	75	15			15		2	15		30			3	Grade
9	Basics of engineering design	60	30			30		4							Grade
10	Production and service management	60	30	30				5							Exam (3)
11	Basics of fluid mechanics and thermodynamics	30	15	15				3							Grade
12	Basics of electrotechnics and electronics	45							30	15				3	Grade
13	Accountancy basics	30	15	15				3							Grade
14	Metrology basics	30	15		15			3							Grade
15	Financial management	30							15	15				3	Exam (4)
16	Practice	200												2	Grade
Total number of hours/ECTS:		630	180	135	15	45	15	30	105	105	30	0	0	18	
Subjects for speciality															
1	Electric power and heat-generating systems	60							30		30			4	Exam (4)
2	Audit for energetics	60							30			30		4	Exam (4)
3	Basics of mechanics and strength of materials	30							15	15				3	Grade
4	Optional lectures	30							30					1	Grade
Total number of hours:		180	0	0	0	0	0	0	105	15	30	30	0	12	
Total number of hours/ECTS:			180	135	15	45	15	30	210	120	60	30	0	30	
Total number of hours per semester (year):		810	390						420						
Number of examinations:		6	2						4						

Major: Management and production engineering
Specialization: Industrial systems control,
Recruitment: 2007 and 2009

Full time

Year III

No.	Name of subject	Number of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Foreign language	60		30				1		30				2	G, E(6)
Main subjects															
2	Cost accounting for engineers	30	15	15				4							Exam (5)
3	Production automation and robotisation	45	30		15			4							Exam (5)
4	Quality management	30	15	15				3							Exam (5)
5	Safety management	30							15	15				3	Grade
6	Computer aided engineering CAD/CAM	60									45	15		4	Grade
7	Logistics in enterprise	30	15	15				2							Grade
8	Theory of machines	45	15	30				3							Grade
9	Practice	200												2	Grade
Total number of hours wspólnych/ECTS:		330	90	105	15	0	0	17	15	45	45	15	0	11	
Subjects for speciality															
1	Energy law	15	15					1							Grade
2	Costs and tariffs	15	15					1							Grade
3	Management of work environment	30	15			15		2							Grade
4	Power industry	60							30	30				4	Exam(6)
5	Elements of mechatronics	30	15	15				2							Grade
6	Personnel management	15	15					1							Grade
7	Strategic development	30							15	15				3	Exam(6)
8	Heat engines and devices	60							30		30			4	Grade
9	Optional lectures	60	30					2	30					2	Grade
10	Diploma seminar	45					15	2					30	2	Grade
11	Diploma thesis							2						4	Grade
Total number of hours:		360	105	15	0	15	15	13	105	45	30	0	30	19	
Total number of hours/ECTS:			195	120	15	15	15	30	120	90	75	15	30	30	
Total number of hours per semester (year):		690	360						330						
Number of examinations:		6	3						3						

Major: Management and production engineering**Specialization: Industrial systems control,****Recruitment: 2007 and 2009****Full time****Year IV**

No.	Name of subject	Number of hours	Semester 7					ECTS	Form of credit
			lc	c	lb	p	s		
Main subjects									
1	Optional main subjects	30	15	15				3	Grade
Total number of hours/ECTS:		30	15	15	0	0	0	3	
Subjects for speciality									
1	Management of technical development	60	30	30				7	Grade
2	Artificial intelligence methods	60	30				30	5	Grade
3	Intellectual property protection	30	30					4	Grade
4	Diploma seminar	30					30	2	Grade
5	Diploma thesis							9	Grade
Total number of hours/ECTS:		180	90	30	0	0	60	27	
Total number of hours per semester/ECTS:		210	105	45	0	0	60	30	

Major: Management and production engineering
Specialization: Industrial systems control,
Recruitment: 2007 and 2009

Non-stationary

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit	
			lc	c	lb	p	s									
Subjects of general education																
1	Optional humanistic lectures	30							30						1	Grade
Basic subjects																
2	Chemistry	30	18		12			6								Exam (1)
3	Physics	36							18		18				5	Exam (2)
4	Information Technology	30			30			2								Grade
5	Macroeconomics	24							24						4	Exam (2)
6	Mathematics	96	24	24				6	24	24					6	Exam (1;2)
7	Microeconomics	54	36	18				6								Exam (1)
8	Ecology and management of environment	48							36	12					3	Grade
Main subjects																
9	Materials technology	48	12		12			2	12		12				2	Grade
10	Geometry and engineering graphics	36		12		12		4			12				1	Grade
11	Fundamentals of management	36							24				12		3	Grade
12	Computer science - data bases	18									18				2	Grade
13	Computer science - computer systems	30							12		18				3	Grade
14	Introduction to technique	24	12	12				4								Grade
Total number of hours:			102	66	54	12	0		180	36	78	0	12			
Total number of hours per semester (year)/ECTS:		540	234					30	306					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h
Library training - I semester 4h

Major: Management and production engineering
Specialization: Industrial systems control,
Recruitment: 2007 and 2009

Non-stationary

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Optional humanistic lectures	30	30					2								Grade
2	Foreign language	60		30				1		30					1	Grade
Basic subjects																
3	Operational research	24							12	12					2	Grade
4	Fundamentals of marketing	30	18				12	2								Grade
5	Economic law	30							30						3	Exam (4)
6	Statistics for engineers	24	12	12				5								Exam (3)
Main subjects																
7	Production processes and techniques	48	12			12		3	12		12				3	Grade
8	Basics of engineering design	36	18			18		4								Grade
9	Production and service management	36	24	12				5								Exam (3)
10	Basics of fluid mechanics and thermodynamics	24	12	12				3								Grade
11	Basics of electrotechnics and electronics	24							12	12					3	Grade
12	Accountancy basics	24	12	12				3								Grade
13	Metrology basics	24	12		12			2								Grade
14	Financial management	12							12						4	Exam (4)
15	Practice	120													2	Grade
Total number of hours/ECTS:		426	150	78	12	30	12	30	78	54	12	0	0	18		
Subjects for speciality																
1	Electric power and heat-generating systems	36							18		18				4	Exam (4)
2	Audit for energetics	36							18			18			4	Exam (4)
3	Basics of mechanics and strength of materials	24							12	12					3	Grade
4	Optional lectures	18							18						1	Grade
Total number of hours:		114	0	0	0	0	0	0	66	12	18	18	0	12		
Total number of hours/ECTS:			150	78	12	30	12	30	144	66	30	18	0	30		
Total number of hours per semester (year):		540	282						258							
Number of examinations:		6	2						4							

Major: Management and production engineering
Specialization: Industrial systems control,
Recruitment: 2007 and 2009

Non-stationary

Year III

No.	Name of subject	Number of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foreign language	60		30				1		30				2	Grade, Exam(6)	
Main subjects																
2	Cost accounting for engineers	24	12	12				4							Exam (5)	
3	Production automation and robotisation	36	12		24			4							Exam (5)	
4	Quality management	24	12	12				3							Exam (5)	
5	Safety management	24							12	12				3	Grade	
6	Computer aided engineering CAD/CAM	30									18	12		4	Grade	
7	Logistics in enterprise	24	12	12				2							Grade	
8	Theory of machines	24	12	12				3							Grade	
9	Practice	120												2	Grade	
Total number of hours wspólnych/ECTS:		246	60	78	24	0	0	17	12	42	18	12	0	11		
Subjects for speciality																
1	Energy law	12	12					1							Grade	
2	Costs and tariffs	12	12					1							Grade	
3	Management of work environment	24	12			12		2							Grade	
4	Power industry	24							12	12				4	Exam(6)	
5	Elements of mechatronics	24	12	12				2							Grade	
6	Personnel management	12	12					1							Grade	
7	Strategic development	24							12	12				3	Exam(6)	
8	Heat engines and devices	24							12		12			4	Grade	
9	Optional lectures	36	18					2	18					2	Grade	
10	Diploma seminar	36					12	2					24	2	Grade	
11	Diploma thesis							2						4	Grade	
Total number of hours:		228	78	12	0	12	12	13	54	24	12	0	24	19		
Total number of hours/ECTS:			138	90	24	12	12	30	66	66	30	12	24	30		
Total number of hours per semester (year):		474	276						198							
Number of examinations:		6	3						3							

Major: Management and production engineering
Specialization: Industrial systems control,
Recruitment: 2007 and 2009

Non-stationary

Year IV

No.	Name of subject	Number of hours	Semester 7					ECTS	Form of credit
			lc	c	lb	p	s		
Main subjects									
1	Optional main subjects	24	12	12				3	Grade
Total number of hours/ECTS:		24	12	12	0	0	0	3	
Subjects for speciality									
1	Management of technical development	24	12	12				7	Grade
2	Artificial intelligence methods	30	12				18	5	Grade
3	Intellectual property protection	12	12					4	Grade
4	Diploma seminar	24					24	2	Grade
5	Diploma thesis							9	Grade
Total number of hours/ECTS:		90	36	12	0	0	42	27	
Total number of hours per semester/ECTS:		114	48	24	0	0	42	30	

Major: Management and production engineering
Specialization: Industrial systems control,
Recruitment: 2006

Non-stationary

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Regional history	18	18					3							Grade
Basic subjects															
2	Chemistry	30	18		12			5							Exam (1)
3	Physics	42							24		18			6	Exam (2)
4	Geometry and engineering graphics	18								18				2	Grade
5	Computer science - fundamentals	18			18			3							Grade
6	Macroeconomics	24							24					4	Exam (2)
7	Mathematics	96	24	24				6	24	24				6	Exam (1;2)
8	Microeconomics	48	24	24				7							Exam (1)
9	Fundamentals of organization and management	36							24				12	3	Grade
10	Fundamentals of law	12	12					2							Grade
11	Computer science - application systems	18									18			3	Grade
Main subjects															
12	Materials technology	36							24		12			4	Grade
13	Introduction to technique	24	12	12				4							Grade
14	Practice	5 weeks												2	Grade
Total number of hours:			108	60	30	0	0		120	42	48	0	12		
Total number of hours per semester (year)/ECTS:		420	198					30	222					30	
Number of examinations:		6	3						3						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management and production engineering
Specialization: Industrial systems control,
Recruitment: 2006

Non-stationary

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Sociology	12							12					1	Grade
2	Psychology	12							12					1	Grade
Basic subjects															
3	Metrology basics	30	18		12			4							Grade
4	Geometry and engineering graphics	12			12			2							Grade
5	Computer systems - fundamentals	24	12		12			3							Grade
6	Economic law	18							18					3	Exam (4)
7	Statistics and probability theory	48	24	24				6							Exam (3)
Main subjects															
8	Production processes and techniques	36							18		18			4	Grade
9	Basics of engineering design	36							18			18		4	Grade
10	Production and service management	42	24	18				5							Exam (3)
11	Fundamentals of marketing	30	18				12	3							Grade
12	Basics of mechanics and strength of materials	30							18	12				3	Grade
13	Basics of fluid mechanics and thermodynamics	30	18	12				4							Grade
14	Basics of electrotechnics and electronics	30							18	12				3	Grade
15	Ecology of natural resources	18							18					1	Grade
16	Accountancy basics	24	12	12				3							Grade
17	Optional monographic lecture	18							18					1	Grade
18	Financial management	30							18	12				3	Exam (4)
19	Practice	120												2	Grade
Total number of hours:		480	126	66	36	0	12	30	168	36	18	18	0	26	
Subjects for speciality															
1	Electric power and heat-generating systems	24							24					4	Exam (4)
Total number of hours:		24	0	0	0	0	0		24	0	0	0	0	4	
Total number of hours/ECTS:			126	66	36	0	12	30	192	36	18	18	0	30	
Total number of hours per semester (year)/ECTS:		504	240					264							
Number of examinations:		5	2					3							

Major: Management and production engineering
Specialization: Industrial systems control,
Recruitment: 2006

Non-stationary

Year III

No.	Name of subject	Number of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Social communication	18	18					2								Grade
Main subjects																
2	Cost accounting for engineers	24	12	12				4								Exam (5)
3	Basics of automatics	30	18		12			4								Exam (5)
4	Quality management	24	12	12				3								Exam (5)
5	Small business management	9							9						1	Grade
6	Personnel management	12	12					1								Grade
7	Strategic management	24							12	12					5	Exam (6)
8	Logistics in enterprise	18	18					2								Grade
9	Theory of machines	30	18	12				4								Grade
10	Optional monographic lecture	36	18					2	18						3	Grade
Total number of hours/ECTS:		225	126	36	12	0	0	22	39	12	0	0	0	9		
Subjects for speciality																
1	Energy law	12	12					1								Grade
2	Costs and tariffs	12	12					1								Grade
3	Management of work environment	30	18			12		2								Grade
4	Power industry	30							18	12					4	Exam (6)
5	Elements of mechatronics	12	12					2								Grade
6	Audit for energetics	30							18			12			4	Exam (6)
7	Heat engines and devices	24							12		12				3	Grade
8	Diploma seminar	36					12	2						24	2	Grade
9	Diploma thesis	54										54			8	Grade
Total number of hours:		240	54	0	0	12	12	8	48	12	12	66	24	21		
Total number of hours/ECTS:			180	36	12	12	12	30	87	24	12	66	24	30		
Total number of hours per semester (year)/ECTS:		465	252					30	213					30		
Number of examinations:		6	3						3							

Major: Management and production engineering
Specialization: Industrial systems control,
Recruitment: 2006

Non-stationary

Year IV

No.	Name of subject	Number of hours	Semester 7					ECTS	Form of credit
			lc	c	lb	p	s		
Main subjects									
1	Industrial property protection	12	12					4	Grade
Total number of hours/ECTS:		12	12	0	0	0	0	4	
Subjects for speciality									
1	Management of technical development	30	18	12				7	Grade
2	Diploma seminar	24					24	2	Grade
3	Diploma thesis	126				126		17	Grade
Total number of hours/ECTS:		180	18	12	0	126	24	26	
Total number of hours per semester/ECTS:		192	30	12	0	126	24	30	

Overall hours – 1581

Major: Management and production engineering

Specialization: Industrial safety engineering

Recruitment: 2009

Full time

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Optional humanistic lectures	30							30					1	Grade	
Basic subjects																
2	Chemistry	45	30		15			6							Exam (1)	
3	Physics	60							30		30			5	Exam (2)	
4	Information Technology	30			30			2							Grade	
5	Macroeconomics	30							30					4	Exam (2)	
6	Microeconomics	45	30	15				6							Exam (1)	
7	Ecology and management of environment	45							30	15				3	Grade	
8	Mathematics	120	30	30				6	30	30				6	Exam (1;2)	
Main subjects																
9	Materials technology	60	15		15			2	15		15			2	Grade	
10	Introduction to technique	45	30	15				4							Grade	
11	Geometry and engineering graphics	60		30				2			15	15		3	Grade	
12	Fundamentals of management	45							30				15	3	Grade	
13	Computer science - data bases	30			30			2							Grade	
14	Computer science - computer systems	45							15		30			3	Grade	
Total number of hours:			135	90	90	0	0		210	45	90	15	15			
Total number of hours per semester(year)/ECTS:		690	315					30	375					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management and production engineering

Specialization: Industrial safety engineering

Recruitment: 2009

Full time

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Optional humanistic lectures	30	30					2							Grade
2	Foreign language	60		30				1		30				1	Grade
3	Physical education	60		30				1		30				1	Grade
Basic subjects															
4	Statistics for engineers	30	15	15				4							Exam (3)
5	Operational research	30							15	15				2	Grade
6	Economic law	30							30					3	Exam (4)
7	Fundamentals of marketing	30	15				15	2							Grade
Main subjects															
8	Production processes and techniques	75	15			15		2	15		30			4	Grade
9	Metrology basics	30	15	15				3							Grade
10	Basics of engineering design	60	30			30		4							Grade
11	Production and service management	60	30	30				5							Exam (3)
12	Basics of fluid mechanics and thermodynamics	30	15	15				3							Grade
13	Basics of electrotechnics and electronics	45							30	15				3	Grade
14	Accountancy basics	30	15	15				3							Grade
15	Financial management	30							15	15				4	Exam (4)
Total number of hours/ECTS:		630	180	150	0	45	15	30	105	105	30	0	0	18	
Subjects for speciality															
1	Systems of safety and rescue service	45							30	15				3	Grade
2	Labour protection law	45							30	15				3	Grade
3	Ergonomics in industrial safety	60							30	15		15		5	Exam (4)
4	Optional lectures	30							30					1	Grade
Total number of hours:		180	0	0	0	0	0	0	120	45	0	15	0	12	
Total number of hours/ECTS:			180	150	0	45	15	30	225	150	30	15	0	30	
Total number of hours per semester (year):		810	390						420						
Number of examinations:		6	2						4						

Major: Management and production engineering
Specialization: Industrial safety engineering
Recruitment: 2009
Full time
Year III

No.	Name of subject	Number of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foreign language	60		30				1		30				2	Grade, Exam(6)	
Main subjects																
2	Cost accounting for engineers	30	15	15				4							Exam (5)	
3	Production automation and robotisation	45	30		15			4							Exam (5)	
4	Quality management	30	15	15				3							Exam (5)	
5	Safety management	30							15	15				4	Grade	
6	Computer aided engineering CAM/CAD	60									45	15		5	Grade	
7	Logistics in enterprise	30	15	15				2							Grade	
8	Theory of machines	45	15	30				3							Grade	
Total number of hours/ECTS:		330	90	105	15	0	0	17	15	45	45	15	0	11		
Subjects for speciality																
1	Formation of products safety	60	30	15		15		4							Grade	
2	Safety certification	15							15					1	Grade	
3	Personal protection equipment	15							15					1	Grade	
4	Investigation of accidents and occupational diseases	30							15			15		2	Grade	
5	Methodology of work of safety and health services	30	15	15				2							Grade	
6	Hazard identification and risk assessment	30							15	15				2	Exam (6)	
7	Safety of buildings and technical equipment	30							15	15				2	Grade	
8	Personnel management	15	15					1							Grade	
9	Business strategy	30							15	15				3	Exam (6)	
10	Optional lectures	60	30					2	30					2	Grade	
11	Diploma seminar	45					15	2					30	2	Grade	
12	Diploma thesis							2						4	Grade	
Total number of hours:		360	90	30	0	15	15	13	120	45	0	15	30	19		
Total number of hours/ECTS:			180	135	15	15	15	30	135	90	45	30	30	30		
Total number of hours per semester (year):		690	360						330							
Number of examinations:		6	3						3							

Major: Management and production engineering

Specialization: Industrial safety engineering

Recruitment: 2009

Full time

Year IV

No.	Name of subject	Number of hours	Semester 7					ECTS	Form of credit
			lc	c	lb				
Main subjects									
1	Optional main subjects	30	15	15				3	Grade
Total number of hours:		30	15	15	0	0	0	3	
Subjects for speciality									
1	Pre-medical aid	15		15				2	Grade
2	Organization of work of disabled persons	45	15	15			15	4	Grade
3	The effects of threats	30	15	15				2	Grade
4	Process methods of management	30	15	15				4	Grade
5	Intellectual property protection	30	30					4	Grade
6	Diploma seminar	30					30	2	Grade
7	Diploma thesis							9	Grade
Total number of hours/ECTS:		180	75	60	0	0	45	27	
Total number of hours per semester/ECTS:		210	90	75	0	0	45	30	

Major: Management and production engineering

Specialization: Industrial safety engineering

Recruitment: 2009

Non-stationary

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Optional humanistic lectures	30							30					1	Grade	
Basic subjects																
2	Chemistry	30	18		12			6							Exam (1)	
3	Physics	36							18		18			5	Exam (2)	
4	Information Technology	30			30			2							Grade	
5	Macroeconomics	24							24					4	Exam (2)	
6	Microeconomics	54	36	18				6							Exam (1)	
7	Ecology and management of environment	48							36	12				3	Grade	
8	Mathematics	96	24	24				6	24	24				6	Exam (1;2)	
Main subjects																
9	Materials technology	48	12		12			2	12		12			2	Grade	
10	Introduction to technique	24	12	12				4							Grade	
11	Geometry and engineering graphics	36		12				2			12	12		3	Grade	
12	Fundamentals of management	36							24				12	3	Grade	
13	Computer science - data bases	18			18			2							Grade	
14	Computer science - computer systems	30							12		18			3	Grade	
Total number of hours:			102	66	72	0	0		180	36	60	12	12			
Total number of hours per semester(year)/ECTS:		540	240					30	300					30		
Number of examinations:		6	3						3							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management and production engineering

Specialization: Industrial safety engineering

Recruitment: 2009

Non-stationary

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Subjects of general education															
1	Optional humanistic lectures	30	30					2							Grade
2	Foreign language	60		30				1		30				1	Grade
3	Statistics for engineers	24	12	12				5							Exam (3)
4	Operational research	24							12	12				2	Grade
5	Economic law	30							30					3	Exam (4)
6	Fundamentals of marketing	30	18				12	2							Grade
Main subjects															
7	Production processes and techniques	48	12			12		2	12		12			4	Grade
8	Metrology basics	24	12	12				3							Grade
9	Basics of engineering design	36	18			18		4							Grade
10	Production and service management	36	24	12				5							Exam (3)
11	Basics of fluid mechanics and thermodynamics	24	12	12				3							Grade
12	Basics of electrotechnics and electronics	24							12	12				3	Grade
13	Accountancy basics	24	12	12				3							Grade
14	Financial management	12							12					5	Exam (4)
Total number of hours/ECTS:		426	150	90	0	30	12	30	78	54	12	0	0	18	
Subjects for speciality															
1	Systems of safety and rescue service	24							12	12				3	Grade
2	Labour protection law	24							12	12				3	Grade
3	Ergonomics in industrial safety	36							12	12		12		5	Exam (4)
4	Optional lectures	18							18					1	Grade
Total number of hours:		102	0	0	0	0	0	0	54	36	0	12	0	12	
Total number of hours/ECTS:			150	90	0	30	12	30	132	90	12	12	0	30	
Total number of hours per semester (year):		528	282						246						
Number of examinations:		6	2						4						

Major: Management and production engineering
Specialization: Industrial safety engineering
Recruitment: 2009

Non-stationary

Year III

No.	Name of subject	Number of hours	Semester 5					ECTS	Semester 6					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Subjects of general education																
1	Foreign language	60		30				1		30				2	Grade, Exam(6)	
Main subjects																
2	Cost accounting for engineers	24	12	12				4							Exam (5)	
3	Production automation and robotisation	36	12		24			4							Exam (5)	
4	Quality management	24	12	12				3							Exam (5)	
5	Safety management	24							12	12				4	Grade	
6	Computer aided engineering CAD/CAM	30									18	12		5	Grade	
7	Logistics in enterprise	24	12	12				2							Grade	
8	Theory of machines	24	12	12				3							Grade	
Total number of hours/ECTS:		246	60	78	24	0	0	17	12	42	18	12	0	11		
Subjects for speciality																
1	Formation of products safety	24	12			12		4							Grade	
2	Safety certification	9							9					1	Grade	
3	Personal protection equipment	9							9					1	Grade	
4	Investigation of accidents and occupational diseases	18							9			9		2	Grade	
5	Methodology of work of safety and health services	21	12	9				2							Grade	
6	Hazard identification and risk assessment	24							12	12				2	Exam (6)	
7	Safety of buildings and technical equipment	12							12					2	Grade	
8	Personnel management	12	12					1							Grade	
9	Business strategy	24							12	12				3	Exam (6)	
10	Optional lectures	36	18					2	18					2	Grade	
11	Diploma seminar	36					12	2					24	2	Grade	
12	Diploma thesis							2						4	Grade	
Total number of hours:		225	54	9	0	12	12	13	81	24	0	9	24	19		
Total number of hours/ECTS:			114	87	24	12	12	30	93	66	18	21	24	30		
Total number of hours per semester (year):		471	249							222						
Number of examinations:		6	3							3						

Major: Management and production engineering

Specialization: Industrial safety engineering

Recruitment: 2009

Non-stationary

Year IV

No.	Name of subject	Number of hours	Semester 7						ECTS	Form of credit
			lc	c	lb					
Main subjects										
1	Optional main subjects	24	12	12				3	Grade	
Total number of hours:		24	12	12	0	0	0	3		
Subjects for speciality										
1	Pre-medical aid	9		9				2	Grade	
2	Organization of work of disabled persons	24	12				12	4	Grade	
3	The effects of threats	12	12					2	Grade	
4	Process methods of management	24	12	12				4	Grade	
5	Intellectual property protection	12	12					4	Grade	
6	Diploma seminar	24					24	2	Grade	
7	Diploma thesis							9	Grade	
Total number of hours/ECTS:		105	48	21	0	0	36	27		
Total number of hours per semester/ECTS:		129	60	33	0	0	36	30		

ECTS credits
1

1. Course name

Regional history (The region and the regionalism on example of Lower Silesia the)

2. Course description

Lecture

Territorial development of Silesia on space of histories

Silesia till year 1138

Silesia in summers 1138-1335

Silesia in Czech monarchy 1335-1526

Habsburski Silesia 1526-1741

Prussian Silesia 1741-1918

Silesia in summers 1918-1945

Silesia after 1945 year

3. Prerequisites

The regular participation in occupations, the composition of written work

4. Aim of the course

The histories of Silesia are on background of state organisms this area to which belonged the subject of lectures. The chronological range hugs to 1989 r. the whole of histories

5. Literature

1. Czapliński M. i inni, *Historia Śląska*, Wrocław 2007 (lub wyd. 2002).
2. Harasimowicz J., *Dolny Śląsk*, Wrocław 2007.
3. *Historia chłopów śląskich*. Opracowanie zbiorowe pod redakcją Stefana Inglota, Warszawa 1979.
4. Kaczmarek M. i inni, *Wrocław. Dziedzictwo wieków*, Wrocław 1997.
5. Boras Z., *Książęta piastowscy Śląska*, Katowice 1978.
6. Dola K., *Dzieje Kościoła na Śląsku, część I. Średniowiecze*, Opole 1996.
7. Drabina J., *Miasta śląskie w średniowieczu*, Katowice 1987.
8. *Legnica. Zarys monografii miasta* pod redakcją Stanisława Dąbrowskiego, Wrocław-Legnica 1998.
9. Mandziuk J., *Historia Kościoła katolickiego na Śląsku. Czasy reformacji protestanckiej, reformy katolickiej i kontrreformacji 1520-1742*. Tom 2, Warszawa 1995.

6. Type of course

Optional

7. Teaching team

Department of Tourizm

8. Course structure

Form	Number of hours	Semester	year
Lecture	30	II	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

The lecture - the written relating the histories of Silesia work

10. Language:

Polish

ECTS credits
1

1. Course name

Social Communication

2. Course description

Lecture

The initial concepts and definitions. The basic models of the communication. The barriers of the communication. The mass communication - its features and functions. The basis rules of the mass media The transformations of the media system in Poland after the year 1989. The international communication and its forms. The national stereotypes. The instruments of the international communication (global and satellite television, international radio, the Internet). The main process of the communications in the organization. The interpersonal and collective communication. The main techniques and mechanisms of the commercial, public relations. The creating of the personal image.

3. Prerequisites

none

4. Aim of the course

The main aim of the course is to understand the significant aspects of the communication and the essential issues of the media and cooperation with media as well .The aim of the course is also to introduce the students into the social and international communication and into the vital concerns connected with public relations .

5. Literature

1. Adamowski J.(red.), *Media w państwie współczesnym*, Warszawa 2001.
2. Cianciara J., Uścińska B., *Komunikacja społeczna. Komunikowanie się z mediami w praktyce*, Wrocław 1999.
3. Dobek-Ostrowska B., *Podstawy komunikowania społecznego*, Wrocław 2004.
4. Dobek-Ostrowska B. (red.), *Współczesne systemy komunikowania*, Wrocław 1998.
5. Goban-Klas T., *Media i komunikowanie masowe. Teorie i analizy prasy, radia, telewizji i Internetu*, Warszawa-Kraków 2004.
6. Ociełka B., *Komunikowanie międzynarodowe*, Wrocław 2002.
7. Olędzki J., *Komunikowanie w świecie*, Warszawa 2001.
8. Rozwadowska B., *Public relations. Teoria. Praktyka. Perspektywy*, Warszawa 2002.
9. Stankiewicz J. *Komunikowanie się w organizacji*, Wrocław 1999.

6. Type of course

Obligatory

7. Teaching team

Department of Sociology and Public Communication

8. Course structure

Form	Number of hours	Semester	year
Lecture	30	II	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Lecture and test

10. Language:

Polish

ECTS credits

2

1. Course name:

Sociology

2. Course description:

The place of sociology among other social sciences. The subject and functions of general and specific sociology. Natural, economical and cultural considerations of social life. Mass culture and its influence on social and work processes. Cultural diffusion and cultural heritage as factors of social and economical development. The man vs. social environment. Sociological model of man. The question of personality in social sciences. Work vs. personality. Economic mentality of the individual vs. their participation in economic and social processes. Socio-psychological characteristics of relations and relationships: needs – motivations – bases – behaviors. Social bonds as the basis for the emerging of social groups. Public institutions and their functions. Characteristics of total institutions. Social norms and values as the elements of the social organization of the group. Most important groups in the life of the individual. Characteristics of the basic social processes (adaptation, cooperation, conflict, disorganization, social mobility). Social problems of the Polish society in the period of political transformation. Research in social development. Elements of chosen theories of social development (Plato, Condorcet, Turgot, Popper). Social stratification (social classes). The society and its sociopolitical organization. Nation as a group having the features of a community. Nation and other contemporary ethnic groups. Bureaucracy in modern social institutions. Development of self-government institutions during transformation. Basic methods and techniques of sociological research.

3. Prerequisites

None

4. Aim of the course

The main goal is to show the complexity of the social reality, consisting of social groups, institutions, processes and phenomena. Presented methods and techniques of sociological research are also supposed to show the possibility of getting to know this reality. One of the goals of the course is also showing the possibility of using sociological knowledge in other social sciences.

5. Literature

1. B. Szacka, *Wprowadzenie do socjologii*. Warszawa, OW 2003
2. P. Sztompka *Socjologia. Analiza społeczeństwa*. Kraków, ZNAK 2002
3. Z. Polakowska-Kujawa (editor) *Socjologia ogólna*. SGH, Warszawa 1999

6. Type of the course

Optional

7. Teaching Team

Department of Sociology and Public Communication

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30	III	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance

Term assignments and coursework

10. Language

Polish

ECTS credits
2

1. Course name:

Psychology

2. Course description

- The main concepts of psychology
- Cognition; perception, attention, memory, creative thinking, intelligence
- Emotion and motivation
- Personality
- The social behaviour; self-presentation, group behaviour, cognitive dissonance, groupthink
- Human communication and influence on people

3. Prerequisites:

None

4. Aim of the course:

Help to understand the main psychological mechanism which decided of effective human behavior in organization and to recognize the basic problems.

5. Literature

1. Strelau, J. red. (2002) *Psychologia. Podręcznik akademicki*. t.1-2. Gdańsk: Gdańskie Wydawnictwo Psychologiczne.
2. Cialdini, R. (1996) *Wywieranie wpływu na ludzi*. Gdańsk. Gdańskie Wydawnictwo Psychologiczne.
3. Robbins, S. (2000) *Zasady zachowania w organizacji*. Poznań: Zyski i S-ka Wydawnictwo.

6. Type of course:

Obligatory

7. Teaching team:

Department of Sociology and Public Communication

8. Course structure

Form	Number of hours	Semester	year
Lecture	30	III	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Test of knowledge

10. Language:

Polish

ECTS credits
1

1. Course name

English

2. Course description

Thematic scope of the course:

1. Autopresentation , telling about yourself in the professional context, about your future career ambitions, interests, contemporary world./ 4 hours
2. Earning a Living. / 8 hours
 - 2.1 Wages and living standards.
 - 2.2 Job roles and types- agriculture, industry, services.
 - 2.3 Applying for a job. Job interviews.
 - 2.4 Employer/ employee relationships.
3. Business correspondence. Practising writing memos. / 6 hours
4. Production and Sale of Goods and Services. / 8 hours
 - 4.1 Distribution: origin and destination of product.
 - 4.2 Retail and wholesale outlets: competition between small shops and supermarkets.
 - 4.3 New markets and products.
 - 4.4 Quality and customer service.

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2), needed in the cooperation with foreign business partners in the field of Business English taking into account preparation and practice for LCCI English for Business exams (preliminary level, level 1, level 2, level 3).

5. Literature

1. *How to Pass English for Business Second Level*. The Official LCCI Examinations Board Guide.
2. Trappe, T., G. Tullis and Ch. Johnson. 2005. *Intelligent Business Intermediate*. Longman.
3. Sweeney, S. 2000. Business English. *Marketing*. Longman.
4. Flinders, S. 2000. Business English. *Intermediate*. Longman.
5. McKellen, J.S. 2000. Business English. *General Usage*. Longman.
6. Viney, P. and K. Viney. 1997. *Handshake. A Course In Communication*. Oxford University Press.
7. Comfort, J. 1995. *Speaking Effectively*. Cambridge University Press.

6. Type of course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	III	2
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS credits
1

1. Course name

English

2. Course description

Thematic scope of the course:

1. Business correspondence. Practising writing company leaflets. / 6 hours
 - 1.1 Exam task. Basic reading comprehension: true-or-false questions. Practice.
(On the basis of the materiale of LCCI Examinations Board, *How to Pass English for Business First Level*)
2. International Trade. / 8 hours
 - 2.1 Description of imports/exports.
 - 2.2 Changes in international markets.
 - 2.3 Economic problems in developing countries.
 - 2.4 Trade blocks e.g. EU, ASEAN, NAFTA.
3. Business correspondence. Practising writing business reports. /8 hours
 - 3.1 Exam task.. Information processing: short-answer questions. Practice.
(On the basis of the materiale of LCCI Examinations Board, *How to Pass English for Business First Level*)
4. Money. / 8 hours
 - 4.1 Methods of paying/ purchasing.
 - 4.2 Inflation and price changes.
 - 4.3 Banking services.
 - 4.4 Savings and investment.

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2), needed in the cooperation with foreign business partners in the field of Business English taking into account preparation and practice for LCCI English for Business exams (preliminary level, level 1, level 2, level 3).

5. Literature

1. *How to Pass English for Business Second Level*. The Official LCCI Examinations Board Guide.
2. Trappe, T., G. Tullis and Ch. Johnson. 2005. *Intelligent Business Intermediate*. Longman.
3. Sweeney, S. 2000. Business English. *Marketing*. Longman.
4. Flinders, S. 2000. Business English. *Intermediate*. Longman.
5. McKellen, J.S. 2000. Business English. *General Usage*. Longman.
6. Viney, P. and K. Viney. 1997. *Handshake. A Course In Communication*. Oxford University Press.
7. Comfort, J. 1995. *Speaking Effectively*. Cambridge University Press.

6. Type of course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	IV	2
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

written test

10. Language:

Polish

ECTS credits
1

1. Course name

English

2. Course description

Thematic scope of the course:

1. Transport / 8 hours
 - 1.1 Types of transport in Poland
 - 1.2 Transport for the individual
 - 1.3 Transport for commerce and industry
 - 1.4 Local infrastructure for: road, rail, sea and air transport
2. Basic reading comprehension: interpreting short information, providing one-word answers /6 hours.
(On the basis of LCCI Examinations Board materials, *How to Pass English for Business First Level*)
3. Communications/8 hours
 - 3.1 Media: TV, newspapers, Internet, advertising
 - 3.2 Information Technology: computers
 - 3.3 Communications: telephone, fax, e-mail
4. Business correspondence: letter writing practice/ 8 hours

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2), needed in the cooperation with foreign business partners in the field of Business English taking into account preparation and practice for LCCI English for Business exams (preliminary level, level 1, level 2, level 3).

5. Literature

8. *How to Pass English for Business Second Level*. The Official LCCI Examinations Board Guide.
9. Trappe, T., G. Tullis and Ch. Johnson. 2005. *Intelligent Business Intermediate*. Longman.
10. Sweeney, S. 2000. Business English. *Marketing*. Longman.
11. Flinders, S. 2000. Business English. *Intermediate*. Longman.
12. McKellen, J.S. 2000. Business English. *General Usage*. Longman.
13. Viney, P. and K. Viney. 1997. *Handshake. A Course In Communication*. Oxford University Press.
14. Comfort, J. 1995. *Speaking Effectively*. Cambridge University Press.

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	V	3
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

written test

10. Language:

Polish

ECTS credits
2

1. Course name

English

2. Course description
Thematic scope of the course:

1. Education / 8 hours
 - 1.1 Personal education
 - 1.2 The education system
 - 1.3 Training and skills
2. Basic reading comprehension: interpreting chart and graph data , providing one-word answers /8 hours.
(On the basis of LCCI Examinations Board materials, *How to Pass English for Business First Level*)
3. Travel and Tourism/ 8 hours
 - 3.1 The importance of travel to the individual
 - 3.2 Tourism and the local area
 - 3.3 Tourism in a nation's economy
4. Revision Practice before final written and oral examination/6 hours

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2), needed in the cooperation with foreign business partners in the field of Business English taking into account preparation and practice for LCCI English for Business exams (preliminary level, level 1, level 2, level 3).

5. Literature

15. *How to Pass English for Business Second Level*. The Official LCCI Examinations Board Guide.
16. Trappe, T., G. Tullis and Ch. Johnson. 2005. *Intelligent Business Intermediate*. Longman.
17. Sweeney, S. 2000. Business English. *Marketing*. Longman.
18. Flinders, S. 2000. Business English. *Intermediate*. Longman.
19. McKellen, J.S. 2000. Business English. *General Usage*. Longman.
20. Viney, P. and K. Viney. 1997. *Handshake. A Course In Communication*. Oxford University Press.
21. Comfort, J. 1995. *Speaking Effectively*. Cambridge University Press.

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	VI	3
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Written test, written and oral examination

10. Language:

Polish

ECTS Credits
1

1. Course name

French

2. Course description:
Thematic scope of the course:

1. Greetings, making contact, introducing oneself, giving personal information, about family, friends, nationality and occupation, tabular and descriptive Curriculum Vitae.
2. Personal appearance, body parts, outfit, fashion, character features.
3. Daily schedule (e.g. workshops at university, faculty), free time, daily routine, interests, style of living.
4. Means of communication: telephone call, fax, letter, the internet.
5. The flat: room, dormitory description,
6. My town, city plan, location of buildings, asking /telling the way.

3. Prerequisites

None

4. Aim of the course

Acquisition of general language abilities at basic level A1, taking into account skills useful in situations of language communication appropriate for the faculty of Management and Production Engineering.

5. Bibliography

1. G. Migdalska, C. Billar-Woźniak, M. Szczucka-Smagowicz „Déjà-vu”, PWN, Warszawa, 2005
2. H. Augé, M.D. Cañada Pujols, C. Marlhens, L. Martin “Tout va bien 1”, CLE International 2004
3. J.L. Penfornis „Français. com”, CLE International, Paris, 2002

6. Type of course:

Obligatory

7. Teaching team:

Department of Sociology and Social Communication.

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials	30	III	2
Laboratory			
Project			
Seminar			
Conversation classes			
Student total workload	30		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS Credits
1

1. Course name

French

2. Course description:
Thematic scope of the course:

1. Travel – means of transport, itinerary, travel agency, the railway station, the airport, accommodation.
2. Free time, leisure, interests, sightseeing the city, going to the cinema, theatre.
3. Nature – climate, seasons of the year, weather forecast.
4. Shopping – (e.g. souvenir) and services, prices and money.
5. Meals – restaurant, holiday and parties.
6. Health - (at the doctor, chemists, healthy lifestyle)

3. Prerequisites

None

4. Aim of the course

Acquisition of general language abilities at basic level A1, taking into account skills useful in situations of language communication appropriate for the faculty of Management and Production Engineering.

5. Bibliography

4. G. Migdalska, C. Billar-Woźniak, M. Szczucka-Smagowicz „Déjà-vu”, PWN, Warszawa, 2005
5. H. Augé, M.D. Cañada Pujols, C. Marlhens, L. Martin “Tout va bien 1”, CLE International 2004
6. J.L. Penfornis „Français. com”, CLE International, Paris, 2002

6. Type of course:

Obligatory

7. Teaching team:

Department of Sociology and Social Communication.

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials	30	IV	2
Laboratory			
Project			
Seminar			
Conversation classes			
Student total workload	30		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS Credits
1

1. Course name

French

2. Course description:
Thematic scope of the course:

1. The school - the subjects, the life of school, the system of education, class rooms , timetable.
2. Describing the time : the moments of a day ,a week and an hour.
3. Arranging , postponing and cancelling a meeting.
4. Expressing the plans for the nearest future , preferences and offers.
5. The family life: the members of family , the ways of spending spare time, the lifestyle.

3. Prerequisites

None

4. Aim of the course

Acquisition of general language abilities at basic level A1, taking into account skills useful in situations of language communication appropriate for the faculty of Management and Production Engineering.

5. Bibliography

7. G. Migdalska, C. Billar-Woźniak, M. Szczucka-Smagowicz „Déjà-vu”, PWN, Warszawa,2005
8. H. Augé, M.D. Cañada Pujols,C. Marlhens, L. Martin “Tout va bien 1”, CLE International 2004
9. J.L. Penfornis „Français. com”, CLE International, Paris, 2002

6. Type of course:

Obligatory

7. Teaching team:

Department of Psychology and Sociology of Education.

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials	30	V	3
Laboratory			
Project			
Seminar			
Conversation classes			
Student total workload	30		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS Credits
2

1. Course name

French

2. Course description:
Thematic scope of the course:

1. The shopping : the kinds of shops, goods, selling and buying.
2. Comparing the features , persons and things.
3. The food : menu , the names of the products , preparing the dishes.
4. The tourism: traveling , visiting , monuments , staying in a hotel .
5. The announcements: rent a flat, sale and buy .

3. Prerequisites

None

4. Aim of the course

Acquisition of general language abilities at basic level A1, taking into account skills useful in situations of language communication appropriate for the faculty of Management and Production Engineering.

5. Bibliography

10. G. Migdalska, C. Billar-Woźniak, M. Szczucka-Smagowicz „Déjà-vu”, PWN, Warszawa, 2005
11. H. Augé, M.D. Cañada Pujols, C. Marlhens, L. Martin “Tout va bien 1”, CLE International 2004
12. J.L. Penfornis „Français. com”, CLE International, Paris, 2002

6. Type of course:

Obligatory

7. Teaching team:

Department of Psychology and Sociology of Education.

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials	30	VI	3
Laboratory			
Project			
Seminar			
Conversation classes			
Student total workload	60		

9. Conditions of the course acceptance:

Tutorials, written and oral exam

10. Language:

Polish

ECTS credits
1

1. Course name

German

2. Course description
Thematic scope of the course:

1. Introductions.
 - 1.1 Introducing yourself and your company.
 - 1.2 Introducing business associates. Names of professions, posts and nationalities.
 - 1.3 Filling in forms.
2. In the workplace.
 - 2.1 Describing relationships.
 - 2.2 Essential duties performed in the workplace.
 - 2.3 Numbers, telephone numbers, prices.
3. Arranging appointments.
 - 3.1 Invitations.
 - 3.2 Arranging dates, hours.
 - 3.3 Day planning.

3. Prerequisites

none

4. Aim of the course

Acquisition of general language abilities at basic level A1, taking into account skills useful in situations of language communication appropriate for the faculty of Management and Production Engineering.

5. Literature

1. "Sage und schreibe" Ch. Fandrych, U. Tallowitz, wyd. Lektor Klett
2. "Dialog Beruf 1" Becker, Braunert, Eisfeld, wyd. Max Hueber Verlag

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	III	2
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS credits
1

1. Course name

German

2. Course description
Thematic scope of the course:

1. Planning dates.
 - 1.1 Seasons of the year, months.
 - 1.2 Saying dates.
 - 1.3 Day planning: daily routines.
2. Shopping.
 - 2.1 Planning a purchase of products.
 - 2.2 Preparing offers.
3. Meals.
 - 3.1 Breakfast break: groceries and culinary preferences.
 - 3.2 In the restaurant ordering meals, paying bills.
 - 3.3 Business dinner: recommending a restaurant and dishes.

3. Prerequisites

none

4. Aim of the course

Acquisition of general language abilities at basic level A1, taking into account skills useful in situations of language communication appropriate for the faculty of Management and Production Engineering.

5. Literature

3. "Sage und schreibe" Ch. Fandrych, U. Tallowitz, wyd. Lektor Klett
4. "Dialog Beruf 1" Becker, Braunert, Eisfeld, wyd. Max Hueber Verlag

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	IV	2
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS credits
1

1. Course name

German

2. Course description

Thematic scope of the course:

- hosting German delegation: dialogues at the train station, in a taxi, at the hotel
- information exchange by fax, eg Appointing the date of a meeting
- discussing a public survey
- introducing oneself / introducing a guest to other people
- writing a business card, giving a business card to other people
- making appointment for a business meeting
- showing the way, providing a guided tour in the company
- national holiday, church holiday and other bank holiday in Germany and Poland
- introducing the company: the history, activity, legal form, business sector
- request for connecting with a selected department in a company/connecting the client with an appropriate office
- personal employment history, education
- Job interview
- Job advertisement
- writing a CV and cover letter

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2; depends on the language competence exam results), Describing selected professional situations, comparing, discussing survey results, analyzing tables, charts, statistics, providing main information presented in professional texts, presenting individual opinion and arguing it. Acquisition of language skills needed in the cooperation with foreign business partners in the field of General English as well as preparing the candidates for TELC language examination (at appropriate level).

5. Literature

1. Kos J., Białek E.: *Niemiecki jako język biznesu. Vademecum z wzorami zdań i listów*, „Mit Vertrag zum Erfolg"
2. Studio d A2, Funk, Kuhn, Demme, wyd. Cornelsen, 2007
3. Sage und Schreibe, Christian Fandrych, Ulrike Tallowitz, wyd. LektorKlett, 2003
4. Klipp und Klar, Christian Fandrych, Ulrike Tallowitz, wyd. LektorKlett, 2003
5. Studio d Sprachtraining A2, Rita Maria Niemann, wyd. Cornelsen, 2007

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	V	3
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS credits
2

1. Course name

German

2. Course description

Thematic scope of the course:

- Business invitation to a restaurant (in a letter or a phone call)
- “Savoir a vivre” at the table, indicating seating places to the guests, reacting to news, providing information about eating habits
- analysis of graph data, describing a graph (demography, economy, consumption, trade)
- selling a product and trade fair service: presentation, giving opinion, providing precise information about the product or service
- telephone or mail contact with a business partner: enquiry, request, offer
- formal elements of a business letter
- salutation and closing formula in private and business correspondence
- selected forms of commercial correspondence
- filling in a form, phrases typical for forms
- names of goods and services

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2; depends on the language competence exam results), Describing selected professional situations, comparing, discussing survey results, analyzing tables, charts, statistics, providing main information presented in professional texts, presenting individual opinion and argumenting it. Acquisition of language skills needed in the cooperation with foreign business partners in the field of General English as well as preparing the candidates for TELC language examination (at appropriate level).

5. Literature

1. Kos J., Białek E.: Niemiecki jako język biznesu. Vademecum z wzorami zdań i listów , „Mit Vertrag zum Erfolg”.
2. Studio d A2, Funk, Kuhn, Demme, wyd. Cornelsen, 2007
3. Sage und Schreibe, Christian Fandrych, Ulrike Tallowitz, wyd. LektorKlett, 2003
4. Klipp und Klar, Christian Fandrych, Ulrike Tallowitz, wyd. LektorKlett, 2003
5. Studio d Sprachtraining A2, Rita Maria Niemann, wyd. Cornelsen, 2007

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	VI	3
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Tutorials, written exam

10. Language:

Polish

ECTS Credits
1

1. Course name

Russian

2. Course description:
Thematic scope of the course:

- Autopresentation
- Interests and hobbies
- Entertainment, leisure time
- Going to school/work: conversation on the bus/At the bus stop
- Plans for the weekend, holiday
- months
- date

3. Prerequisites

None

4. Aim of the course

Acquisition of general language abilities at basic level A2 taking into account skills useful in situations of language communication appropriate for the faculty of Management and Production Engineering.

5. Bibliography

1. Anna Pado, *Start. Ru. Język rosyjski dla początkujących*, 1, Wyd. Szkolne i Pedagog., Warszawa 2006
2. Anna Pado, *Start. Ru. Język rosyjski dla średnio zaawansowanych*, 2, Wyd. Szkolne i Pedagog., Warszawa 2006
3. Ałła Rodimkina, Zoya Rile, Nil Landsman, *Rossija siegodnia. Teksty i upraźnienija*, wyd. Rea., Warszawa 2003
4. Czasopismo „Europa. Ru”

6. Type of course:

Obligatory

7. Teaching team:

Department of Networks, Electronics and Telecommunication.

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials	30	III	2
Laboratory			
Project			
Seminar			
Conversation classes			
Student total workload	30		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS Credits
1

1. Course name

Russian

2. Course description:
Thematic scope of the course:

- Talking about reflections from holiday or day
- writing press articles, redagowanie, advertisement
- writing e-mails
- giving advice
- describing places, tourist resorts
- phone calls, radio advertisements,
- practicing writing letters

3. Prerequisites

None

4. Aim of the course

Acquisition of general language abilities at basic level A2 taking into account skills useful in situations of language communication appropriate for the faculty of Management and Production Engineering.

5. Bibliography

1. Anna Pado, *Start. Ru. Język rosyjski dla początkujących*, 1, Wyd. Szkolne i Pedagog., Warszawa 2006
2. Anna Pado, *Start. Ru. Język rosyjski dla średnio zaawansowanych*, 2, Wyd. Szkolne i Pedagog., Warszawa 2006
3. Ałła Rodimkina, Zoya Rile, Nil Landsman, *Rossija siegodaynia. Teksty i upraźnienija*, wyd. Rea., Warszawa 2003
4. Czasopismo „Europa. Ru”

6. Type of course:

Obligatory

7. Teaching team:

Department of Networks, Electronics and Telecommunication.

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials	30	IV	2
Laboratory			
Project			
Seminar			
Conversation classes			
Student total workload	30		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS Credits
1

1. Course name

Russian

2. Course description:
Thematic scope of the course:

- The school - the subjects, the life of school, the system of education, class rooms , timetable.
- Describing the time : the moments of a day ,a week and an hour.
- Arranging , postponing and cancelling a meeting.
- Expressing the plans for the nearest future , preferences and offers.
- The family life: the members of family , the ways of spending spare time, the lifestyle.

3. Prerequisites

None

4. Aim of the course

Acquisition of general language abilities at basic level A1 taking into account skills useful in situations of language communication appropriate for the faculty of Management and Production Engineering.

5. Bibliography

1. Anna Pado, *Start. Ru. Język rosyjski dla początkujących*, 1, Wyd. Szkolne i Pedagog., Warszawa 2006
2. Anna Pado, *Start. Ru. Język rosyjski dla średnio zaawansowanych*, 2, Wyd. Szkolne i Pedagog., Warszawa 2006
3. Ałła Rodimkina, Zoya Rile, Nil Landsman, *Rossija siegodaya. Teksty i upraźnienija*, wyd. Rea., Warszawa 2003
4. Czasopismo „Europa. Ru”

6. Type of course:

Obligatory

7. Teaching team:

Department of Networks, Electronics and Telecommunication.

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials	30	V	3
Laboratory			
Project			
Seminar			
Conversation classes			
Student total workload	30		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS Credits
2

1. Course name

Russian

2. Course description:
Thematic scope of the course:

- The shopping : the kinds of shops, goods, selling and buying.
- Comparing the features , persons and things.
- The food : menu , the names of the products , preparing the dishes.
- The tourism: traveling , visiting , monuments , staying in a hotel .
- The announcements: rent a flat, sale and buy .

3. Prerequisites

None

4. Aim of the course

Acquisition of general language abilities at basic level A1 taking into account skills useful in situations of language communication appropriate for the faculty of Management and Production Engineering.

5. Bibliography

1. Anna Pado, *Start. Ru. Język rosyjski dla początkujących*, 1, Wyd. Szkolne i Pedagog., Warszawa 2006
2. Anna Pado, *Start. Ru. Język rosyjski dla średnio zaawansowanych*, 2, Wyd. Szkolne i Pedagog., Warszawa 2006
3. Ałła Rodimkina, Zoya Rile, Nil Landsman, *Rossija siegodaynia. Teksty i upraźnienija*, wyd. Rea., Warszawa 2003
4. Czasopismo „Europa. Ru”

6. Type of course:

Obligatory

7. Teaching team:

Department of Networks, Electronics and Telecommunication.

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials	30	VI	3
Laboratory			
Project			
Seminar			
Conversation classes			
Student total workload	60		

9. Conditions of the course acceptance:

Tutorials, written exam

10. Language:

Polish

ECTS credits
1

1. Course name

Physical Education

2. Course description

All the physical activities are offered to be for students at the gym, sports hall, fitness room and on the swimming pool. The students have the opportunities to choose their preferable form.

3. Prerequisites

There are not observed any bad impact on their health.

4. Aim of the course

The aim of the course is to improve the physical activity of the students and their knowledge connected with practicing sports, especially sophisticated exercises. The subject has to have an impact on their physical education in this direction. It is crucial for them to get significant facilities, experience and also all the important skills during realizing such a broadminded course. It is significant in their future to reach all their aims in work to be as animators or the main organizers of the physical activities in their surrounding as the course contains all the important issues in the branch of physical education. Teaching how to relax, how to reach the essential discipline in different sports are not the only aspects of this vital course.

5. Literature

6. Type of course

Obligatory

7. Teaching team

Department of Recreation

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	III	2
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Active participation in the course

10. Language:

Polish

ECTS credits
1

1. Course name

Physical Education

2. Course description

All the physical activities are offered to be for students at the gym, sports hall, fitness room and on the swimming pool. The students have the opportunities to choose their preferable form.

3. Prerequisites

There are not observed any bad impact on their health.

4. Aim of the course

The aim of the course is to improve the physical activity of the students and their knowledge connected with practicing sports, especially sophisticated exercises. The subject has to have an impact on their physical education in this direction. It is crucial for them to get significant facilities, experience and also all the important skills during realizing such a broadminded course. It is significant in their future to reach all their aims in work to be as animators or the main organizers of the physical activities in their surrounding as the course contains all the important issues in the branch of physical education. Teaching how to relax, how to reach the essential discipline in different sports are not the only aspects of this vital course.

5. Literature

6. Type of course

Obligatory

7. Teaching team

Department of Recreation

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	IV	2
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Active participation in the course

10. Language:

Polish

ECTS credits

6

1. Course name

Chemistry

2. Course description**Lecture**

Basic terms in chemistry – physical and chemical phenomena, simple and complex compounds, atom, nuclide, isotope, atomic mass, mole. Atom structure (basic terms of quantum mechanics) – double nature of light and matter. Energy of atomic orbitals electronic structure of atoms.

Periodic table of elements in connection with atomic structure. Periodic of atomic volumes, atomic radii and ionization energy, electronegativity s and p-electronic groups of elements. Chemical reactions – chemical reaction equation, types of chemical reactions, speed and yield of reactions, catalysis and catalyst. Oxidation-reduction reactions. Chemical bondings – types of chemical bondings: ionic, covalent and hydrogen. Multi-atomic molecules – hybridization of sp, sp², sp³ type. Electronegativity of elements, dipole moments of molecules. Hydrogen bonding – simple version. Chemical equilibrium – dynamic equilibrium idea, equilibrium constant, Le Chatelier principle. Aqueous solutions – solubility, dissociation, solvation (hydrolysis), buffers, solubility product, ionic strength, activity.

Basic information about electrochemistry – electrochemical cells, scheme of electrochemical cell, cell potential, half-cell potential, electrochemical order of metals. Corrosion of iron. Electrolysis – processes of oxidation and reduction on electrodes, examples of electrolysis.

Architecture of organic compounds. Stereochemistry of organic compounds. Alkanes and cykloalkanes. Diens and alkynes. Aromatic hydrocarbons. Halogenoorganic compounds. Alcohols, phenols and ethers. Amines. Aldehydes and ketones. Carboxylic acids and its derivatives. Carbohydrates.

3. Prerequisites

none

4. Aim of the course

The purpose of the course is to introduce the students into elementary academic Inorganic and Organic chemistry. In course is closed basic terms, chemical laws, cycle of chemical transformations, architecture of organic compounds, stereochemistry of organic compounds, the most important groups of organic compounds.

5. Literature

1. P. Mastalerz, Elementarna chemia nieorganiczna, Wyd. Chemiczne, Wrocław 2000.
2. P. Mastalerz, Elementarna chemia organiczna, Wyd. Chemiczne, Wrocław 1998.
3. I. Barycka, K. Skudlarski, Podstawy Chemii, Wyd. Pol. Wrocławskiej, Wrocław 2001.
4. M. J. Sienko, R. A. Plane, CHEMIA podstawy i zastosowania, Wyd. Naukowo-Techniczne, Warszawa 2002.
5. J. McMurry, Chemia Organiczna, Wydawnictwo Naukowe PWN, Warszawa 2003.

6. Type of course

Obligatory

7. Teaching team :

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/18	I	1
Classes			
Laboratory	15/12	I	1
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

laboratory and exam are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits
5

1. Course name

Physics

2. Course description

Lecture

INTRODUCTION: Physics as a natural science. SI – International System of Units. Definitions of base units. Rudiments of vector calculus. Foundations of analysis of experimental results: measurement and uncertainty, types of error, error analysis. MECHANICS: Material point kinematics: position, velocity, acceleration, description of motion using an orthogonal system of coordinates, uniform and uniform variable motion, rotary motion. Dynamics of the material point and a system of material points. Newton's Laws of Dynamics, Rigid body dynamics: torque, moment of inertia, law of parallel axis, momentum. Dynamics of rotary motion. Laws of conservation of momentum, angular momentum and energy. Statics. Gravitation: law of universal gravitation, lines of forces, potential of gravitational field. FLUID MECHANICS: Hydrostatics: pressure, Pascal law, Archimedes' principle. Hydrodynamics of the ideal fluid: equation of continuity of flow, Bernoulli's theorem, Magnus effect, Pitot tube, pitotstatic tube, Venturi tube. Real fluids: viscosity, Stokes formula, Hagen-Poiseuille formula, Reynolds number. THERMAL PHYSICS: Kinetic theory of heat: temperature, zero law of thermodynamics, heat, specific heat. Thermostatistics: heat balance. First law of thermodynamics. Equation of state of ideal gas, ideal gas laws. Reversible and irreversible processes: second law of thermodynamics, entropy, heat engines, Carnot cycle, statistical interpretation of entropy. ELECTRICITY AND MAGNETISM: Electrostatics: electric charge, law of conservation of electric charge, Coulomb's law, electric field, potential and electric tension, dielectric properties of matter. Electric current: current strength, charge carriers, electric resistance, Ohm's laws, electromotive force, Joule effect, Kirchhoff's laws. Magnetic field: Lorentz force, induction and magnetic field strength, Biot-Savart law, magnetic properties of matter – diamagnetic, paramagnetic and ferromagnetic substances. Electromagnetic induction: Faraday law, Lenz law, self-inductance. INTRODUCTION TO THE MODERN PHYSICS AND TECHNOLOGY: Quantum physics – physics of elementary particles and atoms, Special and general theory of relativity – physics of high velocities and energies, cosmology. Rudiments of modern technology – examples.

Laboratory

Measurement of the moment of inertia using the pendulum method and verification of the parallel axis theorem, Measurement of the modulus of stiffness using the dynamic method, Measurement of the speed of sound using the Lissajous figures, Measurement of the dynamic viscosity using the Stokes method, Calibration of a thermocouple, Measurement of the groove period of a diffraction grating, Measurement of the focal length of lenses using the Bessel method, Spectral analysis – gas spectra, Measurement of electric resistance, Verification of the Ohm's Law for the alternating current, Measurement of the resonance frequency of an RLC circuit, Oscilloscope as a measuring device.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is to give a base of physical knowledge necessary for other courses. The laboratory classes introduce students into experimental work and methodology of physical measurements.

5. Literature

1. J. Orear; *Fizyka*; WNT, Warszawa; (podręcznik podstawowy);
2. C. Bobrowski; *Fizyka – krótki kurs*; WNT, Warszawa; (podręcznik alternatywny);
3. H. Szydłowski; *Niepewności w pomiarach. Międzynarodowe standardy w praktyce*, Wydawnictwo Naukowe UAM, Poznań;
4. P.Wilk, W.Urbanik, I.Szczygieł; *Fizyka – laboratorium*, Wydawnictwo Akademii Ekonomicznej, Wrocław.

6. Type of course: Obligatory

7. Teaching team : Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/18	II	1
Classes			
Laboratory	30/18	II	1
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

Laboratory –obligatory number of accomplished experiments (positively graded),
Written examination test is the conditions of ranking the lecture.

10. Language:

Polish

ECTS credits
2

1. Course name

Information Technology

2. Course description

Laboratory

1. Basis conceptions and definitions used in Computer Science
2. Elements of architecture and functioning of a computer
3. The introduction to the computer usage
4. The basic characteristics of operational system Windows XP or Windows Vista: functions of the operational system
5. Tool software (antivirus programs, archive, diagnostic and optimizing)
6. Internet: characteristics, functions and usage of the Internet, the services available in Internet
7. Text editors on the example of WORD 2003 or 2007: the edition of the complex documents (with many pages), charts, inserting of the graphics (advanced methods), the edition of the mathematical formulas, the table elements of documents (paginations, headlines, footers), creation of the contents and index (subscripts, superscripts), tabulator, numbering, bullets, formatting a text in columns, the serial correspondence, forms, automation of the work, planning and creating professional documents and publications, computer composing of the compact descriptions
8. Computer data analysis (the area of usage of the data analysis), the rule of sheet's creation, types and structures of data, implementation and formatting of data, basic statistical analysis. The advanced topics: the elements of programming in calculating sheet, management of the sheets and folders, sheet as the data basic (addition of the records, sorting and managing the lists, using filters, sheet for the group work, advanced formulas and functions, presentations of the graphical data - MICROSOFT MAP, presentations and preparations of large printed papers, advanced operations on lists (pivot tables, chart), macrodefinitions, preparations of algorithms of economic problems.
9. *Work in program used for creating the presentations Power Point or FLASH*
Preparing own presentation

3. Prerequisites

None

4. Aim of the course

The main goal of the lecture is the introduction of the basic informatical knowledge about the using of the most commonly used software. Learning students about the basic definitions, practical skills and learning them how to perceive, formulate and solve the problem.

The usage of the information technology while creating the own basis of the intellectual work: conversion of texts, the rules of using the calculating sheet, data basis, the managers graphics and presentations and services in informatic nets.

5. Literature

1. R. Supranowicz, L. Łozowski, *Systemy operacyjne Windows oraz Microsoft Office 2000 w praktyce*, PWSZ im. Witelona w Legnicy, 2005
2. R. Supranowicz, L. Łozowski, *Windows Vista oraz Office 2007 Professional w praktyce*, PWSZ im. Witelona w Legnicy, 2008
3. A. Bąk (red.), *Wprowadzenie do informatyki dla ekonomistów*, Wyd. AE Wrocław 2000
4. Z. Dec; R. Konieczny, *ABC...komputera 2000*, EDITION 2000, Kraków, 2000
5. K. Kluczna, *ABC...Windows 2000*, EDITION 2000, Kraków, 2000

6. Type of course: Obligatory

7. Teaching team:

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory	30	I	1
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Laboratory and written test are the conditions of ranking the course.

10. Language: Polish

ECTS credits
4

1. Course name

Macroeconomics

2. Course description

Lecture

Introduction, structures of the economics. The main problems of economy. Inflation, unemployment. Economics function of government The rule of interventions. In economy. Gross domestic product. Government and global demand. The nature of fiscal policy. The role of money in the economy, The financial system in Poland. The supply of money. The demand for money. Keynesian and monetary controversies. Theory of equilibrium in concept of Keynes. Investment and saving. Budget politics. The control of aggregate demand Attitude towards monetary policy. The nature of central bank. Commercial banking. Monetary policy. Phillips curve. The main issue of unemployment. Inflation and unemployment – moderate monetarist and new classical position. The balance of payments and exchange rates. The open economy. Concerted international action to stabilize exchange rates.

3. Prerequisites

Pass microeconomics

4. Aim of the course

The main goal of the lecture is the introduction to the concept of mechanism of market in economy. The role of decision making systems in economy. First of all decision of enterprise. Aims and programmed is also problems efficiency of market in perspectives of public interest. Understanding The main macroeconomic problems. GDP, GNP, budget, inflation, Central bank, unemployment

5. Literature:

1. Begg D., Fischer S., Dornbusch R.: **Mikroekonomia**, wyd. I lub II, tom 1, PWE, Warszawa, 1993, 1997r.
2. Samuelson P.A., Norhaus W.D.: **Ekonomia t.1i2**, PWE, Warszawa 1995
3. Czarny B., Czarny E., Barkowiak R., Rapacki R.: **Podstawy ekonomii**, PWE 1998r.
4. **Podstawy ekonomii**, Praca pod redakcją R.Milewskiego, PWN, Warszawa 1998r
5. Wiszniewski Z.: **Mikroekonomia współczesna**, Olympus – Centrum Edukacji i Rozwoju Biznesu, Warszawa 1994.
6. Sloman J.: **Podstawy Ekonomii**, PWE, 2000r.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	II	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Lecture – exam

10. Language:

Polish

ECTS credits
6

11. Course name

Microeconomics

12. Course description

Lecture

Introduction, structures of the economics. The issue of scarcity and abundance; opportunity cost. Microeconomics and macroeconomics. Market economy; market and its structure. Demand and supply. The factors of demand and supply. Market price. The problems change of demand and supply. Elasticity, elasticity of demand. To measure and graphic interpretation of elasticity. The fundamental theory of enterprise. Revenue and costs production and factors of productions. The costs in enterprise. Profit maximizing under perfect competition and monopoly. The concepts of constable market structure. Alternatives theory of the firm. Multiple aims. Applied microeconomics. Policies towards monopolies and oligopolies. Markets of factor of production. Labor markets, capital market and land market. Nationalization versus privatization

13. Prerequisites

none

14. Aim of the course

The main goal of the lecture is the introduction to the concept of mechanism of market in economy. The role of decision making systems in economy. First of all decision of enterprise. Aims of programme is also problems efficiency of market in perspectives of public interest.

15. Literature

1. Begg D., Fischer S., Dornbusch R.: **Mikroekonomia**, wyd. I lub II, tom 1, PWE, Warszawa, 1993, 1997r.
2. Samuelson P.A., Norhaus W.D.: **Ekonomia t.1i2**, PWE, Warszawa 1995
3. Czarny B., Czarny E., Barkowiak R., Rapacki R.: **Podstawy ekonomii**, PWE 1998r.
4. **Podstawy ekonomii**, Praca pod redakcją R.Milewskiego, PWN, Warszawa 1998r
5. Wiszniewski Z.: **Mikroek onomia współczesna**, Olympus – Centrum Edukacji i Rozwoju Biznesu, Warszawa 1994.
6. Sloman J.: **Podstawy Ekonomii**, PWE, 2000r.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics.

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/36	I	1
Classes	15/18	I	1
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Lecture – exam

Classes - colloquium

10. Language:

Polish

ECTS credits
3

1. Course name

Ecology and management environment

2. Course description

Lecture

Introduction, basic principles and range of ecology.

Level of biological organization.

Accommodation, competition, multitypical ecological matches, factors limiting.

Evolution socially – economic world and results.

Effect of growth of human population on environment.

Degradation of natural environment.

Degradation of natural environment.

Characteristic of environment contaminating.

Clean technology.

The starting point for environmentalist business management.

Practical aspects of environmentalist business management.

Legal environmental protection aspects.

Checklists for environmentalist business management.

Auditorium exercises.

Protection of atmosphere.

Protection of water and sewage treatment plants of effluents (sinks).

Wastes, dumping ground.

Identification and classification of dangerous wastes.

Recultivation.

Environment protection before noise.

Monitoring of environment.

3. Prerequisites none

4. Aim of the course The purpose of the course is to introduce the students into elementary academic protection of environment.

5. Literature

1. Al Gore: Ziemia na krawędzi. Człowiek a ekologia. ETHOS Warszawa 1996.

2. Johansson A.: Czysta technologia. Środowisko, technika, przyszłość. WNT Warszawa 1992.

3. Krebs J. Ch: Ekologia, eksperymentalna analiza rozmieszczenia i liczebności. PWN Warszawa 1997.

4. Kumatowska A.: Ekologia. Jej związki z różnymi dziedzinami wiedzy. Wydawnictwo Naukowe PWN Warszawa-Łódź 1997.

5. Dostosowanie polskiego prawa i regulacji ekologicznych do rozwiązań Unii Europejskiej. Redakcja Bogusław Fiedor (praca zbiorowa), Wydawnictwo Ekonomia i Środowisko

6. Podstawy ekologii, Waldemar Podgórski. - Wrocław : Akademia Ekonomiczna, 2003.

6. Type of course Obligatory

7. Teaching team Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/36	II	1
Classes	15/12	II	1
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Written test are the conditions of ranking the lecture and auditorium exercises.

10. Language:

Polish

ECTS credits
6

1. Course name

Mathematics I.

2. Course descriptionLecture

Complex numbers. Polynomials. Matrices, determinants, systems of linear equations. Elements of analytic geometry.

Classes

Operations on complex numbers. Operations on polynomials, zeros of polynomials. Operations on matrices. Computing of determinants of matrices. Methods of solving systems of linear equations. Distances and angles in the three-dimensional space.

3. Prerequisites

None.

4. Aim of the course

During the lessons students learn to formulate mathematical descriptions of physical phenomena and technical issues and learn to formulate and apply mathematical models.

5. Literature

1. K. Selwat, *Wybrane zagadnienia matematyki*, Seria Wydawnicza PWSZ im. Witelona w Legnicy, Legnica, 2009.
2. M. Gewert, Z. Skoczylas, *Analiza matematyczna 1 i 2*, Oficyna Wydawnicza GiS, Wrocław, 2008.
3. T. Jurliewicz, Z. Skoczylas, *Algebra liniowa 1*, Oficyna Wydawnicza GiS, Wrocław, 2008.
4. G.M. Fichtenholz, *Rachunek różniczkowy i całkowy. Tom I*, PWN, Warszawa, 2007.
5. W. Krysiński, L. Włodarski, *Analiza matematyczna w zadaniach*, PWN, Warszawa, 2006.
6. M. Gewert, Z. Skoczylas, *Równania różniczkowe zwyczajne*, Oficyna GiS, Wrocław, 2004.
7. A. Piwecka-Staryszak (red.), *Wykłady z matematyki dla studentów uczelni ekonomicznych*, Wydawnictwo Akademii Ekonomicznej we Wrocławiu, Wrocław, 2004.
8. J. Abtowa, K. Piasecki, T. Różański, Z. Świtalski, *Matematyka wspomagająca zarządzanie*, Wydawnictwo Akademii Ekonomicznej w Poznaniu, Poznań, 2002.

6. Type of course

Obligatory.

7. Teaching team

Department of Basic Sciences.

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	I	1
Classes	30/24	I	1
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Credit of classes and written examination are the conditions of ranking the lecture.

10. Language:

Polish.

ECTS credits
6

1. Course name

Mathematics II.

2. Course description

Lecture

Sequences of numbers and their limits. Limit and continuity of a function of one variable. Differential calculus of functions of one variable. Integral calculus: indefinite and definite integral. Series of numbers and power series. Elements of differential and integral calculus of functions of two and three variables. An introduction to ordinary differential equations. An application of differential and integral calculus in physics, technology and economics.

Classes

Methods of computation of limits of sequences. Methods of computation of limits of functions. Computation of derivatives of functions. Applications of differential calculus. Methods of computation of indefinite and definite integrals. Convergence of series. Simple ordinary differential equations.

3. Prerequisites

None.

4. Aim of the course

During the lessons students learn to formulate mathematical descriptions of physical phenomena and technical issues and learn to formulate and apply mathematical models.

5. Literature

1. K. Selwat, *Wybrane zagadnienia matematyki*, Seria Wydawnicza PWSZ im. Witelona w Legnicy, Legnica, 2009.
2. M. Gewert, Z. Skoczylas, *Analiza matematyczna 1 i 2*, Oficyna Wydawnicza GiS, Wrocław, 2008.
3. T. Jurlawicz, Z. Skoczylas, *Algebra liniowa 1*, Oficyna Wydawnicza GiS, Wrocław, 2008.
4. G.M. Fichtenholz, *Rachunek różniczkowy i całkowy. Tom I*, PWN, Warszawa, 2007.
5. W. Krywicki, L. Włodarski, *Analiza matematyczna w zadaniach*, PWN, Warszawa, 2006.
6. M. Gewert, Z. Skoczylas, *Równania różniczkowe zwyczajne*, Oficyna GiS, Wrocław, 2004.
7. A. Piwecka-Staryszak (red.), *Wykłady z matematyki dla studentów uczelni ekonomicznych*, Wydawnictwo Akademii Ekonomicznej we Wrocławiu, Wrocław, 2004.
8. J. Abtowa, K. Piasecki, T. Różański, Z. Świtalski, *Matematyka wspomagająca zarządzanie*, Wydawnictwo Akademii Ekonomicznej w Poznaniu, Poznań, 2002.

6. Type of course

Obligatory.

7. Teaching team

Department of Basic Sciences.

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	II	1
Classes	30/24	II	1
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Credit of classes and written examination are the conditions of ranking the lecture.

10. Language:

Polish.

ECTS credits

4/5

1. Course name

Statistics for Engineers

2. Course descriptionLecture

Introduction to the probability theory: the concept of the probability space according to Kolmogorov, examples of the probability spaces (discrete space, conditional space, product space, geometrical space), the concept of the mass function (discrete mf, totally non discrete mf and continuous mf), random variable and cumulative distribution function, theorem about the distribution, parameters of the distribution, the most important distributions (binary, binomial, Poisson, uniform, exponential, normal, chi-square, t-Student, Snedecor), limits theorem: Weak and Strong of Large Number, the Central Limit Theorem.

The elements of the statistics: general population and character of this population, data set, the concept of statistics and the survey of the most important statistics (the mean, variance, S-dash statistic), distribution of random vector, correlation and regression.

Introduction to analysis of statistic data: histogram, the concept of the estimator and interval estimation, the methods of the results verification statistical data, introduction to the hypothesis testing theory (non parametric and parametric).

Classes

Resolving the problems from the lists.

3. Prerequisites

Credits for the other courses of the mathematics.

4. Aim of the course

The main goal of the lecture is to instruct of the students with the main methods and concepts of the probability theory and statistics, to show how is the rule the statistical data in the specification the character of the general population. To instruct the description, interpretation and presentation random occurrence in the term of probability theory.

5. Literature

1. R. Rębowski, Podstawy metod probabilistycznych, Seria Wydawnicza PWSZ w Legnicy, Legnica 2006.
2. J. Płaskonka, R. Rębowski, Zbiór zadań z metod probabilistycznych, Seria Wydawnicza PWSZ w Legnicy, w przygotowaniu.
3. W. Kordecki, Rachunek prawdopodobieństwa I statystyka matematyczna, Teoria, przykłady, zadania. Oficyna Wydawnicza GIs, Wrocław 2000.
4. W. Klonecki, Statystyka dla inżynierów, Warszawa, PWN, 1999.

6. Type of course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	III	2
Classes	15/12	III	2
Laboratory			
Project			
Seminar			
Total student's workload	120/150		

9. Conditions of the course acceptance:

classes and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits
2

1. Course name

Operational research

2. Course description:

Lecture

Introduction

Selected problems of linear programming

Non-linear optimizational problems (with and without bounds)

Transportation problems and problems of tasks distribution

Network programming

Elements of dynamic programming

Multiple-criterial systems of making decisions

Basics of discrete programming

Games and strategies – basic informations

Classes

The aim of the classes is to learn the ways of solving practical decisional problems using operational research. Interpretation and discussion of results.

3. Prerequisites

Credit in „Mathematics”

4. Aim of the course

The aim of the course is to present the theory and the practical aspects of processes of making optimal decisions.

Special attention is paid to problems of using methods from the area of operational research. A number of examples of operational research applications in solving practical problems is presented.

5. Literature

1. Ignasiak E. (red.), *Badania operacyjne*, PWE, Warszawa, 2001
2. Mitchell G.W., *Badania operacyjne – metody i przykłady*, WNT, Warszawa, 1977
3. Goddard L.S., *Metody matematyczne w badaniach operacyjnych*, PWN, Warszawa 1965
4. Ford L.R., *Przepływy w sieciach*, PWN, Warszawa, 1969
5. Sysło M., Deo N., Kowalik J., *Algorytmy optymalizacji dyskretnej*, PWN, Warszawa, 1993
6. Zangwill W., *Programowanie nieliniowe*, WNT, Warszawa, 1974
7. Kukuła K.(red), *Badania operacyjne w przykładach i zadaniach*, PWN, Warszawa, 2001
8. Trzaskalik T., *Badania operacyjne z komputerem*, Seria: *Metody badań operacyjnych*, Łódź, 1997

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems and Applications of Computer Science

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	III	2
Classes	15/12	III	2
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Written credit

10. Language:

Polish

ECTS credits
3

1. Course name

Economic law

2. Course description

Lecture

Notion of business law; system of business law; source of public economic activities and rules of law; legal relations of the scope binding force of public business law; legal grounds influence of the state on the national economy; economic administration nation and state administration system.

Economic activity law; economic activity in Poland and UE; form of law to run an economic activities: individual, artificial person, commercial company, association of capital, civil partnership as entrepreneurs, state-owned enterprise, public artificial persons.

State control in national economy. Consumer and competition protection.

3. Prerequisites

none

4. Aims

Demonstration to the students basic principles and institutions of public and private business law, demonstration of the influence of the state on the economy especially on the market economy; basic sources of public and private business law, legal forms of running a business.

5. Literature

1. C. Kosikowski, *Publiczne prawo gospodarcze Polski i UE*, wyd. I, LexisNexis, Warszawa 2005
2. J. Olszewski (red.), *Publiczne prawo gospodarcze*, wyd. C. H. Beck, Warszawa 2005
3. J. Ciechanowicz-McLean, A. Powalowski, *Publiczne prawo gospodarcze. Zarys wykładu*, wyd. LexisNexis, Warszawa 2003
4. Koch, J. Naperała (red.), *Prawo spółek handlowych*, Zakamycze 2005
5. Banasiński, H. Gronkiewicz-Walcz, M. Wyrzykowski, D. Szafranski, M. Wierzbowski, *Prawo gospodarcze. Zagadnienia administracyjnoprawne*, wyd. 5 LexisNexis, Warszawa 2005
6. Ustawa z 15.09.2000 r. Kodeks spółek handlowych (Dz. U. 2000 nr 94/poz. 1037)
7. Ustawa z 20.08.1997 r. o Krajowym Rejestrze Sądowym (Dz. U. 2001 nr 17/poz. 209)
8. Ustawa o swobodzie działalności gospodarczej z 2.07.2004 r. (Dz. U. 2004 nr 173/poz. 1807)

6. Type of course

Obligatory

7. Teaching team

Department of Science on Economy and European Union

8. Course structure

Form	Number of hours	Semester	year
Lecture	30	IV	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Written exam.

10. Language:

Polish

ECTS Credits

2

1. Course name:

Fundamentals of marketing

2. Course Description:
Lecture:

Company on the market. The meaning and importance of marketing. Purchasers' behavior. Marketing information system /SIM/ in a company. Marketing research. Marketing strategy creating process in a company. The product. The price. The distribution. The promotion. The marketing action control. Marketing details of certain business activities.

Practice:

Analysis of some study cases in the range of: analysis of the market, analysis of the company's situation by means of the SWOT and BCG method, analysis of the purchasers' behavior, the clients' market segmentation, key marketing problems identification connected with the specific marketing elements such as: product, price, distribution, promotion.

3. Prerequisites:

passing „The Management Bases” course

4. Aim of the course:

The aim of the lectures of „Basic Marketing” is to teach the key issues about the meaning, the function and the role of marketing, the analysis process of the market environment, building the marketing strategy, rules of creating and the use of the marketing tools as well as the methods of conducting the market research. Theory will make the base for building up the practical part of the course, which will include the analysis of some study cases describing the current problems of Polish companies. By learning the theory and taking part in the practical part, the students should learn to identify the key marketing problems of the company, to use the rich marketing tools as well as to draw the conclusions and future suggestions.

5. Literature:

1. Kotler P.: *Marketing*, Dom Wydawniczy Rebis, 2005.
2. Kotler P., Armstrong G., Saunders J., Wong V.: *Marketing. Podręcznik Europejski*. PWE, Warszawa 2002
3. Altkorn J. (red.): *Podstawy marketingu*, Instytut Marketingu. Kraków 2002
4. Garbarski L., I. Rutkowski, W. Wrzosek: *Marketing. Punkt zwrotny nowoczesnej firmy*, PWE. Warszawa 2001
5. Przybyłowski K., Hartley S., Kerin R., Rudelius W.: *Marketing*, Dom Wydawniczy ABC, 1998.
6. Radkowska J, Radkowski K.: *Marketing usług w teorii i praktyce*, Stowarzyszenie na Rzecz Rozwoju PWSZ im. Witelona w Legnicy „Wspólnota Akademicka”, Legnica 2006.

6. Type of course:

obligatory

7. Teaching team:

Department of Sciences about Enterprise and Marketing

8. Course structure:

Form	Number of hours	Semester	Study year
Lecture	15/18	3	2
Classes			
Laboratory			
Project			
Seminar	15/12	3	2
Total student's workload	60		

9. Conditions of the course acceptance:

lecture - credit

seminar - credit

10. Language:

Polish

ECTS credits
2

1. Course name

Materials technology

2. Course description

Lecture

Significance of materials engineering. Classification and characteristic of basic materials: alloys, glasses, plastics, composites. Examples of applications. Physical-chemistry basis of material's microstructure. Phase transformations (basic of equilibrium systems). Methods of forming microstructure and properties of materials.

Laboratory

Identification of alloys. Analysis of equilibrium systems. Microscopic examination of materials. Quenching of steel. Thermo-chemical treatment of steel.

3. Prerequisites

none

4. Aim of the course

Acquaintance of students with the basic materials used on machine-building industry (alloys and plastics). Explanation of relationships between chemical composition, technology (heat treatment) and microstructure, basic mechanical, physical-chemistry and working properties of steel, cast iron, alumina alloys, copper alloys and plastics. Classification by national and european standards. Presentation of selection method for particular application of materials. Quality assessment of materials and determination of failure reason.

The main goal of the laboratory is practical knowledge microstructure and basic properties of steel, cast iron, alumina alloys, copper alloys and plastics.

5. Literature

1. Ashby M.F., Johnes D. R.: Materiały inżynierskie, WNT, Warszawa, 1995.
2. Ashby M.F.: Dobór materiałów w projektowaniu inżynierskim, WNT Warszawa 1998.
3. Blicharski M.: Wstęp do inżynierii materiałowej, WNT, Warszawa 1998.
4. Dobrzański L.A.: Materiałoznawstwo z podstawami nauki o materiałach, WNT, W-wa, 1996.
5. Grabski M.W.: Istota inżynierii materiałowej, Oficyna PWA, Warszawa, 1995.
6. Haimann R.: Metaloznawstwo. Wyd. PWR, Wrocław, 1980.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	I	1
Classes			
Laboratory	15/12	I	1
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Lecture:

test

Laboratory:

report

10. Language:

Polish

ECTS credits
2

1. Course name

Materials technology

2. Course description

Lecture

Heat treatment and thermo-chemical treatment. Iron alloys: classification, chemical composition, properties, applications. Non-ferrous alloys classification, chemical composition, properties, applications. Basis of corrosion. Polymers: technology, classification, properties, applications. Ceramics: physical, chemistry and using properties. Composites: technology, classification, properties, applications.

Laboratory

Cast iron - characteristic of graphite. Alumina alloys. Copper alloys. Zinc alloys. Identification of plastics. Physical and chemistry properties of plastics.

3. Prerequisites

Credit of course "Materials technology" in semester I

4. Aim of the course

Acquaintance of students with the basic materials used on machine-building industry (alloys and plastics). Explanation of relationships between chemical composition, technology (heat treatment) and microstructure, basic mechanical, physical-chemistry and working properties of steel, cast iron, alumina alloys, copper alloys and plastics. Classification by national and european standards. Presentation of selection method for particular application of materials. Quality assessment of materials and determination of failure reason.

The main goal of the laboratory is practical knowledge microstructure and basic properties of steel, cast iron, alumina alloys, copper alloys and plastics.

5. Literature

1. Ashby M.F., Johnes D. R.: Materiały inżynierskie, WNT, Warszawa, 1995.
2. Ashby M.F.: Dobór materiałów w projektowaniu inżynierskim, WNT Warszawa 1998.
3. Blicharski M.: Wstęp do inżynierii materiałowej, WNT, Warszawa 1998.
4. Dobrzański L.A.: Materiałoznawstwo z podstawami nauki o materiałach, WNT, W-wa, 1996.
5. Grabski M.W.: Istota inżynierii materiałowej, Oficyna PWA, Warszawa, 1995.
6. Haimann R.: Metaloznawstwo. Wyd. PWR, Wrocław, 1980.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	II	1
Classes			
Laboratory	15/12	II	1
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Lecture:

test

Laboratory:

report

10. Language:

Polish

ECTS credits
4

1. Course name:

Introduction to technique

2. Course description:

Lecture:

Definition of technique and technical systems. Technique and civilization. Professional features of engineer. Mathematics, physics and chemistry role as bases of technical science. Productive process vs. technological process. Structure of technological processes. Structure of design and construction process. Computer aided design (CAD). Characteristic of production in different technique branches: building, machine constructing, electrical and electronic engineering, food and chemical engineering. Part of computerization in productive processes realization: Computer aided manufacturing (CAM), Computer integrated manufacturing (CIM).

New technique and technology transfer into industry. Technique and technology part in economic progress. Technique and natural environment. Recycling.

Classes:

Definition of machine and machine systems by UE directive. Systems of control and regulation – functions and tasks on chosen examples. Experts' systems, artificial intelligence, neural networks – intelligent machines and appliances. Automation and robotization of factories of XXI century vs. unemployment. Contribution of mechanical technologies, automation and robotization in chosen techniques fields: construction of machine and vehicles; construction of roads, bridges, buildings; chemical processes' engineering. Technical systems vs. exploitations' processes, like: friction, fatigue, corrosion, etc. Diagnostics and monitoring. Technological progress vs. natural environment in regional and global scope. Dominating role of computer science in civilization development of human race. Global informatics village.

3. Prerequisites: None.

4. Aim of the course:

The main goal of lecture is transferring of basic knowledge concerning technique and technology and the part they take in civilization and social-economical progress.

5. Literature:

- Adamczyk W.: *Inżynieria procesów przemysłowych*. Kraków: Wyd. AE 1988
- Ashby M.F.: *Dobór materiałów w projektowaniu inżynierskim*. Warszawa: WNT 1998
- Baruk J.: *Nauka i technika w rozwoju gospodarczym*. Lublin: Wyd. UMCS 1997
- Durlik I.: *Inżynieria zarządzania. Strategia i projektowanie systemów produkcyjnych*. Cz.1. Strategie organizacji i zarządzania produkcją. Warszawa: AWP Placet 2000
- Griffin R.W.: *Podstawy zarządzania organizacjami*. Warszawa: WN PWN 2000
- Innowacje i transfer techniki w gospodarce polskiej*. Red. A.H. Jasiński. Białystok: Wyd. Uniwersytetu 2000
- Johansson A.: *Czysta technologia. Środowisko, technika, przyszłość*. Warszawa: WNT 1997
- Krick E.V.: *Wprowadzenie do techniki i projektowania technicznego*. Warszawa: WNT 1975
- Kubański W.: *Wprowadzenie do techniki. Rola i miejsce techniki w gospodarce oraz życiu społecznym*. Kraków: Uczelniane Wyd. Nauk. – Dyd. AGH 2006
- Wprowadzenie do projektowania*. Red. A. Baranowski. Warszawa: WN PWN 1998

6. Type of course: Obligatory

7. Teaching team: Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	30/12	I	1
Classes	15/12	I	1
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Written test.

10. Language:

Polish

ECTS credits
2

1. Course name

Geometry and the engineering graphics I

2. Course description

1. Preliminary messages: kinds of pictures, sheets, kinds and thicknesses of the line and drawing materials.
2. Basic notions of the descriptive geometry. Throws: centre (prospect), parallel oblique (axonometry), Monge throws.
3. Normal layout of rectangular groups (European method). Examples of projecting elements about the different degree of the complexity.
4. Sections and detail section of elements of machines.
5. Bases of dimensioning of objects: elements of drawing dimensions, principles of dimensioning, ways of dimensioning of characteristic elements.
6. Of tolerating dimensions and fitting. Tolerance of the shape and the location. Surface roughness.
7. Structural pictures of typical elements: screw joints, rollers, wheels and transmission gears, sliding and rolling bearings.
8. Assembly drawing - of deciphering the principle and making out
9. Principles of making out schemes of submitted technical arrangements in different areas of engineering: plumbing, electronic, electric and thermal installations.
10. Interpenetrating of rotational and nonrotational lumps and developing them.

3. Prerequisites

None

4. Aim of the course

Purchasing presenting spatial geometrical works to the ability (parts of machines and the structure) on the plain and of making out schemes and reading technical drawings from different areas of the technique.

5. Bibliography

1. Dobrzański T.: Rysunek techniczny maszynowy. Warszawa: WNT 2000
2. Lewandowski T.: Rysunek techniczny dla mechaników. WSzIP, Warszawa 2003.
3. Rydzanicz I.: Zapis konstrukcji. Podstawy. Oficyna Wydawnicza PWR. 2000.
4. Rydzanicz I.: Rysunek techniczny jako zapis konstrukcji. Zadania. WNT, Warszawa 2004.
5. Paprocki K.: Zasady zapisu konstrukcji. Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa 2000.
6. Burcan J.: Podstawy rysunku technicznego. WNT, Warszawa 2006.
7. Suseł M.: Grafika inżynierska. Zbiór zadań. Oficyna Wydawnicza Politechniki Wrocławskiej 2005.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. The duration and the timetable:

Form	Number of hours	Semestr	year
Lecture			
Classes	30/12	I	1
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance

Exercises: realization of topics on classes and of home works, written final test e.g. set by the picture of object

10. Lecture tongue

Polish

ECTS credits
3

1. Course name

Geometry and the engineering graphics II

2. Course description:

1. Introduction. General information about carrying drawing documentation out with the application CAD. Overall description of available programs CAD.
2. Drawing template.
3. Drawing basic tools (line, circle).
4. Tools changing drawn buildings. Points of the location.
5. Dimensioning, basic and using styles of dimensioning.
6. Diameters, blocks, libraries of pictures
7. Admission to graphics 3 D, methods of building buildings 3 of D, adding up, deducting objects.
8. Copying the real object in the form of the technical drawing
9. Axonometric picture of the set object
10. Picture of the standard connection applied in mechanical structures
11. Compound picture of the described team
12. Drawing up the set working drawing of the object.
13. The scheme and the description of the action of the chosen device

3. Prerequisites

None

4. Aim of the course

Purchasing the ability of perceiving and presenting spatial geometrical works (of the part and assemblies of machinery, devices, the building and the infrastructure) on the plain. Ability of reading and interpreting technical drawings from various areas of the technique. Drawing up schemes of both simple technical drawings of elements and assemblies of machinery and devices.

5. Bibliography

1. Dobrzański T.: Rysunek techniczny maszynowy. Warszawa: WNT 2000
2. Lewandowski T.: Rysunek techniczny dla mechaników. WSzIP, Warszawa 2003.
3. Rydzanicz I.: Zapis konstrukcji. Podstawy. Oficyna Wydawnicza PWR. 2000.
4. Rydzanicz I.: Rysunek techniczny jako zapis konstrukcji. Zadania. WNT, Warszawa 2004.
5. Paprocki K.: Zasady zapisu konstrukcji. Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa 2000.
6. Winkler T.: Komputerowy zapis konstrukcji. WNT, Warszawa 1997.
7. Burcan J.: Podstawy rysunku technicznego. WNT, Warszawa 2006.
8. Pikoń A.: AutoCAD 2007. Pierwsze kroki. Helion 2006.
9. Suseł M.: Grafika inżynierska. Zbiór zadań. Oficyna Wydawnicza Politechniki Wrocławskiej 2005.
10. Dokumentacja programu CAD

6. Type of the course

Obligatory

7. Academic staff

Department of Production Engineering and Logistics

8. The duration and the timetable:

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory	15/12	II	1
Project	15/12	II	1
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance

Project: realization of topics on classes and of home works, written final test e.g. set by the picture of object
Laboratory: the correct picture during the classes.

10. Language

Polish

ECTS credits
3

1. Course name

Fundamentals of management

2. Course description

Lecture

Essence and function of management. Institution's environment. Objectives of an institution. Planning within an organisation. Typology and characteristics of plans. Types and design of organisational structures. Management as a decision-making process. Personnel function within an organisation. Introduction to employee motivation Function of control and supervision in management. Managerial work, styles of management. Modern conceptions of management. .

Seminar

Methods of planning in organisation. Design of organisational structures, including a selection of organisational documents. Design of motivational systems.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction of basic concepts of organisational management. The goal of the seminar is mastering of the ability to design the basic elements of a management system

5. Literature

11. *Organizacja i zarządzanie. Podstawy wiedzy menedżerskiej* (pod red. M. Przybyły) Wyd. Akademii Ekonomicznej, Wrocław 2001
12. Griffin R.W., *Podstawy zarządzania organizacjami*, PWN Warszawa 1996

6. Type of course

Obligatory

7. Teaching team

Department of Economics and Management

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	II	1
Classes			
Laboratory			
Project			
Seminar	15/12	II	1
Total student's workload	90		

9. Conditions of the course acceptance:

Lecture – written examination

Seminar – written examination

10. Language:

Polish

ECTS credits
2

1. Course name

The computer science- DataBases

2. Course description

Laboratory

The economic usage of the DataBases, planning DataBases: the definitions of the DataBases,the models of the creation, the basis one- the conceptual (the definition of entity and its attributes, the correlations between them and their characteristics), for implementation, the creation of the data bases: the implementation project, tables' structure, the types of data, the main and foreign keys, the types of correlation. Work with data included by the data base, the methods of filtration and sorting the data, the projects of kwerends, creating them, interface of the user, elaboration of assumptions for the database, creating of the own database, the elements of programming database systems, the example of usage of the relation DataBase.

3. Prerequisites

Information technology

4. Aim of the course

The main goal of the lecture is the introduction of the basic informatical knowledge about the using of the most commonly used software. Learning students about the basic definitions, practical skills and learning them how to perceive , formulate and solve the problem

The usage of the information technology while creating the own basis of the intellectual work: conversion of texts, the rules of using the calculating sheet, data basis, the manager;s graphics and presentations and services in informatic nets

The main goal of the lecture is the introduction to the concept of relational database systems, database designing, implementing, and optimizing.

5. Literature

1. Bąk (red.), *Wprowadzenie do informatyki dla ekonomistów*, Wyd. AE Wrocław 2000
2. L. Banachowski, *Bazy danych. Tworzenie aplikacji*, Akademicka Oficyna Wydawnicza PLJ, Warszawa, 1998
3. P. Beynon – Davies, *Systemy baz danych*, WNT, Warszawa, 1998
4. Supranowicz R., Łozowski L., *Podstawy pracy z bazami danych MS ACCESS 2003*, PWSZ, Legnica 2006
5. C. Delobel, M. Adiba, *Relacyjne Bazy Danych*, WNT, Warszawa 1998
6. M. Kopertowska, *Ćwiczenia w Access 2000*, MIKOM, Warszawa, 2000
7. M. Kopertowska , *Zaawansowane możliwości bazy danych Access 2000 PL*, MIKOM, Warszawa, 2000

6. Type of course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30/18	I	1
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits
2

1. Course name

The computer science- computer systems

2. Course description

Lecture

Introduction to algorithms and flow charts. Computational complexity basics. Positional numeral systems.

The Pascal programming structure. The Pascal compilation model. Integer and real numeric types. Assignments. Arithmetic operators. Char and Boolean types. I/O basics. Building user interface in char mode. Conditionals: the *if* statement, the *case* statement. Procedures and functions: declarations, parameter lists, value parameters, variable parameters. Writing programs with procedures and functions. Looping and iteration: *repeat...until*, *while...do*, *for...to/downto*. Standard procedures *break* and *continue*. Recursion. Single and multi-dimensional arrays: declarations, handling elements, examples. Strings: declarations, simple processing, strings as arrays, standard functions and procedures *Concat*, *Copy*, *Pos*, *Delete*, *Length*, *Str*, *Val*. I/O formatting. Records data types: type definitions, variable declarations, *with* statement. Records with variants. Arrays of records: performing I/O operations. Text and defined files. Programming with units.

Laboratory

Implementation of the proposed algorithms using Pascal but ELI programming languages

Creating, compiling and running Pascal programs using Dev Pascal IDE. Pascal programs with constants, variables and arithmetic operators. Basic I/O. Pascal programs with logical operators and conditionals. Single-dimensional arrays and iteration statements. Functions and program modularization. Programming with records. Reading and writing files.

3. Prerequisites

Information technology

4. Aim of the course

The main goal of the lecture is the introduction of the basic informatical knowledge about the using of the most commonly used software. Learning students about the basic definitions, practical skills and learning them how to perceive , formulate and solve the problem

Introducing the problem of algorithms construction, evaluation and optimisation and presented some methods of data structures computation. The main goal of the lecture is to practice the methodological usage of Pascal language in solving small and medium size algorithmic problems.

5. Literature

1. Skorupski A., *Podstawy budowy i działania komputerów*, Wydawnictwo Komunikacji i Łączności, 2000
2. Sysło M., *Algorytmy*, Wydawnictwa Szkolne i Pedagogiczne, 1997
3. Koleśnik K., *Wstęp do programowania z przykładami w Turbo Pascalu*, Wydawnictwo Helion, Gliwice 1999
4. Sadowski T.M., *Praktyczny kurs Turbo Pascala*, Helion, Gliwice 2003
5. Wróblewski P., *Algorytmy: struktury danych i techniki programowania*, Helion, 2003, w.III
6. Marciniak A., *Turbo Pascal 7.0 z elementami programowania*, Wydawnictwo Nakom, Poznań 1994

6. Type of course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	II	1
Classes			
Laboratory	30/18	II	1
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

2/3

1. Course name:

Production processes and techniques

2. Course description:

Lecture:

During the lectures the students will be presented a basic knowledge of processes and techniques of production, individual operations and processes in technologic processes, students should gain the skill of production process selection and skill of preparing a documentation to production flow. Lecture contents: Production systems and his organization. Production process and his features. Characteristics of production organization. General characteristics of production techniques. Functional structure of production process. Goals in production process. Individual operations and processes in production process. Continuous and discrete processes. Selection of production process and technology. Analyze of production processes' flow. Designing of production flow, organization and forms of production flow. Optimization of production processes' flow.

Project:

During exercises students create a production enterprise, define its production structure, technological process and environment elements. Based on production orders, the students manage the manufacturing process and optimize it. Based on production orders, a material requirements plan and production schedule is generated as well as workloads of production resources are planned. The last stage is optimization of manufacturing process based on the generated MRP report.

3. Prerequisites

None.

4. Aim of the course:

Getting to know about methods, techniques and types of production planning in a production company. Obtaining abilities from the area of planning, organization and control of production processes.

5. Literature:

- Burduk A., Chlebus T., Gajewski E., Wierzchowski L.: *Ocena produktywności przedsiębiorstw metodami symulacyjnymi.*, Prace Naukowe Instytutu Technologii Maszyn i Automatyzacji Politechniki Wrocławskiej. [w:] *Automatyzacja produkcji. AP 2003. Nauka - wiedza – innowacje.* Wrocław, 11-12 grudnia 2003. Wrocław: Oficyna Wyd. PWr., 2003
- Chlebus E.: *Techniki komputerowe CAx w inżynierii produkcji.* Warszawa: WNT, 2000
- Durlik I.: *Inżynieria zarządzania. Strategia i projektowanie systemów produkcyjnych. Cz.1. Strategie organizacji i zarządzania produkcją.* Warszawa: Wyd. Placet, 2004
- Durlik I.: *Inżynieria zarządzania. Strategia i projektowanie systemów produkcyjnych. Cz.2. Strategia wytwarzania, projektowanie procesów i systemów produkcyjnych.* Warszawa: Wyd. Placet, 2005
- Griffin R.W.: *Podstawy zarządzania organizacjami.* Warszawa: WN PWN, 2000

6. Type of course

Obligatory.

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	15/12	III	2
Classes			
Laboratory			
Project	15/12	III	2
Seminar			
Total student's workload	60/90		

9. Conditions of the course acceptance:

Lecture: written test.

Project: Delivering and analysing of the MRP report and suggestion of a way or method to optimise the realisation of a chosen order.

10. Language

Polish.

ECTS credits

3

1. Course name:

Production processes and techniques

2. Course description:

Lecture:

During the lectures the students will be presented a basic knowledge of processes and techniques of production, individual operations and processes in technologic processes, students should gain the skill of production process selection and skill of preparing a documentation to production flow. Lecture contents: Optimization of production processes' flow. Designing of production systems – serial and unique production, groups technology, flexible production systems. Files and control of production flow. Documentation of production flow. Examples of chosen production processes in different techniques fields.

Laboratory:

During the exercises the students will practice various methods of production organization and control through building simulation models of production system. The contents of the laboratory: Introduction to modelling, simulation and optimization of production system. Production process common model building, its simulation and optimisation - iGrafx Process for Six Sigma modeling and simulation software. Production process model building (single-handed) and its optimization. Implementation of various production organization methods to the computer models and their comparative analysis.

3. Prerequisites

None.

4. Aim of the course:

Getting to know about methods, techniques and types of production planning in a production company. Obtaining abilities from the area of planning, organization and control of production processes.

5. Literature:

1. Burduk A., Chlebus T., Gajewski E., Wierchowski L.: *Ocena produktywności przedsiębiorstw metodami symulacyjnymi.*, Prace Naukowe Instytutu Technologii Maszyn i Automatyzacji Politechniki Wrocławskiej. [w:] *Automatyzacja produkcji. AP 2003. Nauka - wiedza – innowacje.* Wrocław, 11-12 grudnia 2003. Wrocław: Oficyna Wyd. PWr., 2003
2. Chlebus E.: *Techniki komputerowe CAX w inżynierii produkcji.* Warszawa: WNT, 2000
3. Durlik I.: *Inżynieria zarządzania. Strategia i projektowanie systemów produkcyjnych. Cz.1. Strategie organizacji i zarządzania produkcją.* Warszawa: Wyd. Placet, 2004
4. Durlik I.: *Inżynieria zarządzania. Strategia i projektowanie systemów produkcyjnych. Cz.2. Strategia wytwarzania, projektowanie procesów i systemów produkcyjnych.* Warszawa: Wyd. Placet, 2005
5. Griffin R.W.: *Podstawy zarządzania organizacjami.* Warszawa: WN PWN, 2000

6. Type of course

Obligatory.

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	15/12	IV	2
Classes			
Laboratory	30/12	IV	2
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Lecture: written test.

Laboratory: delivery of agreed variants of the optimised simulation models following a chosen production organization method.

10. Language

Polish.

ECTS credits
3/2

1. Course name

Metrology basics

2. Course description

Lecture

Brief history of measurement and metrology. Basic terms. System of units.

Measurement process, measurement methods and devices .

Measurement errors and their sources, analysis of measurement uncertainty.

Construction of measurement devices. Introduction to measurement devices using. Measurement of voltage, current and power.

Signals and systems. Classification of signals.

Frequency and time measurement. Oscilloscope.

Operational amplifier and its applications.

Analog/digital and digital/analog converters.

Transducers and sensors. Measurement of non-electricity quantities.

Microprocessors in measurement systems.

Laboratory

3. Prerequisites

Credit of Physics

4. Aim of the course

Introduction to the basic knowledge about measurements, devices and measurement methods.

Measurement process as a physical phenomenon.

Measurement errors and developing of uncertainty analysis.

Introduction to measurement devices using.

5. Literature

1. J. Piotrowski „Podstawy miernictwa”, WNT, 2002
2. Chwaleba, M. Poniński, A. Siedlecki „Metrologia elektryczna”, WNT, 2003
3. J. Czajewski, M. Poniński „Zbiór zadań z metrologii elektrycznej”, WNT, 1995
4. „Wyrażanie niepewności pomiarów. Przewodnik”, GUM, 1999

6. Type of course

Obligatory

7. Teaching team

Department of Networks, Electronics and Telecommunication

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	III	2
Classes			
Laboratory	15/12	III	2
Project			
Seminar			
Total student's workload	90/60		

9. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

4

1. Course name:

Basics of engineering design

2. Course description:

Lecture:

During the lecture students get know the Basic knowledge of objects and processes designing as basic elements. Contents of lectures: Holistic frame of production process. Objective and normativ principles of designing. Traditional designing vs. actual designing. Methodic basis and organization of simultaneous designing. Technical systems (machines, appliance, infrastructure and processes) in system's frame. Formularization and analyze of problem, serach of conseptual solution – methods and assisting techniques. Characteristics formation of chosen technical objects – engineering calculation. Perform needs and limits. Methods of evaluation and selection the solution option. Modeling and optimization in project works. Basic knowledge in engineering designing. Computer added designing. Construction in costs respect.

Project:

During the classes students make a project of technological process of chosen product. Project's contents insist of e.g.: Product's description and evaluation of his Marks. Index and characteristics of basal and additional raw materials. Partition of technological process in individual operations and processes and detail description their occurrence. Scheme of technological processes. Material and energy balance.

3. Prerequisites:

Pass the engineering graphics.

4. Aim of the course:

Getting the skills and competence in a field of principles and methods in engineering designing of technical systems, technological objects and processes.

5. Literature:

1. Bolach E., Tomczak E., Ziobrowski J.: *Ćwiczenia z technologii przemysłu spożywczego. Projektowanie procesów technologicznych*. Wrocław: Wyd. Uczelniane AE, 1981.
2. Durlik I.: *Inżynieria zarządzania. Strategia i projektowanie systemów produkcyjnych. Cz.1. Strategie organizacji i zarządzania produkcją*. Warszawa: Wyd. Placet, 2004.
3. Durlik I.: *Inżynieria zarządzania. Strategia i projektowanie systemów produkcyjnych. Cz.2. Strategia wytwarzania, projektowanie procesów i systemów produkcyjnych*. Warszawa: Wyd. Placet, 2005.
4. Dłużewski M.: *Technologiczne projektowanie zakładów przemysłu spożywczego*. Warszawa: WNT, 1974.
5. Feld M.: *Podstawy projektowania procesów technologicznych typowych części maszyn*. Warszawa: WNT, 2000
6. Sielicki A., Jeleniewski T.: *Elementy metodologii projektowania technicznego*. Warszawa: WNT, 1990
7. Szymczak Cz.: *Elementy teorii projektowania*. Warszawa: WN PWN, 1998.
8. *Wprowadzenie do projektowania*. Pod red. B. Baranowskiego. Warszawa: WN PWN, 1998.
9. Feld M.: *Podstawy projektowania procesów technologicznych typowych części maszyn*. Warszawa: WNT 2000
10. Sielicki A., Jeleniewski T.: *Elementy metodologii projektowania technicznego*. Warszawa: WNT 1990

6. Type of course: Obligatory

7. Teaching team :

Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semester	Year
Lectures	30/18	III	2
Classes			
Laboratories			
Projects	30/18	III	2
Seminar			
Consultations			
Total student's workload	120		

9. Conditions of the course acceptance:

Lecture: Written test.

Project: Tests, Project evaluation.

10. Language:

Polish

ECTS credits
5

1. Course name

Production and service management

2. Course description

Lecture

Introduction. Basic meanings and definitions. Productivity. Production as a product value added process. Production management process. Strategic and operational decisions in production management. Production management objectives. Financial and operational production management indicators. Competition criteria: price, reliability, quality, delivery time, flexibility. Logistics principles and approach of production management. Production flow parameters: lead time, stocks, production lot. Production management strategic decisions: Product choice and design, process choice and design, production capacity planning, Layout planning. Work system design. Production planning levels. Sales and Production Planning. Master Production Schedule. Materials Requirement Planning. Scheduling and production activity control. Classical EOQ inventory management systems.

Classes

Product's optimal choice. Using of Break Even Point model in process choice decisions. Calculation of production capacity. Modeling of production process. Project of production layout planning. Methods of lead time decreasing. Concurrent flow of lots. Using of Gantt's chart and Johnson's algorithm in production control.

Aggregate production planning strategies. Using of transportation matrix in production planning. Economic order quantity (Wilson formula). EOQ inventory management model.

3. Prerequisites:

None

4. Aim of the course

Delivery to the students the basic knowledge concerning strategic and operational production management decisions.

Understanding of the structure of production processes and systems as well as practical using of chosen production planning and control systems, models, methods, techniques and tools.

5. Literature

1. Muhlemann, A., P., Oakland J., S., Lockyer K., G., *Zarządzanie – Produkcja i Usługi*, PWN, Warszawa 1995
2. Durlak Ireneusz, *Inżynieria Zarządzania 1*, Agencja wyd. Placet, 1995
3. Balter F., Jean, Zbroja Tadeusz, *Zarządzanie logistyczne w przedsiębiorstwie*, Biblioteka MWSLiT we Wrocławiu, Oficyna Wyd. „Nasz Dom i Ogród”, 2003
4. Waters Donald, *Zarządzanie operacyjne*, Wyd. Nauk. PWN, Warszawa 2001

6. Type of course

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/24	III	2
Classes	30/12	III	2
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

Lecture: credition of the final test

Classes: credition of the written tests and projects

10. Language:

Polish

ECTS credits
3

1. Course name

Basics of fluid mechanics and thermodynamics

2. Course description

Lecture

Basic concepts of thermodynamics and fluid mechanics. Properties of pure substances. Energy transfer by heat, work and mass. The first Law of thermodynamics. The second Law of thermodynamics. Power and refrigeration cycles. Gas mixture and Psychrometrics. Fluid statics. Bernoulli and energy Equations. Momentum analysis of flow structures. Flow in pipe. Flow over bodies: drag and lift.

Class

Determine of thermodynamics properties of substances (property tables, gas equation of state); estimating energy balance; determine of thermal efficiency of heat engines, refrigerators and heat pumps; determining the thermodynamics properties of air-vapor mixtures; determining the hydrostatic forces, drags and pressure drops.

3. Prerequisites

none

4. Aim of the course

Providing knowledge in the field of transfer and conversion of energy; properties of substances and way of their description; fundamental laws of thermodynamics and fluid mechanics; way of modeling the thermodynamics processes, cycles and isothermal flows; estimating the properties appearing during flows in duct and pipe as well as flows over bodies.

5. Literature

13. Szargut J., *Termodynamika*, Wydawnictwo Politechniki Śląskiej, 2000

14. Szargut, J., Guzik A., Górniak, *Zadania z termodynamik*, Wydawnictwo Politechniki Śląskiej, 2001

15. Jeżowicka-Kabsch K., Szewczyk H., *Mechanika Płynów*, Oficyna Wydawnicza Politechniki Wrocławskiej, 2001

16. Burka E.S., Nałęcz T. J., *Mechanika Płynów w przykładach*, Wydawnictwo naukowe PWN, 2002

17. Cengel Y. A., R. Turner, *Fundamentals of Thermal-Fluid Sciences*, McGraw-Hill, 2004

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	III	2
Classes	15/12	III	2
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Lecture - written test,

class - written test.

10. Language:

Polish

ECTS credits

3

1. Course name:

Basics of electrotechnics and electronics

2. Course description:

Lecture:

Introduction. Brief history of electrical engineering. Electric charge, electric and magnetic field.

Elements of the electric circuit. General terms and definitions: general classification of circuit elements and their description; Ohm's law; principles of current and voltage arrow placement; circuit diagram, presentation of circuit topology by means of its graph and definition of graph elements such as node, branch, loop and mesh; Kirchhoff's Current Law and Kirchhoff's Voltage Law. Circuit equations. Methods of analysis: mesh current and nodal voltage methods. Thevenin's theorem and Norton's theorem, superposition theorem. Linear circuits, properties, fundamental theorems. Electric energy and power: energy conservation law and power balance; voltage, current and power calculations for simple circuits - practical examples. Circuits in the steady state, DC and AC network analysis.

Basic theory and phenomena of semiconductor physics. Theory of p-n junction and diode classification. I-U characteristics and small signal ac analysis of diodes, bipolar and field effect transistors. Equivalent circuits, frequency response and switching parameters. Transistor amplifiers. Use data sheet information and parameter measurement of devices. Frequency response of electronic circuits. Feedback theory. Differential and operational amplifiers and their applications. Linear and switched-mode regulators.

Boolean algebra. Introduction to digital electronics. A review of basic relevant properties of BJT and MOSFET for digital electronics. Logic gates. Combinatorial circuits. Flip-flops. Sequential logic. The fundamental basic building blocks for logic. Design and implementation of more complex combinational and sequential logic circuits up to registers and counters. Semiconductor memories. Programmable logic.

Design constraints: reliability, performance, area and power consumption. Design for high speed, low power circuits. System design and test.

Microprocessors, microcontrollers - definitions, classifications, architecture, addressing modes, instruction sets, machine cycle, bus cycle, interrupt systems.

Power electronics. Voltage regulators. Thyristors and triacs.

Principles of electromechanics. The magnetic field and Faraday's law. Transformers.

Introduction to electric machines, direct current machines, AC machines

3. Prerequisites: Physics

4. Aim of the course

Electrical engineering as a foundation for the design electric and mechatronic systems. To introduce the student to electric and electronic device characteristics, limitations, and applications. The introduction to the analysis and design of electric and electronic circuits. To introduce the concept of modeling and applications of modeling as applied to electronic devices and circuits.

5. Literature

- b) Praca zbiorowa: *Elektrotechnika i elektronika dla nieelektryków*, WNT, Warszawa, 2004 r.
- c) U. Tietze, Ch. Schenk: *Układy półprzewodnikowe*, WNT, Warszawa 1997
- d) J. Kalisz *Podstawy elektroniki cyfrowej*, WKŁ, Warszawa 1993
- e) P. Horowitz, W. Hill *Sztuka elektroniki*, WKŁ, 2002
- f) Chwaleba, M. Poniński, A. Siedlecki *Metrologia elektryczna*, WNT, Warszawa 2003
- g) Praca zbiorowa: *ELEKTROTECHNIKA. Zbiór zadań z energoelektroniki*. WsiP, Warszawa, 1998 r.

6. Type of course: Obligatory

7. Teaching team Department of Networks, Electronics and Telecommunication

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	IV	2
Classes	15/12	IV	2
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

classes and written test; lecture – test

10. Language:

Polish

ECTS Credits
3

1. Course name

Accountancy basics

2. Course description:

Lecture

Essence and characteristics of accounting as a informational and filing system. Overriding principles of accounting. Educational methods of accounting and her regulations. International Generally Accepted Accounting Principles (International GAAP). Rules of current and balance appraisal. Posting categories of costs, incomes and outcomes. Balance as a reflection of state of possession. Documenting of events in accounting. Functioning principles of accounts. Account divisibility and merging. Accounting and filing cross-sections of costs. Posting and beside posting settling of financial outcome. Organization of accounting in company. Overall specifications of financial reporting.

Classes

Classification and appraisal of assets and liabilities elements and preparing a balance. Classification of economic operations and record of operations on balance and result accounts. Determining financial result and preparation of simple financial report upon instructions from exercises set and examples prepared by students.

3. Prerequisites

None

4. Aim of the course

Acquiring information and understanding essence of the accounting as a informational and filing system, her tools, functioning principles of accounts and financial outcome settling procedure; economical effect valuation of events being a subject of account filing, valuation of proper account documentation, making of account entries and understanding of their effects, making of summary financial reports.

5. Literature

1. Gierusz B. Podręcznik do samodzielnego księgowania, Oddk 2006
2. Olchowicz I., Podstawy rachunkowości, Difin 2006
3. Wprowadzenie do rachunkowości, praca zbiorowa pod red. Śniezek E. Oficyna Ekonomiczna 2004
4. Zbiór zadań z rachunkowości, część I, praca zbiorowa pod red I. Izbiańskiej, PWSZ im. Witelona 2006

6. Type of the course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	15/12	III	2
Classes	15/12	III	2
Laboratory			
Projects			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Written test, mark from the project, activity and tests on classes,

10. Language

Polish

ECTS credits

3/4

1. Course name

Financial Management

2. Course descriptionLecture and classes

Financial environment, financial markets, rate of interest. Time value of money, value and time, present value, future value, calculating of interest, the perpetuity. Financial statements, the income statement, the balance sheet, the funds flows, . Evaluating financial performance, financial ratios, liquidity ratios, activity ratios, profitability ratios, debt ratios. Financial analysis, shaping the financial structure, shaping the asset structure. The nature of risk, analyzing risk, probability calculations, the portfolio approach, portfolio diversification, The Capital Asset Pricing Model (CAPM). The management of debt, the management of current assets. Capital cost and capital structure, cost of common stock, cost of bonded, the concept of leverage, capital structure and leverage, the analysis of EBIT/EPS. The sources of capital, corporate bonds, common stock, liabilities. Budgeting capital, payback period length, the NPV method, the IRR method. The value of partnership, MVA and EVA methods, the management of value.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction students into the basic problems of finance. This course should provide the students a formal framework that enables them to run a small enterprises. In a free marketplace the manager, uses variants on the same procedures to accomplish the main goals. This course learns how a manager must operate with equal regard to balancing risk and returns, to planning cash flows and reach the profit.

5. Literature

9. Bień W. *Zarządzanie finansami przedsiębiorstwa*, Difin, Warszawa 2004
10. Brigham E.F. *Podstawy zarządzania finansami*, t.1-3, PWE, Warszawa 1998
11. Rutkowski A. *Zarządzanie finansami*, PWE, Warszawa 2005

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	IV	2
Classes	15/-	IV	2
Laboratory			
Project			
Seminar			
Total student's workload	90/120		

9. Conditions of the course acceptance:

Lecture – examination, classes - written test are the conditions of ranking the classes

10. Language:

Polish

ECTS credits
4

1. Course name

Cost accounting for engineers

2. Course description

Lecture

Basic notions connected with costs. Relations: cost, expense, outlay. Classification and ingredients of costs. Full register of costs according to the sorts and fields of activity. Types of cost calculation.

Laboratory

Relations: cost, expense, outlay. Classification and register of costs. Determining individual cost by the use of different calculation methods. Registering finished products using planned and technical cost of formation.

3. Prerequisites

Credit in accountancy

4. Aim of the course

1. Getting to know the crux of cost calculation
2. Distinguishing and identification of the notions: cost, expense, outlay.
3. Understanding and mastering the procedures of calculating individual cost using different types cost calculation.
4. Acquiring practical abilities to register finished products and to settle deviations from identification prices of products.

5. Literature

1. Nowak E., Rachunek kosztów przedsiębiorstwa, EKSPERT, 2007
2. Rachunek kosztów i rachunkowość zarządcza, red. A. Karmańska A., DIFIN, 2004
3. Rachunek kosztów i rachunkowość zarządcza, red. I. Sobańska, C.H. BECK, 2006
4. Rachunek kosztów i rachunkowość zarządcza, red. G. K. Świdorska, SKwP, 2007
5. Rachunek kosztów. Elementy rachunkowości zarządczej. Zbiór ćwiczeń, red. Sołtys D., Wydawnictwo AE we Wrocławiu, 2004

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods.

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	V	3
Classes	15/12	V	3
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Lecture – written exam

Classes - credit

10. Language:

Polish

ECTS credits

4

1. Course name

The automation and the robotization of production processes

2. Course description

1. Basic notions of the automatic regulating and control and the ranking of devices of automation.
2. Methods of the mathematical description of the appropriateness of linear agreements of automation. Signals in arrangements of automation.
3. Analysis of the property and examples of construction of linear elements of arrangements of the automatic regulating: proportional, inert, oscillatory, delaying, integrating and differentiating.
4. Flow diagrams. Algebra and making flow diagrams up.
5. Objects and laws of the regulation. Chosen types of adjusters: P, PI, PID.
6. Criteria of the stability and qualities of linear arrangements of the automatic regulating: Hurwitz and Nyquist.
7. Chosen devices and elements of automation: sensors and converters
8. Adjusters, amplifiers and executive elements about mechanical, plumbing, air, electric and electronic action.
9. Examples of agreements of the automatic regulating and steering on constant action.
10. Regulation two layer and three layer. Examples of the application.
11. Logic circuits. Logical signals and bivalent algebra. Realization of logical functions.
12. Logical drivers and digital adjusters. Programmable drivers: example of drivers PLC.
13. Manipulators and work - definitions and classifications. Examples of construction and action.
14. Mechatronics - synthesis of mechanics, electronics and computer sciences. Examples of devices and systems of mechatronics.
15. Methods and techniques of the artificial intelligence.

3. Prerequisites None**4. Aim of the course**

Assimilating the basic knowledge about action of, so constant as well as discreet agreements of the automatic regulating and steering is a crucial objective. She should enable analysis of arrangements of automation built, of mechanical, plumbing, air, electric and electronic elements. Based on computings - to enable modeling and the simulation analysis and the optimization of the property of chosen control systems and the regulation with machines, devices or technical processes.

5. Literature

1. Brzózka J.: *Ćwiczenia z automatyki w Matlabie i Simulinku*. Wydawnictwo MIKOM. Warszawa 1997.
2. Chorowski B. Werszko M.: *Mechaniczne urządzenia automatyki*. WNT. Warszawa 1989.
3. Kościelny J.W.: *Materiały pomocnicze do nauczania podstaw automatyki dla studentów wieczorowych*. Wyd. Polit. Warszawskiej. Warszawa 1981.
4. Kuźmiński K.(red.): *Repetitorium z teorii sterowania zadaniami. Układy liniowe ciągłe cz. II*. Skrypt Politechniki Łódzkiej. Łódź 1987.
5. Łunarski J. Szabajkiewicz W.: *Automatyzacja procesów technologicznych montażu maszyn*. WNT. Warszaw 1997.
6. Roszkowski M. (red.): *Zbiór zadań z podstaw automatyki*. Skrypt Politechniki Łódzkiej, Łódź 1988. Rumatowski K., Królikowski A., Kasiński A.: *Optymalizacja układów sterowania*. WNT. Warszawa 1983.
7. Tarnowski W., Bartkiewicz S.: *Modelowanie matematyczne i symulacyjne komputerowe dynamicznych procesów ciągłych*. Wydawnictwo Uczelniane Politechniki Koszalińskiej, Koszalin 2003.

6. Type of course Obligatory**7. Teaching team** Department of Production Engineering and Logistics**8. Course structure**

Form	Number of hours	Semester	year
Lecture	30/12	V	3
Classes			
Laboratory	15/24	V	3
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance Lecture – written exam, laboratory – reports on exercises**10. Language** Polish

ECTS credits

3

1. Course name

Quality management

2. Course description

Lecture

Quality in the company strategy management. Evaluation of quality systems in West Europe, USA and Japan. Processing of company mission. Customer orientation and its role at present and in the past. Standardization and standards in the quality management system. Quality management rules in the organization. Rules of business processes identification occurrent in the organization. The ISO 9000:2000 quality management standards. Rules of quality management system documentation in the organization. Quality management systems certification. Principles of quality improvement in the organization – TQM. Integrated management system in the organization (quality, safety, health & environment). Trade quality standards.

Classes

Preservation of products quality in the logistic chain. Preservation of products quality in the logistic processes. Rules of goods packaging. Process of packaging units preparation. Warehousing of products and preservation of their quality during warehousing.

Environmental management system in the organization. Tools of environment management. Cleaner Production Programme (CP). The origin of the ISO 14000 standards.

Occupational health and safety management systems. Areas and elements of occupational health and safety management system. Strategy of occupational health and safety management. Risk analysis.

Integration of management systems.

3. Prerequisites – none

4. Aim of the course

The main goal of the course is to introduce the basics concepts of quality management with stress on world contemporary applied system solutions; to acquire skills of using of contemporary integrated system solutions in simulated situations.

5. Literature

- [1] *Zarządzanie jakością. Cz. 1. Systemy jakości w organizacji.* Red. W. Ładoński i K. Szołtysek, Wyd. AE Wrocław 2005.
- [2] *Zarządzanie jakością. Cz. 2. Ochrona jakości w łańcuchu logistycznym.* Red. W. Ładoński i K. Szołtysek, Wyd. AE Wrocław 2007.
- [3] Tabor A., A. Zajac, M. Rączka: *Zarządzanie jakością.* T. 1-4, Kraków: Wyd. PKr. 2000.
- [4] *Podstawy kompleksowego zarządzania jakością TQM.* Red. J. Łańcucki. Wyd. AE Poznań 2006.

6. Type of course

obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/12	V	3
Classes	15/12	V	3
Laboratory			
Project			
Seminars			
Total student's workload	90		

9. Condition of the course acceptance

lecture – exam, classes- credit.

10. Language:

Polish

ECTS Credits
3

1. Course name

Safety Management

2. Course description:

Lecture:

1. Work Safety Management: development of actions aimed to provide work safety, legal basis and the requirements of PN-N 18001 norm,.
2. Occupational Risk Management: occupational risks and workplace hazard requirements and guidelines for and stages of occupational risk assessment.
3. Machinery and Technological Equipment Safety Management : using work equipment safely (introduction), characteristics of the man-machine system, basic requirements of “Machinery Directive”.
4. Product Safety Management: general issues on the provision of product safety, more important kinds of safety hazards caused by products, directives of New approach in the EU in order to ensure product safety.

Tutorials:

1. Documentation of work hygiene and safety management system .
2. Design and implementation of work safety management system.
3. Internal Auditing and System Certification.
4. Evaluation methods and methods for decreasing occupational risk and investigating accidents at work
5. Typical machine hazards, safety maintenance and machine effectiveness.
6. Most important methods of providing product safety

3. Prerequisites

Basic knowledge in the field of Mathematics, Physics and Chemistry, techniques and management basics

4. Aim of the course

The aim of the course is to convey elementary information in the field of work safety management as well as machinery and equipment safety management; acquiring identification and risk evaluation skills, using the methods of this evaluation and providing products' safety.

5. Bibliography

1. *Zarządzanie bezpieczeństwem pracy*, Praca zbiorowa pod red.J. Łunarskiego. Oficyna Wydawnicza Politechniki Rzeszowskiej, Rzeszów 2002
2. Smoliński D.:Ocena ryzyka zawodowego. ODDK, Gdańsk 1999
3. Kowalewski S., *Podstawy bezpieczeństwa maszyn*. Seria: *Bezpieczeństwo i ochrona człowieka w środowisku pracy*. Z. 21 CIOP, Warszawa 2000
4. Piękowski M., Wierzowiecka J.: *Zarządzanie jakością wyrobów*, Akademia Morska, Gdynia 2002

6. Type of the course:

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics.

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	15/12	VI	3
Tutorials	15/12	VI	3
Laboratory			
Project			
Seminar			
Conversation classes			
Student total workload	90		

9. Conditions of the course acceptance:

Lecture: written/oral examination; completing tutorials

10. Language:

Polish

ECTS credits
4

1. Course name

Computer aided engineering CAD/CAM

2. Course description

Developing practical skills in the scope of:

1. Drawing basic geometric constructions.
2. Representing an object on a drawing: axonometric projection, orthogonal projection.
3. Views and cross-sections, dimensioning, and tolerance.
4. Drawing joints.
5. Architectural and building drawings, installation drawings.
6. Practical reading of drawings and diagrams; preparing descriptions of devices on the basis of drawings and diagrams.

3. Prerequisites

None

4. Aim of the course

Familiarizing students with modern computer-aided engineering tools on the example of selected tasks in the scope of building engineering, architecture, and mechanical engineering.

Acquiring skills at representing 3D geometric objects (parts of machines and structures) on a plane and at preparing diagrams and reading technical drawings from various areas of technology.

5. Literature

1. Błach A.: *Geometria. Przegląd wybranych zagadnień dla uczniów i studentów*. Warszawa: Arkady 1998.
2. Dobrzański T.: *Rysunek techniczny maszynowy*. Warszawa: WNT 2000.
3. Jaskulski A., *AutoCAD 2002/2002PL*, Mikom, 2002
4. Grabowska A., P. Kłosowski P., *Obsługa programu AutoCAD 2002 w ćwiczeniach*, Mikom, 2002

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes			
Laboratory	45/18	VI	3
Project	15/12	VI	3
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance

Test, marks from individual classes

10. Language

Polish

ECTS credits

2

16. Course name

Logistics in enterprise

17. Course description

Lecture

Organization of logistics in enterprises: conception of logistic organization, circumstance and stage in development of logistics, logistics in structure of enterprise management, logistics in corporation enterprise. Supply logistics: basic purchasing function, purchasing organization, analysis of purchasing market. Production logistics: classification of production processes, definitions, goals and planning standards of production flow. MRP system. MRP II system. ERP system. JIT conception. Kanban. Inventory management: ABC method, XYZ method, definitions of stocks, transportation inside enterprise. Distribution logistics: goals of distribution logistics, marketing channels of distribution, logistic centre of distribution, logistic customer service. DRP system, ECR strategy, CRM strategy. Transportation and warehousing in logistics systems. Classification of stores. Equipment of stores. Information system in logistic. Support system used in logistic. Wrapping in logistic system.

Classes

Imparting the practical knowledge about logistic organization of enterprises and acquiring practice of diagnosis and improvement of logistic activities in production, trade and service firms. There are solving problems – case study.

1. Prerequisites:

Passed: Basic of Logistics

1. Aim of the course

Teaching how to make decisions in purchasing, production and distribution sphere and logistic way of solving problems

2. Literature

1. M. Brzeziński: *Logistyka w przedsiębiorstwie*. Dom Wydawniczy Bellona, Warszawa 2006.
2. J.J. Coyle, E.J. Bardi, C.J. Langley, jr.: *Zarządzanie logistyczne*. PWE, Warszawa 2002.
3. E. Michłowicz: *Podstawy logistyki przemysłowej*. Uczelniane Wydawnictwa Naukowo-Dydaktyczne, Kraków 2002.
4. J. Szpon, I. Dembińska-Cyran, A. Wiktorowska-Jasik: *Podstawy logistyki*. Wyd. SNIGiR, Szczecin 2005.

3. Type of course:

Obligatory

4. Teaching team:

Department of Production Engineering and Logistics

5. Course structure

Form	Number of hours	Semester	Year
Lectures	15/12	V	3
Classes	15/12	V	3
Laboratories			
Projects			
Seminar			
Total student's workload	60		

6. Conditions of the course acceptance:

lectures – written test, classes - projects

7. Language:

Polish

ECTS credits
3

1. Name of subject: Theory of machines

2. Description:

Thematic scope of the subject:

Analogies of agreements on the different physical form: mechanical, electric, plumbing, air, thermal. Definitions of the machine. Classification of machines from a point of view of donating them. Examples of machines for every group. Classification of machines from a point of view of processing energy. - examples. „Typical” - repeatable elements and teams of machines - classification around regards for criteria: of the transferred load and the relative move. Typical characteristics of straining the structure of machines and devices. The safety factor of the structure of the machine or devices. The notion and the way of determining its value. Of connecting of elements machines. The definition and the ranking of connections. Welded and welded connections. Tolerance and of fitting. Connection shapes and forced-in join. Rolling and sliding bearings. Embankments and axes. Permanent and disconnected clutches. Basic notions: definitions, the primitive and secondary sources of energy, receivers of the energy, functions realized by the driving arrangement. Of transferring and coupled hydrokinetics, hydrostatic transmission gear. Discussing realized functions by driving arrangements. Elements of arrangements of the drive and plumbing and air steering. Materials handling machines. Internal-combustion engines. Displacement machines: pumps, compressors and engines. Flow machines: pumps, blowers, compressors, turbines, and the like. Home appliances. Electric machines: engines and generators of the permanent and alternating electricity. Machines and power systems pot + steam turbine + generator + transformer.

Training practice:

Team work consisting in presenting the chosen group of machines from the determined set. Scope of the study (report) and includes the presentation:

1. The description of action and donating the machine.
2. The principles of operation - on what laws of physics, chemistry, biology and the like a being is resisting it.
 - a. realization of the main function
 - b. realization of support functions

3. Material (structure) build

4. Measure of the productivity (e.g.. m^3/h , m^2/h , tonokilometry/g fuel) or efficiency (e.g. efficiency in %)

5. Examples (concrete) of the machine or the machine team. Different representatives of the given group (families) of machines.

3. Prerequisites: the engineering graphics, mechanics and the durability of materials, fluid mechanics and the thermodynamics, of the electrician and the electronics engineer

4. Aim of the course:

Making oneself acquainted with essential problems of the mechanical engineering (the technical idea of fulfilling needs, the design and the production of machines and devices of the user, and the like). Making oneself acquainted with elements of machines and groups of milles and energy machines. Making oneself acquainted with technical systems

5. Literature:

- [1] Biały W.: Maszynoznawstwo. WNT, Warszawa 2003.
- [2] Chwiej M. Maszynoznawstwo ogólne. PWN, Warszawa 1983 (IV wyd.).
- [3] Wołek M.: Maszynoznawstwo ogólne. PWN, Warszawa 1978.
- [4] Orlik Z.: Maszynoznawstwo. WSzIP, Warszawa 1989.
- [5] Gnutek Z., Kordylewski W.: Maszynoznawstwo energetyczne. Wyd. Politechniki Wrocławskiej, Wrocław 2003.
- [6] Mille A., Kijewski J., Pawlik K., Szolc T.: Maszynoznawstwo. WSzIP, Warszawa 2003.
- [7] Hryniewicz A.: Energia. Wyzwanie XXI wieku. Wyd. Uniwersytetu Jagiellońskiego, Kraków 2002.
- [8] Krick E.U.: Wprowadzenie do techniki i projektowania technicznego. WNT, Warszawa 1975.
- [9] Szumanowski A.: Czas energii. WKiŁ, Warszawa 1988.
- [10] Charles Panati: Niezwykłe dzieje zwykłych rzeczy. Książka i Wiedza, Warszawa 2004.
- [11] Encyklopedia Techniki. MUZA SA.

6. Type of course: Obligatory

7. Teaching team: Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semestr	year
Lecture	15/12	V	3
Classes	30/12	V	3
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance: lecture and classes in class written work, exercises - working out and presenting and the report showing the group of machines

10. Language: Polish

ECTS credits
1

1. Course name

Personnel Management

2. Course description

Genesis and Development of HR. Strategic Management Approach to HRM. HR structure. Career planning and development. Employees recruitment. Assessment tools for managers selection. Training and development programme. Benefits and job motivation. Individual Analysis Report of each employee. Marketing and HR controlling.

3. Prerequisites

To get credit in Company Economics course

4. Aim of the course

Essence of HRM and its functions, organizational structures and ability of solving problems regarding that issue.

5. Literature

1. Kopertyńska M. Wanda Zarządzanie kadrami , wyd. Stowarzyszenie na Rzecz Rozwoju PWSZ Legnica 2002
2. Listwan T. *Zarządzanie kadrami* H.C. Beck Warszawa 2002
3. Armstrong M. *Zarządzanie zasobami ludzkimi* Oficyna Ekonomiczna Kraków, 2000
4. Listwan T.(red) *Zarządzanie kadrami* Wyd. Akademii Ekonomicznej Wrocław 2000

6. Type of course

Obligatory

7. Teaching team

Department of Sciences on Enterprise and Marketing

8. Course structure

Form	Number of hours	Semester	Year
Lectures	15/12	V	3
Classes			
Laboratory			
Projects			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance

Written tests

10. Language

Polish

ECTS credits
5/4

1. Course name

Industrial Property Protection

2. Course description

Innovation management and knowledge protection. Protectability of solutions. Protectability of signs and designations and works. Scope of proprietary knowledge monopoly. The essence of proprietary knowledge management in an enterprise. Strategies for qualification of knowledge for protection. Strategies for obtaining knowledge protection. Rights for knowledge protection. Creator rights. Forms of proprietary knowledge exploitation. Strategies for proprietary knowledge exploitation. Strategies for protection of proprietary knowledge. Enterprise knowledge protection policy. Organization of knowledge protection in an enterprise. Access to information on public proprietary knowledge.

3. Prerequisites

Basics of business economics

4. Aim of the course

The teaching purpose is to present the concepts of proprietary knowledge management in the microeconomic scale – indication of tools and instruments to be used in the management of proprietary knowledge as well as demonstration of different ways to run this process within an enterprise.

5. Literature

1. Praca zbiorowa pod red. Kotarba W.: Ochrona wiedzy a kapitał intelektualny organizacji. PWE, Warszawa 2006 r..
2. Kwieciński M.: Wywiad gospodarczy w zarządzaniu przedsiębiorstw. PWN, Warszawa 1999 r.
3. Penc J. Innowacje i zmiany w firmie. Agencja Wydawnicza Placet. Warszawa 1999 r.
4. Pomykalski A. Zarządzanie innowacjami.. PWN. Warszawa – Łódź 2001 r.
5. Industrial property law
6. Act on copyright and neighbouring rights
7. Combating of unfair competition

6. Type of course

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	VII	4
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	150/120		

9. Conditions of the course acceptance:

Written exam

10. Language:

Polish

ECTS Points

3

1. Course name

Business strategy

2. Course description

1. Essence of business strategy and strategic management;
2. Strategy formulation schools and strategic analysis methods review;
3. Role of top management in strategic management process;
4. Introduction to strategic analysis
5. Environmental analysis;
6. Industry analysis;
7. Resources and capabilities analysis;
8. Strategic positioning analysis;
9. Mission, vision and strategic goals;
10. Formulation and appraisal of strategy;
11. Business strategy typology;
12. Strategy implementation and control;
13. Stages of strategy implementation, typology of strategic control, balanced scorecard, strategic controlling

3. Prerequisites

- macroeconomics, management and organization;

4. Aim of the course

Student becomes/is:

- familiar with issues concerning strategic thinking and behavior;
- aware of the need for thinking in the context of future;
- familiar with methodology of formulation and implementation of business strategy;
- able to conduct strategic analysis projects;

5. Literature

1. Gierszewska G., Romanowska M., *Analiza strategiczna przedsiębiorstwa, PWE*, Warszawa 2003
2. Gołębiowski T., *Zarządzanie strategiczne. Planowanie i kontrola*, Difin, Warszawa 2001
3. Pięrcionek Z., *Strategie konkurencji i rozwoju przedsiębiorstwa*, PWN, Warszawa 2003
4. Strategor, *Zarządzanie firmą*, PWE, Warszawa 2002
5. Obłój K., *Strategia organizacji*, PWE, Warszawa 2002
6. Kaplan R.S., Horton, D.P., *Strategiczna karta wyników*, PWN, Warszawa 2001

6. Type of course

Mandatory lecture

7. Teaching team

Department of Sciences on Enterprise and Marketing

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	VI	3
Classes	15/12	VI	3
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Written exam

10. Language:

Polish

ECTS credits
4

1. Course name

Power and heating systems

2. Course description
Lecture

Introduction. Fuels and natural flux of energy. Transportation, storage and distributions of fuels. Conversion technologies of energy out of fuels and natural flux of energy. Secondly carriers of energy. Power systems – structure and controlling. Heating systems - structure and controlling. Transportation, transformation and storage of secondarily carriers of energy. Distributions of secondarily carriers of energy. Energy usage in apartments building and public building. Energy usage in industry and service sector. Measure of quantity of energy usage.

3. Prerequisites

None

4. Aim of the course

Providing knowledge of fuels and natural flux of energy as well as conversion of energy to secondarily carriers of energy; transportation of energy carriers, storage energy and transformation of parameter carriers energy; ways of using energy by consumer energy carriers, partially and overall efficiency of energy systems; measure quantity of energy transferred to energy carriers and used by final consumers.

5. Literature

1. Gładyś H., Malta R., *Praca elektrowni w systemach elektroenergetycznych*, Wydawnictwo Naukowo-Techniczne, 1999
2. Pieńkowski K. *Ogrzewnictwo*, Wydawnictwo politechniki Białostockiej, 1999
3. Weedy B. M., Cory B. J., *Electric power systems*, Wiley, 1998
4. Kirschen D. S., Strbal G., *Fundamentals of power system economics*, Wiley, 2004
5. Saadat H., *Power systems analysis*, McGraw-Hill, 2002

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/18	IV	2
Classes			
Laboratory	30/18	IV	2
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Lecture - written test,
laboratory - written test.

10. Language:

Polish

ECTS credits

4

1. Course name

Audit for energetics

2. Course description

Lecture

Introduction. Heat transfer in building. Review of Thermodynamic processes in building. Psychrometrics, Comfort and Health. Fluid Mechanics in Building Systems. Solar Radiation and Windows. Heating and cooling loads. Annual Energy consumptions. Thermal energy (heat) generation. Cooling equipment. Heating and Cooling systems . Lighting. Control of the heating, ventilating and air conditioning systems. Building Modernization for efficiency of using energy. Evaluation of economical effect of building modernization.

Project

Calculation of maximal thermal energy (heat) flux supply a building; calculation of annual energy consumption; project building modernization for efficiency of using energy; preparing technical and economical docu-mentation of modernization. .

3. Prerequisites

none

4. Aim of the course

Providing knowledge in field of thermal comfort; forms and mechanism of energy transfer from and to building; thermodynamics processes and flow of fluids in building; method of calculations maximal thermal energy (heat) flux supply a building and calculations of annual energy consumption; total efficiency of using energy in building.

5. Literature

18. *Termomodernizacja budynków dla poprawy jakości środowiska: poradnik dla audytorów energetycznych, inspektorów środowiska, projektantów oraz zarządców budynków i obiektów budowlanych*, Norwisz J., et al., Gliwice 2004.
19. Bonca Z., Lewiński A., *Termorenowacja budynków mieszkalnych: Aspekt techniczny i ekonomiczny*, IPPU MASTA, 2000.
20. Szewczyk B., *Termomodernizacja instalacji w budownictwie przemysłowym i użyteczności publicznej*, Ośrodek informacji – Technika Instalacyjna w Budownictwie, 1999.
21. Kreider J. F., Curtiss P. S., Rabl A., *Heating and Cooling of Buildings: Design for efficiency*, McGraw-Hill, 2002

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/18	IV	2
Classes			
Laboratory			
Project	30/18	IV	2
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Lecture - written test,

project – self prepared fraction of an energy audit.

10. Language:

Polish

ECTS credits
1

1. Course name:

Energy Law

2. Course description
Lecture:

Legal aspects of delivering of fuels and energies. The politician energy - principal organ of the government and the politician energy. The energetics and the protection of the environment. The organ to matters of the regulation of the economy with fuels and with the energy. The office of the Regulation of the Energetics. Scales of charges. Licences. Devices, installations and their exploitation. Sanctions in virtue of the illegal conscription of fuels. Sanctions in virtue of the illegal conscription of the energy. Legal-international of the politician in the range of the energy safety of Poland.

3. Prerequisites

none

4. Aim of the course

The introduction of students with basic notions of the energy law, the characterization of deeds universally and internally obligatory in the area of the energy law; the characterization of basic branches of the law (the civil law, administrative law, penal law) connected with the energy law.

5. Literature:

1. J.Antczak, E.Stawicki, J.Baehr, Prawo energetyczne. Komentarz, Kraków 2003
2. Ustawa z dnia 10 kwietnia 1997 roku Prawo energetyczne z późn.zm.
3. Wybrane akty wykonawcze do ww. ustawy.

6. Type of course

Obligatory

7. Teaching team

Department of Science on Economy and European Law

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	V	3
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Credit (Speaking exam)

10. Language:

Polish

ECTS credits
1

1. Course name

Costs and tariffs

2. Course descriptionLecture

Introduction to cost, price and tariffs. Regulation energy sector in Poland. Formation and cost accounting in enterprise of energy sector, which make production, storing, gripping and trading thermal energy. Calculating in trading thermal energy within with individual customer. The level to pay for supply gas by gas systems. The rules of to cover for supply gas. Formulation and calculation tariffs by enterprise in electricity systems. Settlement of accounts in trading electricity between energy enterprise and customers

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction to the concept of accounting and to implement into practice the rules to formulating costs and tariffs thermal energy, gas and electricity.

5. Literature

1. Rozporządzenie Ministra Gospodarki Dz. U. 00.96.1053 z dnia 12 października 2000 w sprawie szczegółowych zasad kształtowania i kalkulacji taryf oraz zasad rozliczeń w obrocie ciepłem
2. Rozporządzenie Ministra Gospodarki Dz. U. 00.1.7 z dnia 14 grudnia 2000 w sprawie szczegółowych zasad kształtowania i kalkulacji taryf oraz zasad rozliczeń w obrocie energią elektryczną
3. Rozporządzenie Ministra Gospodarki Dz. U. 01.1.8 z dnia 20 grudnia 2000 w sprawie szczegółowych zasad kształtowania i kalkulacji taryf oraz zasad rozliczeń w obrocie paliwami gazowymi.
4. Prawo energetyczne

6. Type of course

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	V	3
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Credit

10. Language:

Polish

ECTS credits
2

1. Course name

Management of work environment

2. Course description
Lecture

Material and social work environment. Components of material environment and principles of its creation. Physiology and ergonomics of work. Forms of organisation and labour division. Forms of teamwork. The substance of work and its formation. Organisational culture and its influence on social work environment..

Classes

Design of work station organisation. Scrutiny of social integration level. Diagnosis of material work environment. Planning of course of work.

3. Prerequisites

Introduction to management

4. Aim of the course

The main goal of the lecture is the introduction of basic issues of work environment management. The goal of the classes is mastering of the basic abilities to design the elements of a material and social work environment.

5. Literature

11. *Zarządzanie pracą* (pod red. Z. Jasińskiego) Wyd. PLACET 1999

6. Type of course

Obligatory

7. Teaching team

Department of Economics and Management

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	V	3
Classes			
Laboratory			
Project	15/12	V	3
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Lecture – written examination

Seminar – written examination

10. Language:

Polish

ECTS credits
4

1. Course name

Power industry

2. Course description

Lecture

Fuel consumption and use of energy in Poland. Efficiency of using energy in selected branches of industry. Material and energy balance of industrial processes. Analysis of conversion and energy usage processes. Ecological limitation of energy conversion processes. Methods of increasing efficiency of conversion and using energy. Economical and energetic characteristics of energetic devices (load changeability). Energy cogeneration. Waste energy utilizing. Model energetic processes in industry. Energy audit in industry.

Class

Determining the efficiency of energetic processes; estimation of influence of energy conversion technology on natural environment; evaluation of modernization effects of energetic processes in selected branches of industry (e.g. metallurgy, mining industry, ceramics industry); estimation of economical effects of energy recovery in selected industrial processes.

3. Prerequisites

none

4. Aim of the course

Providing knowledge in the field of processes of conversion energy in energetic industry and use energy in other branches of economy; influence of energy industry on natural environment; possibility of improvement the efficiency of processes conversion and use of energy; principles of rationally use of energy; rules of drives energy audit in industry.

5. Literature

1. Szargut J., Ziębik A., *Podstawy energetyki cieplnej*, PWN, 2000
2. Chmielniak T., *Technologie energetyczne*, Wydawnictwo Politechniki Śląskiej, 2004
3. Górzyński J., *Audytowanie energetyczne*, Ośrodek Szkoleniowy Narodowej Agencji Poszanowania Energii, 1999

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	VI	3
Classes	30/12	VI	3
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Lecture - written test,

class - written test.

10. Language:

Polish

ECTS credits
2

1. Course name:

Elements of mechatronics

2. Course description:

Lecture: The existence and the definition of mechatronics as elements of the diverse structure: mechanic, hydraulic, pneumatic, optical, electric, electronic and computer science. Approaches in mechatronics – examples of technical solutions classical and in mechatronics. Sensing and measuring system as the information system. Mechanical and non mechanical measuring sizes.

Ranking of sensor devices. Positions sensors and basics in mechanics. Microsensors. Elements and application. Classification and the principles of operation of applications. The structure and the principles of operation of applications: electromagnetics, electrohydraulics and elektropneumatics. Mechatronics drives. Gearbox as application set. Mechatronic clutch. Electronic synchronization of moves. Design of mechatronics. Tasks for mechatronic systems. Functional structure; models and methods of creating it. Obtaining information about the process. Designing the tool. Problems of steering in arrangements mechatronics. Tasks for mechatronic systems. Functional structure; models and methods of creating it. Obtaining information about the process. Of designing the tool. Problems of steering in arrangements of mechatronic.

Chosen problems of the production engineering of arrangements of mechatronic.

3. Prerequisites:

theory of machines, electro technology and electronics, ICT, automation

4. Aim of the course:

Acquainting with the latest trend of the structure integrated machines and devices sharing certain „intelligence” features. Mechatronics is interdisciplinary area integrating mechanics, hydraulics, pneumatics, electronics, optics, automatics and computer science. Mechatronics design forces different, more comprehensive and system approach towards problems and producing machines and other devices

5. Lectures:

1. Bodo H. Wilfried G., Popp K. *Mechatronika. Komponenty. Metody. Przykłady*. Wyd. Naukowe PWN. Warszawa 2001.
2. Craig J.J.: *Wprowadzenie do robotyki. mechanika i sterowanie*. WNT 1993.
3. Gawrysiak M.: *Mechatronika i projektowanie mechatroniczne*. Wyd. Polit. Białostockiej. Rozprawy Naukowe nr 44. Białystok 1997.
4. Kasprzak W. Pelc K.: *Wyzwania technologiczne – prognozy i strategie*. Wyd. Profesjonalnej Szkoły Biznesu. Kraków 1999.
5. Schmid D. (red): *Mechatronika*. Wyd. REA. Warszawa 2002
6. Spong M.W., Vidyasagar M.: *Dynamika i sterowanie robotów*. WNT. Warszawa 1997.
7. Świder. J: *Sterowanie i automatyzacja perocessów technologicznych i układów mechatronicznych*. Wyd. Politechniki Śląskiej. Gliwice 2002.
8. Uhl T.(red): *Projektowanie mechatroniczne. Zagadnienia wybrane*. AGH Kraków. Katedra Robotyki i Mechatroniki 2003, 2004, 2005, 2006, 2007

6. Type of course:

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semestr	year
Lecture	15/12	V	3
Classes	15/12	V	3
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance: lecture

in class written work, on the basis of individual

10. Language:

Polish

ECTS credits
4

1. Course name

Heat engines and devices

2. Course descriptionLecture

Components of thermal machine. Compressing machine. Expanding machine. Heat engines. Steam boilers. Thermal power station. Industrial furnaces. Refrigerating machines and heat pumps. Heat and power generating and heat generating plants. Thermal equipment in household. Devices in gas power industry. Evaporating and distilling apparatus. Chemical reactors.

Laboratory

Determination of energy efficiency of compressors, heat engines and boilers. determination coefficients of performance of refrigerators and heat pumps. Determination of household equipment energy efficiency .

3. Prerequisites

none

4. Aim of the course

Overall description of main groups of thermal machines. Description of basic thermal machines design and their principles of operation. Indicating the area of application of thermal machines. Discussing methods of controlling and principles of proper operation of thermal machines.

5. Literature

1. Wajand J., *Doświadczalne tłokowe silniki spalinowe*, WNT, Warszawa 2003.
2. Niewiarowski K., *Tłokowe silniki spalinowe*, WKiŁ, 1983.
3. Landyn D. et al., *Elektrownie*, WNT, Warszawa 1995.
4. Kruczek St. *Kotły*, Oficyna Wydawnicza Politechniki Wrocławskiej, 2001.
5. Merksiz J., *Ekologiczne problemy silników spalinowych, T. I –1998, T. II – 1999*, WPP Poznań.
6. Nikiel T. , *Turbiny parowe*, WNT, Warszawa 1989.
7. Kucowski J. et al., *Energetyka a ochrona środowiska*, WNT, Warszawa 1993.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	VI	3
Classes			
Laboratory	30/12	VI	3
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Lecture – written test,

laboratory – mark reports and activity.

10. Language:

Polish

ECTS credits
7

1. Course name:

Management of technical development

2. Course description:
Lecture:

Elements of technical systems theory. Basic information about: scientific discovery, investigation, invention, innovation, patent, usable example, implementation and transfer. Process of technical development of product and processes. Chosen prognosis of "high - tech " development in first decade XXI age. The management of knowledge supplies: technical competence of company and measure of technical strategy. Problems of Research + Development and the technical strategy of enterprise. The source of habilitation and refinancing R+D activity in techniques area . The institutional and organizational forms of technology and innovation transfer: the centers of innovation transfer IRC - FEMIRC, centers of technology transfer, special economical zones, scientific and technological parks and incubators of enterprise, V and VI FP's of CE, offset. Product certification, accreditation and notify of institution. Requirement and directive of UE. Protection of intellectual property

Training practice:

Seminar class at the first part a study of cases, prepared by teams consists in analysis (3-4 personal) of students. The second part of classes is preparing in the form of the process of implementing the chosen invention or the attempt to plan the development of the determined production.

3. Prerequisites
4. Aim of the course
5. Literature:

1. Brzeziński M. (red.): *Zarządzanie innowacjami technicznymi i organizacyjnymi*. Centrum Doradztwa i Informacji DIFIN, Warszawa 2001.
2. Chrostowski H., Młyńczak A., Zbierski S.: *Krajowy sektor komponentów maszyn i urządzeń; możliwe strategie w fazie przedakcesyjnej do Unii Europejskiej*, w: *Konferencja: Krajowy przemysł komponentów maszyn i urządzeń na progu Unii Europejskiej*; szans konkurencyjności czy tylko wzrost konkurencji. Międzynarodowe Targi Poznańskie 19 czerwca 2002 r.
3. Dworczyk M., Szlasa R.: *Zarządzanie innowacjami. Wpływ innowacji na wzrost konkurencyjności przedsiębiorstw*. Oficyna Wydawnicza Politechnika Warszawska 2001.
4. Gajos M. *Opis patentowy jako źródło informacji*. Wyd. Uniwersytetu Śląskiego. Katowice 2000. Hryniewicz A.- *Energia. Wyzwanie XXI wieku*. Wyd. Uniwersytetu Jagiellońskiego. Kraków 2002. Kasprzak W., Pelc K.: *Wyzwania technologiczne-prognozy i strategie*. Wyd. Profesjonalnej Szkoły Biznesu, Kraków 1999.
5. Lowe P.: *Zarządzanie technologią, możliwości poznawcze i szanse*, Wyd. "Śląsk" Katowice 1999.
6. Mazurkiewicz A.: *Modelowanie transformacji wiedzy do praktyki w budowie i eksploatacji maszyn*. Wyd. Inst. Technologii Eksploatacji, Radom-Poznań 1999.
7. Rifkin J.: *Koniec pracy. Schyłek siły roboczej na świecie*. Wyd. Dolnośląskie. Wrocław 2001. Schumacher C, Schwartz S.: *100 zawodów z przyszłością*. Wyd. ADAMANTAN. Warszawa 1998. *Wymagania bezpieczeństwa dla maszyn umieszczonych na rynkach Unii Europejskiej i na rynku Polskim*. Ministerstwo Gospodarki. Warszawa 2000.

6. Type of course:

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semester	year
Lecture	30/18	VII	4
Classes	15/12	VII	4
Laboratory			
Project			
Seminar			
Total student's workload	210		

9. Conditions of the course acceptance:

Active share in both set parts (chosen) of topics. The presentation, the defence and the report

10. Language:

Polish

ECTS credits
3

1. Course name

Basics of mechanics and strength of materials

2. Course description

Lecture

Vectors and vector calculations. Forces and their properties. Plane systems of forces. Friction. Centers of gravity of homogeneous bodies. Strengths of material at axial loading, torsion and screwing. Buckling. Principles of dynamics. Force of inertia. Work, energy, power. The energy ability. Momentum and impulse. Dynamics of rotational motion.

Class

Reductions and equilibrium the plan systems of forces. Sliding and rolling friction. Determining the center of gravity. Determining the elements dimensions at axial stretching, loading and torsion. Work and power. Dynamics of particles.

3. Prerequisites

none

4. Aim of the course

Introducing students the general laws of motions and equilibrium of particles and rigid bodies. Determining methods of strengths or rigidity structure, elements of machine and devices (beams, shafts, thin-walled tanks etc.).

5. Literature

1. Misiak J.: *Mechanika techniczna. Tom 1 - Statyka i wytrzymałość materiałów*. WNT 2003.
2. Misiak J.: *Mechanika techniczna. Tom 2 – Kinematyka i dynamika*. WNT 1999.
3. Niezgodziński M.E., Niezgodziński T.: *Wytrzymałość materiałów*. PWN. Warszawa 2004.
4. Niezgodziński M.E., Niezgodziński T.: *Zadania z wytrzymałości materiałów*. WNT. Warszawa 2005.
5. Misiak J.: *Zadania z mechaniki ogólnej. Cz. I. - Statyka*. WNT. Warszawa 2003.
6. Misiak J.: *Zadania z mechaniki ogólnej. Cz. III. - Dynamika*. WNT. Warszawa 1999.

6. Type of course

Obligatory

7. Teaching team

Department of Engineering Production and Logistic

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	IV	2
Classes	15/12	IV	2
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

Lecture - written test,

class - written test.

10. Language:

Polish

ECTS credits
4

1. Course name

Introduction to logistics

2. Course description

Lecture

Logistics role in the economy : Essence, development and basic concepts of logistics. Customer service: definition, elements and methods of establishing a customer service strategy. The impact of logistics on financial results: classification logistics cost, logistics as tool for cost reduction, logistics cost trade of. Logistics systems – phase classification (inbound logistics, operations, outbound logistics), functional classification (order processing, inventory management, transportation, warehousing, packaging) – basic conception. Technical infrastructure of logistics systems. Institutional aspects of logistics. Logistics and human resources management. Contemporary strategies in logistics. Study and improvement of logistics processes. Strategic logistics plan.

Classes

Identifications logistics processes. Analysis of range activity and responsibility logistics process participants . Logistic customer service audit. Analysis of impact logistics decision on financial results. Modeling logistics processes flow. Methodology of logistical decision. Study and improvement of logistics processes. Strategic logistics planning.

3. Prerequisites

None

4. Aim of the course

The main goal of the course is the introduction to the basic concepts of logistics systems and their subsystems . To learn essence, development and impact of logistics on customer service and financial results.

5. Literature

1. Pfohl H.C.: Systemy logistyczne. Podstawy organizacji i zarządzania. Instytut Logistyki i Magazynowania, Poznań, 1998.
2. Coyle J.J., Bardi C.J., Langley J.: Zarządzanie logistyką. PWE, Warszawa 2002.
3. Ciesielski M.(red.): Logistyka w biznesie, PWE, Warszawa, 2006.
4. Baraniecka A., Rodawski B., Skowrońska A. Logistyka-ćwiczenia. Wyd. Akademii Ekonomicznej, Wrocław 2005.

6. Type of course

Obligatory

7. Teaching team

Department of Sciences on Enterprise and Marketing

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	IV	2
Classes	30/12	IV	2
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Classes :continuous evaluation, project Lecture: written test

10. Language:

Polish

ECTS credits
3

1. Course name

Supply chain management

2. Course description

Lecture

Definition and essence of supply chain. Supply chain as a process. Enterprise supply chain integration steps. Development of supply chain management. Cycles in supply chain. Push and pull processes in supply chain. Supply chain management decisions. Creation of strategic partnership in supply chain. Steps of collaboration development in supply chain. Definition of customer service. Customers service level indicators. Reactive and efficient supply chains. Reaching of strategic fitting in supply chain. Strategic fitting levels. Supply chain strategies (Lean and Agile strategy). Recognition of order decoupling point. Efficient Customer Response strategy (ECR). Quick Response strategy (QR). Supply chain coordination. Bull whip effect. Supply chain coordination methods. Distribution strategies. Distribution requirements planning system (DRP). Supply chain management systems (ERP, APS). E-business in supply chain.

Seminar:

Subjects of students presentation: ABC classification, Customers service level indicators, MRPII/ ERP systems – implementation problems, DRP systems, CRM system, Outsourcing strategy, Lean strategy, Agile strategy, Quick response (QR) strategy, SCM systems, APS systems, ECR strategy, VMI strategy, Purchasing strategies, Beer game (materials flow simulation game)

3. Prerequisites:

Credition of Service and Production Management course, credition of Production Logistics course

4. Aim of the course

Understanding Supply Chain Management on strategic, planning and operational decisions level. Art of thinking in supply chain management categories. Delivery to the students the knowledge concerning the strategies, methods, tools and systems of supply chain management.

5. Literature

1. Bozarth, C., Handfield R., B., Wprowadzenie do zarządzania operacjami i łańcuchem dostaw, Helion, Gliwice 2007
2. Coyle J., J., Bardi E., J., Langley C., J., Zarządzanie logistyczne, PWE, Warszawa 2002
3. Kempny D., Logistyczna obsługa klienta, PWE, Warszawa, 2001
4. Christopher M., Logistyka i zarządz. łańcuchem podaży, Wyd. prof. szkoły biznesu, Kraków, 1998
5. Logistyka on-line, praca zbiorowa pod red. K. Rudkowskiego PWE, Warszawa 2002.
6. Sariusz- Wolski Z., Strategia zarządzania zaopatrzeniem, Agencja wydawnicza Placet, Warszawa 1998.
7. Christopher M., Peck H., Logistyka marketingowa, PWE, Warszawa 2005
8. Baraniecka A., ECR Efficient Consumer Response, Łańcuch dostaw zorientowany na klienta, Biblioteka Logistyka, Poznań 2004
9. Christopher M., Strategia zarządzania dystrybucją, Agencja wydawnicza Placet, Warszawa, 1996
10. Journals: „Gospodarka Materiałowa i Logistyka”, „Logistyka”, „Eurologistics”, „Jakość i Logistyka

6. Type of course

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	IV	2
Classes			
Laboratory			
Project			
Seminar	15/12	IV	2
Total student's workload	90		

9. Conditions of the course acceptance:

Lecture: credition of the final test

Seminar: acceptance of students elaborations and presentations

10. Language:

Polish

ECTS credits

1

25. Course name

Marketing Logistics

26. Course descriptionLecture

Marketing and logistics. Purchasing marketing: purchasing in enterprises, information sources about materials requirements, suppliers market, purchasing planning, make-or-buy decisions, purchasing and supply chain management. Sale marketing: market space, products portfolio, product's life cycle, marketing information, demand forecasting. Distribution network: distribution channels, localization of distribution centres, warehousing system management. DRP system. Distribution channel's planning. Space condition of logistic system based on distribution, present directions of development of logistics distribution. Logistic strategies and marketing strategies. Logistic customer service. Demand supply chains. Marketing logistics management.

Classes

Getting to know some issues of marketing logistics based on materials and information flow and imparting practical knowledge connected with enterprises' activities of marketing logistics. There are solving problems – case study.

2. Prerequisites:

Passed: Basic of logistics, Logistics in enterprises

5. Aim of the course

Teaching how to make decisions in purchasing and distribution sphere and promoting way of solving problems

6. Literature

1. J. Bendkowski, M. Kramarz: *Logistyka stosowana. Metody, techniki, analizy*. Wyd. Politechniki Śląskiej, Gliwice 2006.
2. J. Bendkowski, M. Pietrucha-Pacut: *Podstawy logistyki w dystrybucji*. Wyd. Politechniki Śląskiej, Gliwice 2003.
3. M. Christopher, H. Peck: *Logistyka marketingowa*. PWE, Warszawa 2005.
4. D. Kempny: *Logistyczna obsługa klienta*. PWE, Warszawa 2001.
5. S. Krawczyk: *Logistyka w zarządzaniu marketingiem*. Wyd. AE, Wrocław 1998.
6. *Logistyka dystrybucji*. Pod red. K. Rutkowskiego, Wyd. SGH, Warszawa 2005.

7. Type of course:

Obligatory

8. Teaching team:

Department of Production Engineering and Logistics

9. Course structure

Form	Number of hours	Semester	Year
Lectures	15/12	IV	2
Classes	15/-	IV	2
Laboratories			
Projects			
Seminar			
Total student's workload	30		

10. Conditions of the course acceptance:

lectures – written test, classes - projects

11. Language:

Polish

ECTS credits
1

1. Course name

Transport systems

2. Course description

Lecture

The concept of European transport- corridors, selected problems of the European transport policy

Transport costs, congestion costs

Evaluation problems, measures, evaluation indicators of a transport system

Characteristics and importance of the road transport

Characteristics and importance of the railway transport

Importance and perspectives of the inland water transport

Problems and applications of the airway transport

Integrated load units and selected elements of the intermodal transport technology, development perspectives and limitations of the intermodal transport

Logistic management of the road transport

Internet transport platforms

Transport organizations, transport enterprises, transport service market

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is to introduce the basic problems of transport system management. The course should provide a formal and practical framework that enables students to control and to manage transportation systems.

5. Literature

1. Wojewódzka – Król K., Rydzkowski W, Transport, PWN. Warszawa 2001
2. Grajner J., Kwaśniewski S., Nowakowski T.; Miejsce transportu kolejowego w łańcuchach i sieciach logistycznych, Oficyna Wydawnicza Politechniki Wrocławskiej, Wrocław, 2002.
3. Zając P.; Logistyczne zarządzanie flotą pojazdów drogowych. Oficyna Wydawnicza Politechniki Wrocławskiej, Seria Navigator 15 ,Wrocław, 2003.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	VI	3
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Lecture – written test

10. Language:

Polish

ECTS credits
2

1. Course name

Logistic Processes Analysis Methods

2. Course description

Lecture

Notion and typology of logistic-processes

Logistic process management

Client service process analysis

Delivery process analysis

Transport processes performance and analysis

Analysis of inventory process control

Performance simulation and comparison of the interaction of different logistic processes

Project

Enterprise processes mapping, identification of logistic processes

Logistic-process improvement by a selected TQM technique

Analysis of the client service costs

Diachronic analysis of the delivery process

Supplier sheet design

Transport processes cost analysis

Performance simulation and effects comparison of the application of alternative models of stock control

Examination of the relation between the transport and stock costs

3. Prerequisites

none

4. Aim of the course

Introduction to theoretical issues concerning the management of logistical processes in an enterprise/company and supply chain; showing the students methods and techniques used in the analysis of logistical processes.

5. Literature

1. J. Coyle, E. Bardi, J. Langley-Jr., Zarządzanie logistyczne, PWE, Warszawa 2002
2. S. Krawczyk, Zarządzanie procesami logistycznymi, PWE, Warszawa 2001
3. S. Nowak, Zarządzanie jakością. Teoria i praktyka, Helion, Gliwice 2002
4. M. Hammer, J. Champy, Reengineering w przedsiębiorstwie, Neumann Management Institute, Warszawa 1996

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/-	V	3
Classes			
Laboratory			
Project	15/12	V	3
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Lecture – written test, project - credit

10. Language:

Polish

ECTS Credits
3

1. Course name

Logistic Project Management

2. Course description:

Lecture

1. The notion of Logistic Project
2. Logistics Strategy and Project Selection
3. Organizing a Logistic Project
4. Planning the Logistic Project
5. Project Scheduling
6. Project Budgeting
7. Project Realization
8. Risk in Logistic Project

Tutorials

1. Profitability Analysis of a Logistic Project
2. Adjusting the Organizational Structure to the needs of a logistic project
3. Constructing a logical framework for the project
4. Forecasting the Project's durability
5. Preparing the Project's Schedule
6. Preparing a Financial Plan for the Project
7. Risk Analysis of a Logistic Project

3. Prerequisites

Logistics in an Enterprise

4. Aim of the course

The aim of the course is to convey elementary information in the field of logistic project management; acquiring skills of effective use of elementary tools, techniques and methods of Project Management.

5. Bibliography

1. J. Coyle, E. Bardi, J. Langley-Jr., *Zarządzanie logistyczne*, PWE, Warszawa 2002
2. J. Davidson Frame, *Zarządzanie projektami w organizacjach*, WIG-PRESS, Warszawa 2001
3. J. Davidson, *Kierowanie projektem. Praktyczny poradnik dla tych, którzy nie lubią tracić czasu*, Liber, Warszawa 2002
4. P. Pietras, M. Szmit, *Zarządzanie projektem. Wybrane metody i techniki*, OKW Horyzont, Łódź 2003
5. J.R. Meredith, S.J. Mantel, Jr., *Project Management. A Managerial Approach*, John Wiley & Sons, Inc., New York 2003

6. Type of the course:

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	15/12	VI	3
Tutorials			
Laboratory			
Project	15/12	VI	3
Seminar			
Conversation classes			
Student total workload	90		

9. Conditions of the course acceptance:

Lecture: written/oral examination; completing tutorials in design

10. Language:

Polish

ECTS credits
1

1. Course name

Cost of Logistic Processes

2. Course description

Lecture

Logistic chain, supply chain model, supply chain management

Logistic processes costs, actual trends in logistics

Typical logistic costs classification and criterions

Logistic cost idea and field for new organization model

Cost estimation methods

Logistic process budget

Performance and profitability via logistic costs management

Classes

The choice of logistic solutions : management of environment constraints, customer relation management, level of integration of logistic within the external and internal functions, rate of logistic outsourcing.

Cost management and logistic information systems (interactivity, interoperability), management of logistic processes, level of control of activities. Performance and profitability evaluation methods.

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is to introduce the basic problems of logistic cost management. The course should provide a formal framework that enables students to control and to manage logistic costs.

5. Literature

1. J. Twaróg, Koszty logistyki przedsiębiorstw, Biblioteka Logistyka, Poznań, 2003
2. J. Twaróg, Mierniki i wskaźniki logistyczne, Biblioteka Logistyka, Poznań, 2003
3. T. Wojciechowski, *Marketing i logistyka na rynku środków produkcji*, PWE, Wwa, 1995
4. *Kompedium wiedzy o logistyce*, WN PWN, Wwa, Poznań, 1999
5. Martin Christopher, *Logistyka i zarządzanie łańcuchem podaży*, Wydawnictwo Profesjonalnej Szkoły Biznesu, Kraków, 1998
6. Czesław Skowronek, Zdzisław Sarjusz-Wolski, *Logistyka w przedsiębiorstwie*, PWE, Wwa, 1995

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	V	3
Classes	15/-	V	3
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Lecture – written test, classes - written test and attendance

10. Language:

Polish

ECTS credits
1

1. Course name

Supply Logistics

2. Course description

Lecture

Organization of purchasing process. Classification of purchasing materials. The ways of purchasing. Types of purchasing. JIT conception. Strategic decisions in supply logistics: make-or-buy decisions, outsourcing: goals, pros, benefits. Supplier evaluation criterions. Portfolio analysis of supply market. Purchasing strategies: normative strategies, Kraljic's matrix, Olsen's and Ellram's model, Bensaou's model. Inventory management: definitions and kinds of stocks. ABC and XYZ purchasing items classification. EOQ model. Logistic centres. The sources of successes and defeats of logistic centres. Negotiations: definitions, styles, goals, elements, phases. MRP system. MRP II system. ERP system. Evaluation of supply logistic activities. Logistic audit.

Classes

Imparting the practical knowledge about logistic organization of purchasing sphere and acquiring practice of diagnosis and improvement of logistic activities in supply activities. There are solving problems – case study.

3. Prerequisites

Passed: Basic of logistics, Logistics in enterprises

4. Aim of the course

Teaching how to make decisions in purchasing sphere and logistic way of solving problems in supply chain.

5. Literature

1. J. Bendkowski, G. Radziejowska: *Logistyka zaopatrzenia w przedsiębiorstwie*. Wyd. Politechniki Śląskiej, Gliwice 2005.
2. K. Kowalska: *Logistyka zaopatrzenia*. Wyd. AE, Katowice 2005.
3. K. Lyons: *Zakupy zaopatrzeniowe*. Wyd. PWE, Warszawa 2004.
4. P.B. Scharj, T. Skjøtt-Larsen: *Zarządzanie globalnym łańcuchem podaży*. Wyd. PWE, Warszawa 2002.

6. Type of course:

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lectures			
Classes			
Laboratories			
Projects	15/12	V	3
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

lectures – written test, classes - projects

10. Language:

Polish

ECTS credits
2

1. Course name

Production Logistics

2. Course description

Lecture

The essence of production logistics. Logistics production management principles and objectives. Goldratt's model of logistics production management. Production flow normatives (lead time, lot size, inventory). Inventory rotation indicator. Production planning levels: Sales and operations planning, Master Production Scheduling, Materials Requirements Planning, Capacity Requirements Planning, Scheduling and Production Control. Manufacturing Resources Planning System (MRPII). Inventory classification. Dependent and Independent Demand. Stochastic Inventory Systems and Models. MRP – inventory management system based on requirements calculation principle. MRP logic. The essence and goals of JIT/LP strategy. Elements of JIT manufacturing system. JIT production planning and control. Kanban system. Lean Production implementation. Constraints Management strategy (OPT/TOC – Theory of Constraints). Theory of Constraints principles. Comparison MRP, JIT/LP, OPT/TOC strategies.

3. Prerequisites

Credition of Servis and Production Management

4. Aim of the course

The main objective of the lecture is the introduction to the logistics production management systems and strategies: MRP, JIT/LP, OPT/TOC and comparing them to classical inventory management systems and models. Laboratory objective is to learn students to make computer aided decision based on MRP, JIT and TOC principles.

5. Literature

1. Bozarth C., Handfield R.B., Wprowadzenie do zarządzania operacjami i łańcuchem dostaw, Helion, Gliwice 2007
2. Muhlemann, A., P., Oakland J., S., Lockyer K.G., *Zarządzanie – Produkcja i Usługi*, PWN, Warszawa 1995
3. Balter F., Jean, Zbroja Tadeusz, Zarządzanie logistyczne w przedsiębiorstwie, Biblioteka MWSLiT we Wrocławiu, Oficyna Wyd. „Nasz Dom i Ogród”, 2003
4. Waters Donald, Zarządzanie operacyjne, Wyd. Nauk. PWN, Warszawa 2001
5. Sariusz- Wolski Z., Strategia zarządzania zaopatrzeniem, Agencja wydawnicza Placet, W-wa 1998.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/9	V	2
Classes			
Laboratory	15/9	V	2
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Written test are the conditions of crediting the lecture

Laboratory – acceptance of students works

10. Language:

Polish

ECTS credits
2

1. Course name

Technical infrastructure for logistics

2. Course description

Lecture

Packaging in logistic systems (package functions, dimensioning, technical packaging parameters, packaging materials). Automatic identification for logistic applications part I (bar code, EAN 13, EAN 128, PDF 417, ITF, complex codes, matrix codes, logistic labels, standard identifiers applications). Automatic identification for logistic applications part II (electronic cards, magnetic cards, transponders, biometric verification and person identification, e-signature). Warehouse infrastructure (basic zones, zone pick sequences, warehouse types and classification, storage technology, localization and location problems, ABC and XYZ methods). Materials handling (stock resources, trucks, trolleys, automated guide vehicles, material handling resources, performance, resource planning, stock control methods and techniques)

Classes

Working with selected application programs. Analysis of infrastructural solutions based on the examples of up-to –date warehouse. Assumption for the design of stock space with given capacity calculation of the number of fork vehicles for a warehouse with given rotation stock. Indicator method of logistic centers design.

3. Prerequisites

none

4. Aim of the course

The objective is to provide the basic engineering knowledge (technology, equipment) with respect to the application of different methods and techniques for future logistic professional activities, for design, planning and exploitation of logistic systems.

5. Literature

[1] Korzeń Z.; Systemy logistyczne w transporcie bliskim i magazynowaniu. tom I i II Wyd. IliM Poznań 2002

[2] Pr. zb. Zarządzanie gospodarką magazynową PWE Warszawa 2000.

[3] Kwaśniewski S. (red), Zając P. (red); Automatyczna identyfikacja w systemach logistycznych. Seria Navigator nr 16 Ofic. Wyd. Pol. Wroc. Wrocław 2003.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/12	VI	3
Classes	15/-	VI	3
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

classes reports and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits
2

1. Course name

IT infrastructure for logistics

2. Course description

Lecture

IT for logistics, systems evolution, systems development life cycle

Information systems for logistic activity and process aid, hardware and software aspects

Classification and typology of systems

Transaction processing systems, management information systems

Systems MIS, DSS, ES, EIS; Systems MRP, ERP, DEM, LIS

Integrated management information systems.

Systems of automated identification, technology EDI, RFID, applications

Computer integrated manufacturing systems, flexible manufacturing systems, robotization

Project management systems; Virtual organization, extended enterprise

Knowledge management systems

Laboratory

Quantitative methods and algorithms for logistic process aid, production and transport problem optimization, inventory control, project management, scheduling, decision support, robotization.

3. Prerequisites

none

4. Aim of the course

The objective is to provide the basic engineering knowledge with respect to the application of the computer science and information technologies for the logistic process aid, learning basic quantitative methods, selected system and application programs.

5. Literature

1. Kolbusz E., Olejniczak W., Szyjewski Z., pod red., Inżynieria systemów informatycznych w e- gospodarce, PWE, Warszawa, 2005
2. Evans Ch., Zarządzanie wiedzą, PWE, Warszawa, 2005
3. Majewski J., Informatyka dla logistyki, Biblioteka Logistyka, Poznań, 2002
4. Adamczewski P., Informatyczne wspomaganie łańcucha logistycznego, Wyd. AE w Poznaniu, Poznań, 2001
5. Unold J., Systemy informacyjne marketingu, Wydawnictwo Akademii Ekonomicznej we Wrocławiu, 2001
6. Scheer A.W., Wstęp do informatyki gospodarczej. Podstawy efektywnego zarządzania informacją, Wydawnictwo Uniwersytetu Warszawskiego, Warszawa, 1996

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/9	VI	3
Classes			
Laboratory	15/9	VI	3
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Lecture – written test

10. Language:

Polish

ECTS credits
3

1. Course name

Transportation Law

2. Course description

Lecture

1. Deeds regulative rules of the transportation,
2. Basic comprehendings from the range of the forwarding law,
3. Rules of undertaking and executings of the road service,
4. The road service of persons and things
5. Circumstances and the mode of obtaining of professional certificates ,
6. Givings and competences of the Inspection Of The Road Service,
7. Circumstances conditions of executing of the international road service,
8. Licences given by The Service Bureau Of The International Transport,
9. Rules of executing and safeties of the train service,
10. Conditions of undertaking of the sea carriage,
11. Regulations legal normalizing conditions of executing of the air transport,
12. The system of digital tachographs.
13. Rights and duties of the transport agent realizing the transport of persons, letters luggage- and forwarding.
14. The adaptation of the Polish forwarding law to the regulation of the European Union.

3. Prerequisites

None

4. Aim of the course

A basic aim of teaching of the object is the introduction of legal regulations normalizing of the rule of executing of the transportation both on the territory Polish Republic, as well as of the international transport, with a special regard of requirements of technically organizational necessary to executing of the transportation.

An essential aim of teaching of the object is also the analysis of the regulation of legal concerning responsibilities of contracted of transport agents realizing shipping business.

5. Literature

1. Władysław Górski, Edward Mendyk, *Prawo transportu lądowego*, Prawo i Ekonomia 2005
2. Mirosław Stec, *Umowa przewozu w transporcie towarowym*, Prawo i Ekonomia 2005
3. Marek Żylicz, *Prawo lotnicze*, LexisNexis 2002

Ustawa z dnia 6 września 2001 r. o Transporcie drogowym z późn. zm.,

Ustawa z dnia 2 sierpnia 1997 r. o warunkach wykonywania międzynarodowego transportu drogowego z późn. zm.,

Ustawa z dnia 15 listopada 1984 r. Prawo przewozowe z późn. zm.

Ustawa z dnia 18 września 2001 r. Kodeks morski z późn. zm.,

Ustawa z dnia 28 marca 2003 r. o Transporcie kolejowym z późn. zm.,

Ustawa z dnia 16 sierpnia 2002 r. Prawo lotnicze z późn. zm.

6. Type of course

Obligatory

7. Teaching team

Department of Science on Economy and European Union

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15/12	VII	4
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	90		

9.Conditions of the course acceptance

Credit

10.Language

Polish

ECTS credits
3/4

1. Course name

Process Methods of Management

2. Course description

Lecture

Definitions and kinds of processes. Horizontal enterprises. Identification of process. Processes management. Classification of operation process by International Benchmarking Clearinghouse. Present organizations: learning organization, network organization, virtual organization, fractal organization, biologic organization, holotonic organization, hipertext organization. Determinants of process organization. Process improvement of firms activities. Projecting of process organization. Structure of process organization. Social circumstance of process organization's changes. Balanced Scorecard.

Classes

Teaching how to make decisions in process organizations and solve problem in process organizations. There are solving problems – case study.

3. Prerequisites:

Passed: Basic of management

4. Aim of the course

Instructing students of problems connected with process organization management and methods used in analysis of processes

5. Literature

1. J. Brilman: *Nowoczesne koncepcje i metoda zarządzania*. PWE, Warszawa 2002.
2. P. Grajewski: *Organizacja procesowa*. PWE, Warszawa 2007.
3. M. Hammer, J. Champy: *Reengineering w przedsiębiorstwie*. Wyd. PWE, Warszawa 1997.
4. R. S. Kaplan, D.P. Norton: *Strategiczna Karta Wyników. Balanced Scorecard*. Wyd. CIM, Warszawa 2001.
5. *Organizacja i sterowanie produkcją*. Pod red. M. Brzezińskiego, Agencja Wydawnicza Placet, Warszawa 2002.
6. J.P. Rowland: *Re-Engineering*. Wyd. G&S, Warszawa 1997.
7. G.A. Rummler, A.P. Brache: *Podnoszenie efektywności organizacji*. PWE, Warszawa 2000.

6. Type of course:

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lectures	15/12	VII	4
Classes			
Laboratories			
Projects			
Seminar			
Total student's workload	90/120		

9. Conditions of the course acceptance:

lectures – written test, classes - projects

10. Language:

Polish

ECTS credits
1

1. Course name

Introduction to automatics and robotics

2. Course description

Lecture

Introduction, history, principal definitions and terminology

Control systems, classification, elements, feedback, block diagrams

Robot as automatic system, its control systems, power transmission systems, sensors systems

Robot classification, samples realisations, actual applications

Robot kinematics, degrees of freedom

Redundancy of manipulators, direct and inverse kinematics problems

Programming methods, control systems, position control servo-mechanism

Control system's tasks, hierarchy of control systems, examples.

Flexible automation, flexible manufacturing and flexible assembly systems.

Computer aided manufacturing, CAD/CAM.

Computer integrated manufacturing, CIM model

3. Prerequisites

none

4. Aim of the course

The aim of this course is familiarized the students with the notions and ideas who cover elementary problems and tasks of automatic control engineering and robotics.

5. Literature

1. J. Honczarenko, Roboty przemysłowe, elementy i zastosowanie, WNT, Warszawa, 1996
2. R. Zdanowicz, Robotyzacja procesów technologicznych, Wyd. Politechniki Śląskiej, Gliwice, 1999
3. G. Kost, Układy sterowania robotów przemysłowych, Wyd. Politechniki Śląskiej, Gliwice, 2000

6. Type of course

Optional

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/18	IV	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Lecture – written test

10. Language:

Polish

ECTS credits
1

1. Course name

Continuous Improvement Management

2. Course description

Lecture

The origins of continuous improvement concept (Kaizen philosophy). Essence and objectives of Kaizen. Kaizen and engineering. *Gemba* kaizen principles. Standardization – SDCA circle. Work station organization based on 5S principles. Waste elimination and reduction (*muda*). Six Sigma strategy. Assembly line balancing. Total Preventive Maintenance. Process evaluation measures: production cycle indicator, OEE indicator. Continuous improvement in TQM strategy. Continuous improvement in JIT/Lean Production strategy. Continuous improvement methods, techniques and tools: 5 questions why, Pareto analysis, QFD, FMEA, PDCA, Ishikawa diagram, SMED, Value Stream Mapping.

3. Prerequisites:

Credition of Service and Production Management course,

4. Aim of the course

Understanding the continuous improvement philosophy. Supply Chain Management on strategic, planning and operational decisions level. Art of thinking in supply chain management categories. Delivery to the students the knowledge concerning continuous improvement strategies (Six Sigma, TQM, JIT/Lean Production) as well as continuous improvement methods, techniques and tools.

5. Literature

1. Steinbeck H.,H., Total Quality Management, Agencja Wydawnicza Placet, Warszawa 1998
2. Bozarth, C., Handfield R., B., Wprowadzenie do zarządzania operacjami i łańcuchem dostaw, Helion, Gliwice 2007
3. Womack, J.P., Jones, D.T., Odchudzanie firm, Eliminacja marnotrawstwa – kluczem do sukcesu, Centrum Informacji Menedżera, Warszawa 2001
4. Rother M., Shook J., Naucz się widzieć, Eliminacja marnotrawstwa poprzez Mapowanie strumienia Wartości, Wyd. WCTT, Politechnika Wrocławska, 2003
5. Materiały do wykładu dr inż. Jacka Rudnickiego, Zarządzanie ciągłym doskonaleniem, WWW.ioz.pwr.wroc.pl (pracownicy, Jacek Rudnicki)

6. Type of course

Optional

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/18	IV	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

Presence during the lectures and acceptance of student's works (Assembly Line Balancing)

10. Language:

Polish

Punkty ECTS

2

1. Course name

Economics and organization of transport

2. Course description

Lecture

Transport system and process: organization and classification of transport systems, transport needs, integrating factories of transport system, elements of transport system, efficiency of transport system. Transport economics. Specification of transport firms: distribution of transport firms, costs in transport enterprises, marketing in transport firms, polish transport enterprises but European Union's extortions. Transport services: sources of transport needs, demand and supply of transport services, production of transport services, prices of transport services, market of transport services, distribution of transport services. Transport policy: main goals of transport policy, tools of transport policy, subjects of transport policy, European transport policy, Polish transport system. Transit policy: economic meaning of transit, routes and ports of european transit, Poland as a transit country, Alpine countries' transit policy. City logistics: main goals, logistic system of cities, infrastructure of city logistics. International transport. Multimodal transport systems. Intermodal transport systems.

3. Prerequisites:

None

4. Aim of the course

Getting to know some issues of transport economics in mikro- and makro- aspects.

5. Literature

5. W. Grzywacz, K. Wojewódzka-Król, W. Rydzkowski: *Polityka transportowa*. Wyd. UG, Gdańsk 2005
6. S. Marszałek: *Ekonomika, organizacja i zarządzanie w transporcie*. Wyd. ŚWSzZ, Katowice 2001
7. E. Mendyk: *Ekonomika i organizacja transportu*. Wyd. WSL, Poznań 2002
8. *Uwarunkowania rozwoju systemu transportowego Polski*. Pod red. B. Liberadzkiego i L. Mindura, Wyd. Instytutu Technologii Eksploatacji, Warszawa - Radom 2007
9. *Rozwój infrastruktury transportu*. Pod red. K. Wojewódzkiej-Król, Wyd. UG, Gdańsk 2002
10. *Transport*. Pod red. W. Rydzkowskiego i K. Wojewódzkiej-Król, Wyd. PWN, Warszawa 2006

6. Type of course:

Chosen lecture

7. Teaching team:

Departament of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lectures	30/18	V	3
Classes			
Laboratories			
Projects			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

lectures – written test

10. Language:

Polish

ECTS credits
2

1. Course name

Statistical Process Control

2. Course description

Lecture

Basic approach to statistical process control, history, principal definitions and terminology

Data representations and data types

Frequency tables and histograms, scatter plot

Means, variances and other statistics

Basic types of distribution (normal, Bernoulli, Poisson)

Control charts types and statistical assumptions

Variables control charts. Attributes control charts

Design and interpretation of control charts, out-of –control criteria choice

X-bar chart, R chart, s chart, s-squared chart, p chart, np chart, c chart, u chart

Process performance index C_p , C_{pk}

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is to introduce the basic concepts of statistical process control methodology. The course should provide a formal framework that enables students to design and to interpret basic statistical process control charts.

5. Literature

1. Zarządzanie jakością, cz.4, Statystyczne Sterowanie Procesem, Materiały Studium Podyplomowego
2. Zarządzanie Jakością, wyd. WCTT Politechnika Wrocławska, Wrocław, 2002
3. Thompson R., Koronacki J., Statystyczne sterowanie procesem. Metoda Deminga etapowej optymalizacji jakości, wyd. PLJ, Warszawa, 1994
4. Greber T., Statystyczne sterowanie procesami – doskonalenie jakości z pakietem STATISTICA, wyd. StatSoft Polska, Kraków, 2000

6. Type of course

Optional

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/18	VI	3
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Lecture – written test or project

10. Language:

Polish

ECTS Credits
2

1. Course name

Monographic lecture. Work Hygiene and Safety Management Systems

2. Course description:

Lecture:

1. Aims and tasks of the work hygiene and safety management systems
2. Normalization on international scale and in Poland in the scope of work hygiene and safety.
3. Applicable legal regulations in work safety.
4. The model of work hygiene and safety management system according to the PN – N 18001 norm.
5. Requirements relating to the implementation and functioning of the work and safety management system.
6. Identification and occupational risk assessment at workplace.
7. Management commitment, policy and planning in the work hygiene and safety management system.
8. Implementation and functioning of the system – monitoring of the work hygiene and safety management system's functioning.
9. Documenting, checking and corrective actions as well as prevention.
10. Review conducted by management and constant improvement of the work hygiene and safety management system.

3. Prerequisites

None

4. Aim of the course

The aim of the course is to convey elementary information in the field of implementation and functioning of the work hygiene and safety management systems in enterprises.

5. Bibliography

1. Zarządzanie jakością Cz. 1. Systemy jakości w organizacji, pod red. W. Ładoński, K. Szołtysek. Wyd. AE we Wrocław, Wrocław 2005
2. Karczewski J.: System zarządzania bezpieczeństwem pracy, ODDK Gdańsk 1998
3. Podstawy systemowego zarządzania bezpieczeństwem i higieną pracy, pod red. D. Podgórski, Z. Pawłowska, Wyd.CIOP-PIB, Warszawa 2004
4. Rączkowski B.: BHP w praktyce. ODDK Gdańsk 1998

6. Type of the course:

Elective lecture

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	30/18	VI	3
Tutorials			
Laboratory			
Project			
Seminar			
Conversation classes			
Student total workload	60		

9. Conditions of the course acceptance:

Lecture: written/oral examination

10. Language:

Polish

ECTS credits
2

1. Course name

Diploma seminar

2. Course description

semester 5

The primary aim is to arouse the interests of a student and to help him/her to choose the subject of the future diploma thesis.

Initial preparation of the subject, aim and structure of the thesis with the help of the promoter

Preparation of the source and literature materials.

3. Prerequisites

none

4. Aim of the course

The purpose of the classes is to create methodical and analytical attitude towards practical logistical issues. Examination of theoretical issues and of practical problems concerning the control, management and performance evaluation of logistical processes in an enterprise/company and supply chain; showing the students methods and techniques used in the analysis and in the evaluation of logistical processes.

5. Literature

Basic literature, technical press materials, logistics monographic papers and articles

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	15/12	V	3
Total student's workload	60		

9. Conditions of the course acceptance:

Evaluation of realized tasks

10. Language:

Polish

ECTS credits
2

1. Course name

Diploma seminar

2. Course description
semester 6

Student should be able to prove his/her logistical abilities and competence gained so far and should know how to analyse source materials.

Choice of logistical methodology to be used in the thesis.

Elaboration of source materials.

Presentation of the subject and of the main ideas of the thesis

3. Prerequisites

none

4. Aim of the course

The purpose of the classes is to create methodical and analytical attitude towards practical logistical issues. Examination of theoretical issues and of practical problems concerning the control, management and performance evaluation of logistical processes in an enterprise/company and supply chain; showing the students methods and techniques used in the analysis and in the evaluation of logistical processes.

5. Literature

Basic literature, technical press materials, logistics monographic papers and articles

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	30/24	VI	3
Total student's workload	60		

9. Conditions of the course acceptance:

Evaluation of realized tasks

10. Language:

Polish

ECTS credits
2

1. Course name

Diploma seminar

2. Course description
semester 7

A student is required to write the thesis himself with the help of the promoter, focusing on the subject chosen in the previous semester.

Presentation of the results of the thesis.

3. Prerequisites

none

4. Aim of the course

The purpose of the classes is to create methodical and analytical attitude towards practical logistical issues. Examination of theoretical issues and of practical problems concerning the control, management and performance evaluation of logistical processes in an enterprise/company and supply chain; showing the students methods and techniques used in the analysis and in the evaluation of logistical processes.

5. Literature

Basic literature, technical press materials, logistics monographic papers and articles

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	30/24	VII	4
Total student's workload	60		

9. Conditions of the course acceptance:

Evaluation of realized tasks

10. Language:

Polish

ECTS credits

2

1. Course name:

Diploma seminar: Technical progress in the production and technology

2. Course description:

Thematic scope of seminar: Optimization of chosen individual operation and processes, which occur in technological processes of production. Technical and technological progress in production of chosen products. Quality analyze and evaluation of chosen products. Quality management systems. Product designing. Technological designing of industrial plants. Package management. Waste management. Water-sewage management. Energy management.

Semester 5: The primary aim is to arouse the interests of a student and to help him/her to choose the subject of the future diploma thesis.

3. Prerequisites:

None.

4. Aim of the course:

Practicing and reaching by students the ability of shaping the researches problem and hypothesis involved with it. Strengthening the knowledge in the field of specialization and the researches subject. Reaching the ability of knowledge selection connected with the researches subject and its analysis. The main goal of seminar is elaborate of final dissertation, getting the skills of analyzing the foreign and own text and presentation an essay in form of compact complex approach to chosen issue.

5. Literature:

1. Achremowicz B., Wesołowska-Janczarek M.: Poradnik dla dyplomatów z przeglądem metod statystycznych. Lublin: Wyd. AR 2001.
2. Kaszyńska A.: *Jak napisać, przepisać i z sukcesem obronić pracę dyplomową lub magisterską*. Internetowe Wyd. Złote Myśli. 2004.
3. Szkutnik Z.: *Metodyka pisania pracy dyplomowej*. Poznań: Wyd. Poznańskie. 2005.
4. Urban S., Ładoński W.: *Jak napisać dobrą pracę magisterską*. Wrocław: Wyd. AE 2001.

6. Type of course:

Obligatory.

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semester	Year
Lectures			
Classes			
Laboratories			
Projects			
Seminar	15/12	V	3
Consultations			
Total student's workload	60		

9. Conditions of the course acceptance:

Activity during the classes, approach in preparing: assumptions, goal and plan of dissertation and approach in writing of dissertation.

10. Language:

Polish.

ECTS credits

2

1. Course name:

Diploma seminar: Technical progress in the production and technology

2. Course description:

Thematic scope of seminar: Optimization of chosen individual operation and processes, which occur in technological processes of production. Technical and technological progress in production of chosen products. Quality analyze and evaluation of chosen products. Quality management systems. Product designing. Technological designing of industrial plants. Package management. Waste management. Water-sewage management. Energy management.

Semester 6: Student should be able to prove his/her logistical abilities and competence gained so far and should know how to analyze source materials. Choice of logistical methodology to be used in the thesis. Elaboration of source materials. Presentation of the subject and of the main ideas of the thesis.

Prerequisites:

None.

3. Aim of the course:

Practicing and reaching by students the ability of shaping the researches problem and hypothesis involved with it. Strengthening the knowledge in the field of specialization and the researches subject. Reaching the ability of knowledge selection connected with the researches subject and its analysis. The main goal of seminar is elaborate of final dissertation, getting the skills of analyzing the foreign and own text and presentation an essay in form of compact complex approach to chosen issue.

4. Literature:

1. Achremowicz B., Wesołowska-Janczarek M.: Poradnik dla dyplomatów z przeglądem metod statystycznych. Lublin: Wyd. AR 2001.
2. Kaszyńska A.: *Jak napisać, przepisać i z sukcesem obronić pracę dyplomową lub magisterską*. Internetowe Wyd. Złote Myśli. 2004.
3. Szkutnik Z.: *Metodyka pisania pracy dyplomowej*. Poznań: Wyd. Poznańskie. 2005.
4. Urban S., Ładoński W.: *Jak napisać dobrą pracę magisterską*. Wrocław: Wyd. AE 2001.

5. Type of course:

Obligatory.

6. Teaching team:

Department of Production Engineering and Logistics

7. Course structure:

Form	Number of hours	Semester	Year
Lectures			
Classes			
Laboratories			
Projects			
Seminar	30/24	VI	3
Consultations			
Total student's workload	60		

8. Conditions of the course acceptance:

Activity during the classes, approach in preparing: assumptions, goal and plan of dissertation and approach in writing of dissertation.

9. Language:

Polish.

ECTS credits

2

1. Course name:

Diploma seminar: Technical progress in the production and technology

2. Course description:

Thematic scope of seminar: Optimization of chosen individual operation and processes, which occur in technological processes of production. Technical and technological progress in production of chosen products. Quality analyze and evaluation of chosen products. Quality management systems. Product designing. Technological designing of industrial plants. Package management. Waste management. Water-sewage management. Energy management.

Semester 7: A student is required to write the thesis himself with the help of the promoter, focusing on the subject chosen in the previous semester. Practicing the ability of the proper master work construction. Reaching the ability of proper (corresponding with current rules) presentation either in the written form or multimedia one, own thoughts, reasoning and conclusions.

Prerequisites:

None.

3. Aim of the course:

Practicing and reaching by students the ability of shaping the researches problem and hypothesis involved with it. Strengthening the knowledge in the field of specialization and the researches subject. Reaching the ability of knowledge selection connected with the researches subject and its analysis. The main goal of seminar is elaborate of final dissertation, getting the skills of analyzing the foreign and own text and presentation an essay in form of compact complex approach to chosen issue.

4. Literature:

1. Achremowicz B., Wesołowska-Janczarek M.: Poradnik dla dyplomatów z przeglądem metod statystycznych. Lublin: Wyd. AR 2001.
2. Kaszyńska A.: *Jak napisać, przepisać i z sukcesem obronić pracę dyplomową lub magisterską*. Internetowe Wyd. Złote Myśli. 2004.
3. Szkutnik Z.: *Metodyka pisania pracy dyplomowej*. Poznań: Wyd. Poznańskie. 2005.
4. Urban S., Ładoński W.: *Jak napisać dobrą pracę magisterską*. Wrocław: Wyd. AE 2001.

5. Type of course:

Obligatory.

6. Teaching team:

Department of Production Engineering and Logistics

7. Course structure:

Form	Number of hours	Semester	Year
Lectures			
Classes			
Laboratories			
Projects			
Seminar	30/24	VII	4
Consultations			
Total student's workload	60		

8. Conditions of the course acceptance:

Activity during the classes, approach in preparing: assumptions, goal and plan of dissertation and approach in writing of dissertation.

9. Language:

Polish.

ECTS credits
2

1. Course name

Diploma seminar

2. Course description

Statutory, formal and editorial requirements involved with writing a master's thesis. Methodology of writing a master's thesis. Characteristic of knowledge fields involved with specialization as well as indicating problems that could be essential to formulate a master's thesis. Detail characteristic of problems and shaping the research targets.

3. Prerequisites

None

4. Aim of the course

Presentation of requirements and methodology of writing as well as tools supporting writing a master's thesis. Extending knowledge related to master's thesis specialization in the degree allowing a student to specify the fields and problems being interested in.

Acquiring an ability to use tools supporting writing a master's thesis. Formulating the subject of the master's thesis.

5. Literature

1. Szkutnik Z., *Metodyka pisania pracy dyplomowej*, Wydawnictwo Poznańskie, 2005.
2. Kaszyńska A., *Jak napisać, przepisać i z sukcesem obronić pracę dyplomową lub magisterską*, Inter-netowe Wydawnictwo Złote Myśli, 2004.
3. Książki, podręczniki, monografie, czasopisma periodyki specjalistyczne, opracowania firmowe związane z konwersją, magazynowaniem, przenoszeniem energii oraz wykorzystywaniem energii w przemyśle, budownictwie i dla zaspakajania potrzeb bytowych.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes			
Laboratory			
Project			
Seminar	15/12	V	3
Total student's workload	60		

9. Conditions of the course acceptance

Evaluation activity and progress of graduation work

10. Language

Polish

ECTS credits
2

1. Course name

Diploma seminar

2. Course description

Searching, gathering and analysis of knowledge related to subject of a master's thesis. Formulating the research problem as well as aims and hypothesis involved with it. Taking an advantage of other's authors output and documentation of this output sources.

3. Prerequisites

None

4. Aim of the course

Gathering the basic literature involved with the subject of master's thesis. Searching and elaboration of information and literature data as well as their analysis in the aspect of their usefulness by writing a master's thesis.

Presentation of subject and the aims of master's thesis. A plan of the master's thesis. Working version of a first chapter of the master's thesis.

5. Literature

1. Szkutnik Z., *Metodyka pisania pracy dyplomowej*, Wydawnictwo Poznańskie, 2005.

2. Kaszyńska A., *Jak napisać, przepisać i z sukcesem obronić pracę dyplomową lub magisterską*, Inter-netowe Wydawnictwo Złote Myśli, 2004.

3. Książki, podręczniki, monografie, czasopisma periodyki specjalistyczne, opracowania firmowe związane z konwersją, magazynowaniem, przenoszeniem energii oraz wykorzystywaniem energii w przemyśle, budownictwie i dla zaspakajania potrzeb bytowych.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes			
Laboratory			
Project			
Seminar	30/24	VI	3
Total student's workload	60		

9. Conditions of the course acceptance

Evaluation activity and progress of graduation work

10. Language

Polish

ECTS credits
2

1. Course name

Diploma seminar

2. Course description

Evaluation of results of own researches or analysis as well as ability of confronting them with source materials. Principles of proper presentation of research results as well as conclusions construction. Principles of written or multimedia presentation of analysis, researches results and elaborations.

3. Prerequisites

None

4. Aim of the course

Elaboration of gathered information both literature and source ones. Elaboration of results of own researches and analysis. Elaboration of remarks and conclusions resulting from gathered information and results of own researches and analysis. Editing first version of master's thesis.

Working version of the master's thesis. Evaluation of working version of master's thesis. Entering changes and corrections as well as preparation of the work's final version.

5. Literature

1. Szkutnik Z., *Metodyka pisania pracy dyplomowej*, Wydawnictwo Poznańskie, 2005.

2. Kaszyńska A., *Jak napisać, przepisać i z sukcesem obronić pracę dyplomową lub magisterską*, Inter-netowe Wydawnictwo Złote Myśli, 2004.

3. Książki, podręczniki, monografie, czasopisma periodyki specjalistyczne, opracowania firmowe związane z konwersją, magazynowaniem, przenoszeniem energii oraz wykorzystywaniem energii w przemyśle, budownictwie i dla zaspakajania potrzeb bytowych.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes			
Laboratory			
Project			
Seminar	30/24	VII	4
Total student's workload	60		

9. Conditions of the course acceptance

Evaluation activity and progress of graduation work

10. Language

Polish

ECTS Credits
2

1. Course name

Diploma Seminar

2. Course description:

Fifth semester:

Methodological workshop, selecting a diploma paper topic, specifying the design and thesis of a diploma paper, aims and assumptions of diploma in engineering, specifying the topic for a diploma paper, its contents, review of survey methods in the scope of a diploma paper topic.

3. Prerequisites

None.

4. Aim of the course

The aim of the course is to familiarize the students with the cycle of organized action cycle and techniques used in writing a diploma paper, specifying the problem, survey design. Survey methods and interpreting the survey data. Acquisition of analysis and interpretation skills of scientific texts from the area specified by a diploma paper topic, using analysis to solve basic problems, describing the results of conducted survey, formulating conclusions.

5. Bibliography

- Urban S., Ładoński W.: *Jak napisać dobrą pracę magisterską*: Wrocław, Wyd. AE 2006
- Pułło A: *Prace magisterskie i licencjackie. Wskazówki dla studentów*: Warszawa: PWN 2001
- Pioterek P., Zieleniecka B.: *Technika pisania prac dyplomowych*. Poznań 1997
- Zaczyński W.: *Poradnik autora prac semestralnych, dyplomowych i magisterskich*. Warszawa 1995

6. Type of the course:

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials			
Laboratory			
Project			
Seminar	15/12	V	3
Conversation classes			
Student total workload	60		

9. Conditions of the course acceptance:

Completion of the assumed stages of writing a diploma paper

10. Language:

Polish

ECTS Credits
2

1. Course name

Diploma Seminar

2. Course description:

Sixth semester:

Getting to know techniques of writing a diploma paper : specifying the merit, editorial and editing requirements for a diploma paper, specifying the aim, thesis and plan of a diploma paper, collecting sources and literature, preparing for practical placement, writing the first (theoretical) chapter of a diploma paper on the basis of the literature review.

3. Prerequisites

None.

4. Aim of the course

The aim of the course is to familiarize the students with the cycle of organized action cycle and techniques used in writing a diploma paper, specifying the problem, survey design. Survey methods and interpreting the survey data. Acquisition of analysis and interpretation skills of scientific texts from the area specified by a diploma paper topic, using analysis to solve basic problems, describing the results of conducted survey, formulating conclusions.

5. Bibliography

1. Urban S., Ładoński W.: *Jak napisać dobrą pracę magisterską*: Wrocław, Wyd. AE 2006
2. Pułło A: *Prace magisterskie i licencjackie. Wskazówki dla studentów*: Warszawa: PWN 2001
3. Pioterek P., Zieleniecka B.: *Technika pisania prac dyplomowych*. Poznań 1997
4. Zaczynski W.: *Poradnik autora prac semestralnych, dyplomowych i magisterskich*. Warszawa 1995

6. Type of the course:

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials			
Laboratory			
Project			
Seminar	30/24	VI	3
Conversation classes			
Student total workload	60		

9. Conditions of the course acceptance:

Completion of the assumed stages of writing a diploma paper

10. Language:

Polish

ECTS Credits
2

1. Course name

Diploma Seminar

2. Course description:**Seventh semester:**

Writing, reporting on the diploma paper written stages: error correction of problematic issues and the layout of the a diploma paper, writing and reporting on the subsequent diploma paper chapters, correctness evaluation of survey methods used, study and discussion of the survey result, advising, proof-reading and evaluating the diploma paper by the promotor, preparing for the final diploma examination.

3. Prerequisites

None.

4. Aim of the course

The aim of the course is to familiarize the students with the cycle of organized action cycle and techniques used in writing a diploma paper, specifying the problem, survey design. Survey methods and interpreting the survey data. Acquisition of analysis and interpretation skills of scientific texts from the area specified by a diploma paper topic, using analysis to solve basic problems, describing the results of conducted survey, formulating conclusions.

5. Bibliography

1. Urban S., Ładoński W.: *Jak napisać dobrą pracę magisterską*: Wrocław, Wyd. AE 2006
2. Pułło A: *Prace magisterskie i licencjackie. Wskazówki dla studentów*: Warszawa: PWN 2001
3. Pioterek P., Zieleniecka B.: *Technika pisania prac dyplomowych*. Poznań 1997
4. Zaczęński W.: *Poradnik autora prac semestralnych, dyplomowych i magisterskich*. Warszawa 1995

6. Type of the course:

Obligatory

7. Teaching team:

Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials			
Laboratory			
Project			
Seminar	30/24	VII	4
Conversation classes			
Student total workload	60		

9. Conditions of the course acceptance:

Completion of the assumed stages of writing a diploma paper

10. Language:

Polish

ECTS credits
2

1. Course name

Diploma seminar - Semester V

2. Course description

1. Profession of an engineer; civilization, legal and ethical aspects.
2. Test - Organizational preferencies
3. Ability to self-present, present a company and a product.
4. Preparing the proposal card of a diploma paper topic.
5. Discussing the cards, mentioned in point 4, by graduates.
6. Analysis and discussion leading to formulating topics of diploma papers.
7. Preparing a document "Proposing the topic of the diploma paper"

3. Prerequisites

finished 4 first semesters of studies

4. Aim of the course

Consolidating the knowledge and abilities in the specialization area and the research topic. Agreeing with the chosen company and determining the topic of the thesis.

5. Literature

1. Urban S., Ładoński W.: Jak napisać dobrą pracę magisterską. Wyd. AE, Wrocław, 2006.
2. Bielcowie E. i J.: Podręcznik pisania prac albo technika pisania po polsku. Wyd. EJB, Kraków, 2004.
3. Kuc. B.R., Paszkowski J.: Metody i techniki pisania prac dyplomowych. Wyd. AE, Poznań, 2005.
4. Majchrzak J., Mendel T.: Metodyka pisania prac magisterskich i dyplomowych. Wyd. AE, Poznań, 2005.
5. Rajczyk J., Rajczyk M., Respondek Z.: Wytyczne do przygotowania prac dyplomowych magisterskich i inżynierskich na Wydziale Budownictwa Politechniki Częstochowskiej. Wyd. Politechniki Częstochowskiej, 2004.
6. Węglińska M.: Jak pisać dobrą pracę magisterską. Poradnik dla studentów. Oficyna Wydawnicza IMPULS, Kraków, 2007.
7. Zenderowski R.: Technika pisania prac magisterskich. CEPEWU Sp. z o.o. Warszawa.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	15/12	V	3
Total student's workload	60		

9. Conditions of the course acceptance:

Introductions, tests, presentations and discussions. The presence, the activity and the preparation and the completion of the presentation of stages of the diploma.

10. Language:

Polish

ECTS credits
2

1. Course name

Diploma seminar - Semester VI

2. Course description

- Content and logical structure of an engineer diploma paper.
- Analysis of the state of knowledge
 - objects, processes and systems
 - tools, methods (computational, measuring), software, a research department
 - tracking results and achievements in the field
 - model solutions and cases
 - conclusions and observations
- Presentation by graduates the analysis of the knowledge in the area of their papers.
- Presenting by students the field of their research and planned tools, methods and techniques.
- Presenting by students preliminary concept (methods) of the solution of the diploma paper problem. Preparing material and program of the holiday training.

3. Prerequisites

finished 5 first semesters of studies

4. Aim of the course

Gaining by students of the ability of searching for knowledge connected with the subject and conducting observations and drawing conclusions. Gaining the ability of using achievements of different authors and documenting sources.

5. Literature

- Urban S., Ładoński W.: Jak napisać dobrą pracę magisterską. Wyd. AE, Wrocław, 2006.
- Bielcowie E. i J.: Podręcznik pisanie prac albo technika pisanie po polsku. Wyd. EJB, Kraków, 2004.
- Kuc. B.R., Paszkowski J.: Metody i techniki pisanie prac dyplomowych. Wyd. AE, Poznań, 2005.
- Majchrzak J., Mendel T.: Metodyka pisanie prac magisterskich i dyplomowych. Wyd. AE, Poznań, 2005.
- Rajczyk J., Rajczyk M., Respondek Z.: Wytyczne do przygotowania prac dyplomowych magisterskich i inżynierskich na Wydziale Budownictwa Politechniki Częstochowskiej. Wyd. Politechniki Częstochowskiej, 2004.
- Węglińska M.: Jak pisać dobrą pracę magisterską. Poradnik dla studentów. Oficyna Wydawnicza IMPULS, Kraków, 2007.
- Zenderowski R.: Technika pisanie prac magisterskich. CEPEWU Sp. z o.o. Warszawa.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	30/24	VI	3
Total student's workload	60		

9. Conditions of the course acceptance:

Introductions, tests, presentations and discussions. The presence, the activity and the preparation and the completion of the presentation of stages of the diploma.

10. Language:

Polish

ECTS credits
2

1. Course name

Diploma seminar - Semester VII

2. Course description

1. Reporting on a holiday apprenticeship or internship in a production or service company from a point of view of realization of a topic of the engineering job – short presentation.
2. Report on the realization of the topic of the thesis: presenting results (of calculations, examinations, analyses). Discussion of results. Analysis of fundamental technologies appearing while realizing the topic.
3. Structure (description of contents) of thesis and short discussion of the content of the chapter
4. Discussion on the most important chapters of the work: the purpose and the scope, received results, the summary and conclusions
5. Presentation of papers by future graduates, while finishing editing the B.A. thesis
6. The summing up lecture dealing with technical, economic and managerial subject matter recapitulating before the final examination

3. Prerequisites

finished 6 first semesters of studies

4. Aim of the course

Learning how to evaluate critically their own researches or analyses, as well as how to compare them with source materials. Equipping students with the ability to correct and edit their diploma paper. Learning how to present correctly (according to the current principles) one's reflections and results in the written or multimedia form. Encouraging students to use the acquired abilities in further professional practice and their development by reading professional publications in their field. Practicing abilities (CV, an interview) essential to apply for a job.

5. Literature

1. Urban S., Ładoński W.: Jak napisać dobrą pracę magisterską. Wyd. AE, Wrocław, 2006.
2. Bielcowie E. i J.: Podręcznik pisanie prac albo technika pisanie po polsku. Wyd. EJB, Kraków, 2004.
3. Kuc. B.R., Paszkowski J.: Metody i techniki pisanie prac dyplomowych. Wyd. AE, Poznań, 2005.
4. Majchrzak J., Mendel T.: Metodyka pisanie prac magisterskich i dyplomowych. Wyd. AE, Poznań, 2005.
5. Rajczyk J., Rajczyk M., Respondek Z.: Wytyczne do przygotowania prac dyplomowych magisterskich i inżynierskich na Wydziale Budownictwa Politechniki Częstochowskiej. Wyd. Politechniki Częstochowskiej, 2004.
6. Węglińska M.: Jak pisać dobrą pracę magisterską. Poradnik dla studentów. Oficyna Wydawnicza IMPULS, Kraków, 2007.
7. Zenderowski R.: Technika pisanie prac magisterskich. CEPEWU Sp. z o.o. Warszawa.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	30/24	VII	4
Total student's workload	60		

9. Conditions of the course acceptance:

Introductions, tests, presentations and discussions. The presence, the activity and the preparation and the completion of the presentation of stages of the diploma.

10. Language:

Polish

Management and production engineering

Second-degree studies

The graduates of the second-degree interdisciplinary studies in the field Management and Production Engineering receive Master's degree. They combine in a creative way - mainly through the synthesis - the engineering preparation in the broad sense of production engineering and operation of machines and devices, with the preparation in the domain of organization and management. This includes the management of technical functions such as: designing of machines and devices and their systems; designing of systems of manufacturing of machines and mechanical and electrical equipment, their operation and decommissioning; designing of management systems and the selection, evaluation and training of personnel; cost management and evaluation of the performance of the company and controlling; project management in the area of consulting and advisory business, marketing, logistics, capital management and investment management.

The graduates are prepared for:

1. Creative, innovative activity in the area of production engineering and operation of machines and devices.
2. Making and implementing of creative initiatives and decisions and carrying out production or service activity in the area of machine industry in small, medium and large enterprises.
3. Building teams of innovative activity in the area of production engineering and operation of machines and devices and management of these teams in the field of economic activities and in the sphere of state administration and local government.
4. Determining the needs, orientations and content of research and development and for organizing and conducting of such research and development, in particular for designing and implementation of technological innovations, product innovations and organizational innovations.
5. Technical and organizational consultancy in the field of engineering of machines and devices, in particular in the area of the directives and requirements of the European Union and in the area of acquiring funds from programs of the European Union.
6. Continuation of education and development in the third-degree (doctoral) studies and research activities related to production engineering issues in the field of construction and operation of machines and devices and their automation

All graduates are able to work in:

1. Small, medium and large production enterprises of machine industry.
2. State administration units (such as military, police) and local government administration, requiring technical, economical and managerial skills.
3. Research and development units: research institutes, research and development centers, universities, technology parks, business incubators and technology transfer centers.
4. Secondary education (in compliance with applicable requirements contained in the standards of teacher education) and facilities (centers) of vocational training.
5. Institutions and organizations dealing with guidance and knowledge dissemination, particularly in the area of production engineering and operation of machines and devices. This applies particularly to units involved in acquiring funds and conduction of projects financed by the European Union.

Specialization: Renewable resources energetics

The graduate of this specialization can identify and analyze opportunities for energy, economic and ecological values of different renewable energy sources, especially local or regional. He/she has the skills to organize a project from this range, to acquire necessary funds, to arrange formalities: legal, environmental, etc. and to prepare a business plan. The essential technical, economical and managerial preparation of the graduate of this specialization is a good condition to the requirements of the European Union, regarding a significant increase in the proportion of energy from renewable sources in the energy balance of our country in the next few year.

Specialization: Information Technologies in Production Engineering

The graduate of this specialization is educated in accordance with current expectations of industry and the wide-ranging services. In the course of study, students gain practical skills for using the computer systems used in production engineering and management. They gain knowledge in the area of production engineering, information technology, economic sciences and management sciences. They are prepared to organize and conduct research and development, including the design and implementation of information and technological innovations. The graduate can associate technical problems to the economical problems, and solve these problems using advanced IT tools. The graduates are prepared to work in: small, medium and large enterprises on medium and higher ranking management; in the economic and administrative units, which require technical, economical and IT knowledge and organizational skills; in design and consultancy organizations working in the selected area of production engineering and information technology; in the management of his/her own production or service company.

Specialization: Safety

The graduate of this specialization possesses a comprehensive preparation in the field of safety engineering and a thorough knowledge in the area of production engineering and management. He/she has skills of: organizing work, including organizing and carrying out activities to prevent and limit accidents, failures and occupational diseases; designing and monitoring of safety conditions; making safety and risk analysis; monitoring observance of safety regulations and rules; monitoring of working conditions and safety standards; researching into the circumstances of accidents and failures; conducting trainings and performing organizing functions in the area of safety management and keeping the documentation related to the safety. The graduate is prepared to design and implement operations and technological processes with the consideration of peoples safety and with the consideration of risk and the anticipation of the effects of the decisions - especially in emergency situations; to make decisions taking into account technical, legal, administrative and logistical determinants – under conditions of threat and stress.

Major: Management and production engineering
Specialization: Renewable resources energetics,
Recruitment: 2009

Full time

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Main subjects															
1	Machines engineering - designing	45	30			15		5							Grade
2	Machines engineering - manufacturing	60	45		15			7							Exam (1)
3	Foreign language	60		30				2		30				2	Grade
4	Computer aided design (CAD)	45	15		30			4							Grade
5	Forecasting and simulation in enterprise	60	30		30			6							Exam (1)
6	Systems of decision support and knowledge management	45	30				15	6							Exam (1)
7	Machines engineering - operation	30							30					3	Grade
8	Computer aided manufacturing (CAM)	45							15		30			5	Grade
9	Organisation of production systems	45							30			15		6	Exam (2)
10	Engineering-managerial transitional thesis	90										90		8	Grade
11	Management of project and innovations	45							30			15		6	Exam (2)
Total number of hours:			150	30	75	15	15			105	30	30	120	0	
Total number of hours per semester (year)/ECTS:		570	285					30	285					30	
Number of examinations:		5	3						2						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management and production engineering
Specialization: Renewable resources energetics,
Recruitment: 2009

Full time

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	lb		lc	c	lb	p	s		
Main subjects															
1	Integrated systems of management	45	30	5				5							Exam (3)
2	Strategic management	45	30	5				5							Exam (3)
3	Optional subject	60	15	3	15			3	15					2	Grade
Total number of hours/ECTS:		150	75	0	13	15	0	0	13	15	0	0			2
Subjects for speciality															
1	Non-renewable resources energetics	30	30	4				4							Grade
2	Basics of energy transformations	60	30	7				7							Exam (3)
3	Legal, economical and ecological aspects of energetics	45	30	5				5							Grade
4	Diploma seminar	45		1				1						2	Grade
5	Renewable hydropower and wind power	30			15	15			15	15				1	Grade
6	Renewable geothermal power	45			30	15			30	15				3	Exam (4)
7	Pro-ecological drives of machines and vehicles	30			30				30					2	Grade
8	Master's thesis													20	Grade
Total number of hours/ECTS:		285	90	30	17	75	30	0	17	75	30	0			28
Total number of hours/ECTS:			165	30	30	90	30	0	30	90	30	0			30
Total number of hours per semester (year):		435	270												
Number of examinations:		4	3												

Major: Management and production engineering
Specialization: Renewable resources energetics,
Recruitment: 2009

extramural

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Main subjects																
1	Machines engineering - designing	28	14			14		5								Grade
2	Machines engineering - manufacturing	36	20		16			7								Exam (1)
3	Foreign language	36		18				2		18					2	Grade
4	Computer aided design (CAD)	28	14		14			4								Grade
5	Forecasting and simulation in enterprise	36	20		16			6								Exam (1)
6	Systems of decision support and knowledge management	28	14				14	6								Exam (1)
7	Machines engineering - operation	20							20						3	Grade
8	Computer aided manufacturing (CAM)	28							14		14				5	Grade
9	Organisation of production systems	28							14			14			6	Exam (2)
10	Engineering-managerial transitional thesis	60										60			8	Grade
11	Management of project and innovations	28							14			14			6	Exam (2)
Total number of hours:			82	18	46	14	14		62	18	14	88	0			
Total number of hours per semester (year)/ECTS:		356	174					30	182					30		
Number of examinations:		5	3						2							

Industrial Safety – I semester 4h
Library training - I semester 4h

Major: Management and production engineering
Specialization: Renewable resources energetics,
Recruitment: 2009

extramural

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Main subjects															
1	Integrated systems of management	28	14		14			5							Exam (3)
2	Strategic management	28	14				14	5							Exam (3)
3	Optional subject	40	10				10	3	10				10	2	Grade
Total number of hours/ECTS:		96	38	0	14	0	24	13	13	0	0	0	10	2	
Subjects for speciality															
1	Non-renewable resources energetics	20	20					4							Grade
2	Basics of energy transformations	36	20	16				7							Exam (3)
3	Legal, economical and ecological aspects of energetics	28	14				14	5							Grade
4	Diploma seminar	38					14	1					24	2	Grade
5	Renewable hydropower and wind power	20							10	10				1	Grade
6	Renewable geothermal power	28							14	14				3	Exam (4)
7	Pro-ecological drives of machines and vehicles	20							20					2	Grade
8	Master's thesis													20	Grade
Total number of hours/ECTS:		190	54	16	0	0	28	17	44	24	0	0	24	28	
Total number of hours/ECTS:			92	16	14	0	52	30	54	24	0	0	34	30	
Total number of hours per semester (year):		286	174						112						
Number of examinations:		4	3						1						

Major: Management and production engineering

Specialization: Information Technologies in Production Engineering

Full time

Recruitment: 2009

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Main subjects															
1	Machines engineering - designing	45	30			15		5							Grade
2	Machines engineering - manufacturing	60	45		15			7							Exam (1)
3	Foreign language	60		30				2		30				2	Grade
4	Computer aided design (CAD)	45	15		30			4							Grade
5	Forecasting and simulation in enterprise	60	30		30			6							Exam (1)
6	Systems of decision support and knowledge management	45	30				15	6							Exam (1)
7	Machines engineering - operation	30							30					3	Grade
8	Computer aided manufacturing (CAM)	45							15		30			5	Grade
9	Organisation of production systems	45							30			15		6	Exam (2)
10	Engineering-managerial transitional thesis	90										90		8	Grade
11	Management of project and innovations	45							30			15		6	Exam (2)
Total number of hours:			150	30	75	15	15		105	30	30	120	0		
Total number of hours per semester (year)/ECTS:		570	285					30	285					30	
Number of examinations:		5	3						2						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management and production engineering**Specialization: Information Technologies in Production Engineering****Full time****Recruitment: 2009****Year II**

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Main subjects															
1	Integrated systems of management	45	30		15			5							Exam (3)
2	Strategic management	45	30				15	5							Exam (3)
3	Optional subject	60	15				15	3	15				15	2	Grade
Total number of hours/ECTS:		150	75	0	15	0	30	13	15	0	0	0	15		2
Subjects for speciality															
1	Intelligent optimization methods	60	30			30		8							Grade
2	Computer aided organization of production I	60	30		30			8							Exam (3)
3	Diploma seminar	45					15	1					30	2	Grade
4	Computer aided organization of production II	45							15				30	3	Exam (4)
5	Optional subject (for speciality)	30							15				15	1	Grade
6	Information systems in production management	45							15			30		2	Grade
7	Master's thesis													20	Grade
Total number of hours/ECTS:		285	60	0	30	30	15	17	45	0	0	30	75	28	
Total number of hours/ECTS:			135	0	45	30	45	30	60	0	0	30	90	30	
Total number of hours per semester (year):		435	255						180						
Number of examinations:		4	3						1						

Major: Management and production engineering

Specialization: Information Technologies in Production Engineering

extramural

Recruitment: 2009

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Main subjects																
1	Machines engineering - designing	28	14			14		5								Grade
2	Machines engineering - manufacturing	36	20		16			7								Exam (1)
3	Foreign language	36		18				2		18					2	Grade
4	Computer aided design (CAD)	28	14		14			4								Grade
5	Forecasting and simulation in enterprise	36	20		16			6								Exam (1)
6	Systems of decision support and knowledge management	28	14				14	6								Exam (1)
7	Machines engineering - operation	20							20						3	Grade
8	Computer aided manufacturing (CAM)	28							14		14				5	Grade
9	Organisation of production systems	28							14			14			6	Exam (2)
10	Engineering-managerial transitional thesis	60										60			8	Grade
11	Management of project and innovations	28							14			14			6	Exam (2)
Total number of hours:			82	18	46	14	14		62	18	14	88	0			
Total number of hours per semester (year)/ECTS:		356	174					30	182					30		
Number of examinations:		5	3						2							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management and production engineering

Specialization: Information Technologies in Production Engineering

extramural

Recruitment: 2009

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Main subjects															
1	Integrated systems of management	28	14		14			5							Exam (3)
2	Strategic management	28	14				14	5							Exam (3)
3	Optional subject	40	10				10	3	10				10	2	Grade
Total number of hours/ECTS:		96	38	0	14	0	24	13	10	0	0	0	10	2	
Subjects for speciality															
1	Intelligent optimization methods	40	20			20		8							Grade
2	Computer aided organization of production I	36	20		16			8							Exam (3)
3	Diploma seminar	38					14	1					24	2	Grade
4	Computer aided organization of production II	28							14				14	3	Exam (4)
5	Optional subject (for speciality)	20							10				10	1	Grade
6	Information systems in production management	28							14			14		2	Grade
7	Master's thesis													20	Grade
Total number of hours/ECTS:		190	40	0	16	20	14	17	38	0	0	14	48	28	
Total number of hours/ECTS:			78	0	30	20	38	30	48	0	0	14	58	30	
Total number of hours per semester (year):		286	166						120						
Number of examinations:		4	3						1						

Major: Management and production engineering

Specialization: Safety

Recruitment: 2009

Full time

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit
			lc	c	lb	p	s		lc	c	lb	p	s		
Main subjects															
1	Machines engineering - designing	45	30			15		5							Grade
2	Machines engineering - manufacturing	60	45		15			7							Exam (1)
3	Foreign language	60		30				2		30				2	Grade
4	Computer aided design (CAD)	45	15		30			4							Grade
5	Forecasting and simulation in enterprise	60	30		30			6							Exam (1)
6	Systems of decision support and knowledge management	45	30				15	6							Exam (1)
7	Machines engineering - operation	30							30					3	Grade
8	Computer aided manufacturing (CAM)	45							15		30			5	Grade
9	Organisation of production systems	45							30			15		6	Exam (2)
10	Engineering-managerial transitional thesis	90										90		8	Grade
11	Management of project and innovations	45							30			15		6	Exam (2)
Total number of hours:			150	30	75	15	15		105	30	30	120	0		
Total number of hours per semester (year)/ECTS:		570	285					30	285					30	
Number of examinations:		5	3						2						

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management and production engineering

Specialization: Safety

Recruitment: 2009

Full time

Year II

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Main subjects																
1	Integrated systems of management	45	30		15			5								Exam (3)
2	Strategic management	45	30				15	5								Exam (3)
3	Optional subject	60	15				15	3	15				15	2		Grade
Total number of hours/ECTS:		150	75	0	15	0	30	13	15	0	0	0	15	2		
Subjects for speciality																
1	Designing of safety systems	45	15	15		15		5								Grade
2	Diploma seminar	45					15	1					30	2		Grade
3	Contemporary problems of safety	45	15	30				5								Grade
4	Biological hazards in the work environment	60	30				30	6								Exam (3)
5	Technical safety of machines and devices	30							15	15				2		Grade
6	Physical and chemical hazards in the work environment	60							30				30	4		Exam (4)
7	Master's thesis													20		Grade
Total number of hours/ECTS:		285	60	45	0	15	45	17	45	15	0	0	60	28		
Total number of hours/ECTS:			135	45	15	15	75	30	60	15	0	0	75	30		
Total number of hours per semester (year):		435	285						150							
Number of examinations:		4	3						1							

Major: Management and production engineering

Specialization: Safety

extramural

Recruitment: 2009

Year I

No.	Name of subject	Number of hours	Semester 1					ECTS	Semester 2					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Main subjects																
1	Machines engineering - designing	28	14			14		5							Grade	
2	Machines engineering - manufacturing	36	20		16			7							Exam (1)	
3	Foreign language	36		18				2		18				2	Grade	
4	Computer aided design (CAD)	28	14		14			4							Grade	
5	Forecasting and simulation in enterprise	36	20		16			6							Exam (1)	
6	Systems of decision support and knowledge management	28	14				14	6							Exam (1)	
7	Machines engineering - operation	20							20					3	Grade	
8	Computer aided manufacturing (CAM)	28							14		14			5	Grade	
9	Organisation of production systems	28							14			14		6	Exam (2)	
10	Engineering-managerial transitional thesis	60										60		8	Grade	
11	Management of project and innovations	28							14			14		6	Exam (2)	
Total number of hours:			82	18	46	14	14		62	18	14	88	0			
Total number of hours per semester (year)/ECTS:		356	174					30	182					30		
Number of examinations:		5	3						2							

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management and production engineering**Specialization: Safety****Recruitment: 2009****extramural****Year II**

No.	Name of subject	Number of hours	Semester 3					ECTS	Semester 4					ECTS	Form of credit	
			lc	c	lb	p	s		lc	c	lb	p	s			
Main subjects																
1	Integrated systems of management	28	14		14			5								Exam (3)
2	Strategic management	28	14				14	5								Exam (3)
3	Optional subject	40	10				10	3	10					10	2	Grade
Total number of hours/ECTS:		96	38	0	14	0	24	13	10	0	0	0	10	2		
Subjects for speciality																
1	Designing of safety systems	30	10	10		10		5								Grade
2	Diploma seminar	38					14	1						24	2	Grade
3	Contemporary problems of safety	28	14	14				5								Grade
4	Biological hazards in the work environment	34	20				14	6								Exam (3)
5	Technical safety of machines and devices	20							10	10					2	Grade
6	Physical and chemical hazards in the work environment	40							20					20	4	Exam (4)
7	Master's thesis														20	Grade
Total number of hours/ECTS:		190	44	24	0	10	28	17	30	10	0	0	44	28		
Total number of hours/ECTS:			82	24	14	10	52	30	40	10	0	0	54	30		
Total number of hours per semester (year):		286	182						104							
Number of examinations:		4	3						1							

ECTS credits
5

1. Course name

Engineering of machines - design

2. Course description

- The design - structural process and his structure. Principles of constructing machines and devices.
- Assisting methods of seeking of the conception the solution – inspection.
- Of the method of estimation and choice of variants of the solution.
- Chosen elements from the field of designing industrial forms.
- Connections – rule of operation of calculating and structural
 - Riveted
 - Welded, welded and glued together
 - Threaded
- Motion basic components
 - Axes and shafts
 - Planting wheels on shafts – connections drive, wedge-shaped, inlet itp.
 - Sliding and rolling bearings
- Transmission gears: rule of operation basic relations, examples of the construction
 - Toothed gear transmissions, friction: walcowe and conic sections
 - Belt and chain transmission gears
- Clutches and brakes
- Arrangements of the drive and plumbing and air steering
- Principles of the selection of working agreements driving and of steering
- Issues technology of structure

3. Prerequisites

The basic knowledge and abilities from material science, mechanics and endurance of materials, fluid mechanics and thermodynamics, engineering graphics and machine orientation.

4. Aim of the course

Acquisition of basic knowledge about the process of design and construction of machines and devices, and design methodology of selected machines and their complexes. The acquisition of the skills of designing simple mechanical systems - engineering complex.

5. Literature

- Tarnowski W.: *Podstawy projektowania technicznego*. WNT. Warszawa 1997
- Osiński Z., Bajon W., Szucki T.: *Podstawy konstrukcji maszyn*. PWN 1978
- Branowski B.(red): *Wprowadzenie do projektowania*. Wyd Nauk. PWN. Warszawa 1998
- Ashby F.M.: *Dobór materiałów w projektowaniu inżynierskim*. WNT Warszawa 1998
- Poradnik Inżyniera Mechanika T. II Zagadnienia konstrukcyjne*. WNT. Warszawa 1970
- Praca zbiorowa. Konstrukcja przyrządów i urządzeń precyzyjnych*. WNT. Warszawa 1996
- Skorbiński M.: *Technologiczność konstrukcji maszyn*. WNT Warszawa 1977

6. Type of course: Compulsory

7. Teaching team: Department of Production Engineering and Logistics

8. Course structure:

Form	Number of hours	Semestr	year
Lecture	30/14	I	1
Classes			
Laboratory			
Project	15/14	I	1
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance

Exercises: realization of topics on classes and of home works, written final test e.g. picture of the set object

10. Language

Polish

ECTS credits
7

1. Course name

Engineering of machines - production

2. Course description

1. Production process and technological and mislaid it. Structural documentation but technological documentation
2. Kinds of semi-finished products and their selection
3. Casting technologies
4. Technologies of plastic processing of metals
5. Welding technologies
6. Bases of processing ubytkowej – with machining
7. Processing on lathes
8. Processing on lathes
9. Processing on drills and boring and milling machine
10. Processing on planers
11. Processing on grinders and exhausting processing
12. Other kinds of the technology of processing of metals: electroerosion, electrochemical, with stream of liquid etc.
13. Bases of the production of the machinery part of non-metallic materials
14. Technological process of the assembly
15. The mechanization and the automation of the assembly

3. Prerequisites

Material science, machine orientation, durability of materials

4. Aim of the course

Getting the rudimentary knowledge about technologies applied in the contemporary industry of machines and devices. Taking control of basic skills of the identification of processes associated with producing the identifiable component or the machine team

5. Literature

1. Żebrowski H.(red) : *Techniki wytwarzania. Obróbka wiórowa, ścierna i erozyjna*. Oficyna Wydawnicza Politechniki Wrocławskiej. Wrocław 2004
2. Łunarski J., Szabajkiewicz W.: *Automatyzacja procesów technologicznych montażu maszyn*. WNT. Warszawa 1993.
3. Feld M.: *Podstawy projektowania procesów technologicznych typowych części maszyn*. WNT. Warszawa 2003
4. *Poradnik Inżyniera Mechanika Tom 3, Zagadnienia technologiczne*. WNT. Warszawa 1970.
5. Erbl J.(red): *Encyklopedia technik wytwarzania w przemyśle maszynowym Tom I i II*. Wydawnictwo Politechniki Warszawskiej 1982
6. Puff T. i Sołtys W.: *Podstawy technologii montażu maszyn i urządzeń*. WNT 1980.
7. *Praca zbiorowa. Podstawowe techniki wytwarzania w przemyśle maszynowym*. WNT. Warszawa 1985.

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics.

8. Course structure

Form	Number of hours	Semester	year
Lecture	45/20	I	1
Classes			
Laboratory			
Project	15/16	I	1
Seminar			
Total student's workload	210		

9. Conditions of the course acceptance:

lecture – written exam

10. Language:

Polish

			ECTS credits
			2
1. Course name			
English			
2. Course description			
<u>Thematic scope of the course:</u>			
1. Autopresentation , telling about yourself in the professional context, about your future career ambitions, interests, contemporary world./ 2 hours			
2. Earning a Living. / 4hours			
2.1 Wages and living standards.			
2.2 Job roles and types- agriculture, industry, services.			
2.3 Applying for a job. Job interviews. Employer/ employee relationships.			
3. Business correspondence. Practicing writing business letters/ 4 hours			
4. Production and Sale of Goods and Services. / 4 hours			
4.1 Distribution: origin and destination of product.			
4.2 Retail and wholesale outlets: competition between small shops and supermarkets.			
4.3 New markets and products. Quality and customer service.			
5. Business correspondence. Practicing writing internal reports / 4 hours			
6. Exam task. Business-related text comprehension (On the basis of the material of LCCI Examinations Board, <i>How to Pass English for Business Third Level</i>)/4 hours			
7. International Trade. / 4 hours			
7.1 Description of imports/exports.			
7.2 Changes in international markets.			
7.3 Economic problems in developing countries. Trade blocks e.g. EU, ASEAN, NAFTA.			
8. Money. / 4 hours			
8.1 Methods of paying/ purchasing.			
8.2 Inflation and price changes.			
8.3 Banking services. Savings and investment.			
3. Prerequisites			
none			
4. Aim of the course			
Acquisition of language abilities at one of the levels (preliminary, level 1, level 2, level 3), (depends on the language competence exam results), needed in the cooperation with foreign business partners in the field of Business English taking into account preparation and practice for LCCI English for Business exams (preliminary, level 1, level 2, level 3).			
5. Literature			
1. <i>How to Pass English for Business Third Level</i> . The Official LCCI Examinations Board Guide.			
2. Trappe, T., G. Tullis and Ch. Johnson. 2005. <i>Intelligent Business Intermediate</i> . Longman.			
3. Sweeney, S. 2000. Business English. <i>Marketing</i> . Longman.			
4. Flinders, S. 2000. Business English. <i>Intermediate</i> . Longman.			
5. McKellen, J.S. 2000. Business English. <i>General Usage</i> . Longman.			
6. Viney, P. and K. Viney. 1997. <i>Handshake. A Course In Communication</i> . Oxford University Press.			
7. Comfort, J. 1995. <i>Speaking Effectively</i> . Cambridge University Press.			
6. Type of course: Obligatory			
7. Teaching team : Department of Accountancy, Finance and Quantitative Methods.			
8. Course structure			
Form	Number of hours	Semester	year
Lecture			
Classes	30	I	1
Laboratory			
Project			
Seminar			
Total student's workload	60		
9. Conditions of the course acceptance: written test			
10. Language: Polish			

ECTS credits
2

1. Course name

English

2. Course description

Thematic scope of the course:

1. Transport / 4 hours
 - 1.1 Types of transport in Poland
 - 1.2 Transport for the individual versus transport for commerce and industry
 - 1.3 Local infrastructure for: road, rail, sea and air transport
2. Basic reading comprehension: business-related text and data conversion and reformulation/4 hours.
(On the basis of LCCI Examinations Board materials, *How to Pass English for Business Third Level*)
3. Communications/4 hours
 - 3.1 Media: TV, newspapers, Internet, advertising
 - 3.2 Information Technology: computers
 - 3.3 Communications: telephone, fax, e-mail
4. Business correspondence: letter writing practice/ 4 hours
5. Education / 4 hours
 - 5.1 Personal education
 - 5.2 The education system
 - 5.3 Training and skills
6. Travel and Tourism/ 4 hours
 - 6.1 The importance of travel to the individual
 - 6.2 Tourism and the local area
 - 6.3 Tourism in a nation's economy
7. Revision Practice before final written and oral examination/6 hours

3. Prerequisites none

4. Aim of the course

Acquisition of language abilities at one of the levels (preliminary, level 1, level 2, level 3), (depends on the language competence exam results), needed in the cooperation with foreign business partners in the field of Business English taking into account preparation and practice for LCCI English for Business exams (preliminary, level 1, level 2, level 3).

5. Literature

8. *How to Pass English for Business Third Level*. The Official LCCI Examinations Board Guide.
9. Trappe, T., G. Tullis and Ch. Johnson. 2005. *Intelligent Business Intermediate*. Longman.
10. Sweeney, S. 2000. Business English. *Marketing*. Longman.
11. Flinders, S. 2000. Business English. *Intermediate*. Longman.
12. McKellen, J.S. 2000. Business English. *General Usage*. Longman.
13. Viney, P. and K. Viney. 1997. *Handshake. A Course In Communication*. Oxford University Press.
14. Comfort, J. 1995. *Speaking Effectively*. Cambridge University Press.

6. Type of course Obligatory

7. Teaching team Department of Accountancy, Finance and Quantitative Methods.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	II	1
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

written test

10. Language:

Polish

ECTS credits
2

1. Course name

French

2. Course description

Thematic scope of the course:

- hosting French delegation: dialogues at the train station, in a taxi, at the hotel
- information exchange by fax, eg appointing the date of a meeting
- discussing a public survey
- introducing oneself / introducing a guest to other people
- writing a business card, giving a business card to other people
- making appointment for a business meeting
- showing the way, providing a guided tour in the company
- national holiday, church holiday and other bank holiday in France and Poland
- introducing the company: the history, activity, legal form, business sector
- request for connecting with a selected department in a company/connecting the client with an appropriate office
- personal employment history, education
- Job interview
- Job advertisement
- writing a CV and cover letter

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2; depends on the language competence exam results), Describing selected professional situations, comparing, discussing survey results, analyzing tables, charts, statistics, providing main information presented in professional texts, presenting individual opinion and argumenting it. Acquisition of language skills needed in the cooperation with foreign business partners in the field of General English as well as preparing the candidates for TELC language examination (at appropriate level)

5. Literature

1. J.Delcos, B.Leclercq, M.Suvanto, Carte de visite, Français des relations Professionnelles, Didier, Paris, 2000
2. M. Danilo, J.L. Penfornis, Le français de la communication professionnelle, CLE international, Paris, 1993
3. O. Grand, C. Mikles, La correspondance personnelle, administrative et commerciale, CLE international, Paris, 1991
4. R. Lescure i inni, DELF 450 activités, Le nouvel entraînez-vous, CLE international, 2001

6. Type of course

Obligatory

7. Teaching team

Department of Sociology and Social Communication.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	I	1
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

written test

10. Language:

Polish

ECTS credits

2

1. Course name

French

2. Course description

Thematic scope of the course:

- Business invitation to a restaurant (in a letter or a phone call)
- “Savoir a vivre” at the table, indicating seating places to the guests, reacting to news, providing information about eating habits
- analysis of graph data, describing a graph (demography, economy, consumption, trade)
- selling a product and trade fair service: presentation, giving opinion, providing precise information about the product or service
- telephone or mail contact with a business partner: enquiry, request, offer
- formal elements of a business letter
- salutation and closing formula in private and business correspondence
- selected forms of commercial correspondence
- filling in a form, phrases typical for forms
- names of goods and services

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2; depends on the language competence exam results), Describing selected professional situations, comparing, discussing survey results, analyzing tables, charts, statistics, providing main information presented in professional texts, presenting individual opinion and argumenting it. Acquisition of language skills needed in the cooperation with foreign business partners in the field of General English as well as preparing the candidates for TELC language examination (at appropriate level)

5. Literature

5. J.Delcos, B.Leclercq, M.Suvanto, Carte de visite, Français des relations Professionnelles, Didier, Paris, 2000
6. M. Danilo, J.L. Penfornis, Le français de la communication professionnelle, CLE international, Paris, 1993
7. O. Grand, C. Mikles, La correspondance personnelle, administrative et commerciale, CLE international, Paris, 1991
8. R. Lescure i inni, DELF 450 activités, Le nouvel entraînez-vous, CLE international, 2001

6. Type of course

Obligatory

7. Teaching team

Department of Sociology and Social Communication.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	II	1
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

written test

10. Language:

Polish

ECTS credits
2

1. Course name

German

2. Course description

Thematic scope of the course:

- hosting German delegation: dialogues at the train station, in a taxi, at the hotel
- information exchange by fax, eg appointing the date of a meeting
- discussing a public survey
- introducing oneself / introducing a guest to other people
- writing a business card, giving a business card to other people
- making appointment for a business meeting
- showing the way, providing a guided tour in the company
- national holiday, church holiday and other bank holiday in Germany and Poland
- introducing the company: the history, activity, legal form, business sector
- request for connecting with a selected department in a company/connecting the client with an appropriate office
- personal employment history, education
- Job interview
- Job advertisement
- writing a CV and cover letter

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2; depends on the language competence exam results), Describing selected professional situations, comparing, discussing survey results, analyzing tables, charts, statistics, providing main information presented in professional texts, presenting individual opinion and argumenting it. Acquisition of language skills needed in the cooperation with foreign business partners in the field of General English as well as preparing the candidates for TELC language examination (at appropriate level)

5. Literature

9. Kos J., Białek E.: *Niemiecki jako język biznesu. Vademecum z wzorami zdań i listów*, „Mit Yertrag zum Erfolg"

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	I	1
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

written test

10. Language:

Polish

ECTS credits
2

1. Course name

German

2. Course description

Thematic scope of the course:

- Business invitation to a restaurant (in a letter or a phone call)
- “Savoir a vivre” at the table, indicating seating places to the guests, reacting to news, providing information about eating habits
- analysis of graph data, describing a graph (demography, economy, consumption, trade)
- selling a product and trade fair service: presentation, giving opinion, providing precise information about the product or service
- telephone or mail contact with a business partner: enquiry, request, offer
- formal elements of a business letter
- salutation and closing formula in private and business correspondence
- selected forms of commercial correspondence
- filling in a form, phrases typical for forms
- names of goods and services

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2; depends on the language competence exam results), Describing selected professional situations, comparing, discussing survey results, analyzing tables, charts, statistics, providing main information presented in professional texts, presenting individual opinion and argumenting it. Acquisition of language skills needed in the cooperation with foreign business partners in the field of General English as well as preparing the candidates for TELC language examination (at appropriate level)

5. Literature

10. Kos J., Białek E.: *Niemiecki jako język biznesu. Vademecum z wzorami zdań i listów*, „Mit Yertrag zum Erfolg”

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	II	1
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

written test

10. Language:

Polish

ECTS credits
2

1. Course name

Russian

2. Course description

Thematic scope of the course:

- hosting Russian delegation: dialogues at the train station, in a taxi, at the hotel
- information exchange by fax, eg appointing the date of a meeting
- discussing a public survey
- introducing oneself / introducing a guest to other people
- writing a business card, giving a business card to other people
- making appointment for a business meeting
- showing the way, providing a guided tour in the company
- national holiday, church holiday and other bank holiday in Russia and Poland
- introducing the company: the history, activity, legal form, business sector
- request for connecting with a selected department in a company/connecting the client with an appropriate office
- personal employment history, education
- Job interview
- Job advertisement
- writing a CV and cover letter

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2; depends on the language competence exam results), Describing selected professional situations, comparing, discussing survey results, analyzing tables, charts, statistics, providing main information presented in professional texts, presenting individual opinion and argumenting it. Acquisition of language skills needed in the cooperation with foreign business partners in the field of General English as well as preparing the candidates for TELC language examination (at appropriate level)

5. Literature

11. Anna Pado, *Start. Ru. Język rosyjski dla początkujących*, 1, Wyd. Szkolne i Pedag., Warszawa 2006
12. Anna Pado, *Start. Ru. Język rosyjski dla średnio zaawansowanych*, 2, Wyd. Szkolne i Pedag., Warszawa 2006
13. Ałła Rodimkina, Zoya Rile, Nil Landsman, *Rossija siegodnia. Teksty i upraźnienija*, wyd. Rea., Warszawa 2003
14. Czasopismo „Europa. Ru”

6. Type of course

Obligatory

7. Teaching team

Department of Networks, Electronics and Telecommunication.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	I	1
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

written test

10. Language:

Polish

ECTS credits
2

1. Course name

Russian

2. Course description

Thematic scope of the course:

- Business invitation to a restaurant (in a letter or a phone call)
- “Savoir a vivre” at the table, indicating seating places to the guests, reacting to news, providing information about eating habits
- analysis of graph data, describing a graph (demography, economy, consumption, trade)
- selling a product and trade fair service: presentation, giving opinion, providing precise information about the product or service
- telephone or mail contact with a business partner: enquiry, request, offer
- formal elements of a business letter
- salutation and closing formula in private and business correspondence
- selected forms of commercial correspondence
- filling in a form, phrases typical for forms
- names of goods and services

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2; depends on the language competence exam results), Describing selected professional situations, comparing, discussing survey results, analyzing tables, charts, statistics, providing main information presented in professional texts, presenting individual opinion and argumenting it. Acquisition of language skills needed in the cooperation with foreign business partners in the field of General English as well as preparing the candidates for TELC language examination (at appropriate level)

5. Literature

15. Anna Pado, *Start. Ru. Język rosyjski dla początkujących*, 1, Wyd. Szkolne i Pedagog., Warszawa 2006
16. Anna Pado, *Start. Ru. Język rosyjski dla średnio zaawansowanych*, 2, Wyd. Szkolne i Pedagog., Warszawa 2006
17. Алла Родимкина, Зоя Риле, Нил Ландсман, *Россија сегодня. Тексты и упражнения*, wyd. Rea., Warszawa 2003
18. Czasopismo „Europa. Ru”

6. Type of course

Obligatory

7. Teaching team

Department of Networks, Electronics and Telecommunication.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	II	1
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

written test

10. Language:

Polish

ECTS credits
4

1. Course name

Computer Aided Design - CAD

2. Course description

Lecture

1. Historical outline of the development of CAD/CAM systems.
2. Methods of representation of an engineering design.
3. Geometric constructions.
4. Methods of description of CAD 3D models in CAD systems.
5. Views, cross-sections and revolved sections, dimensioning.
6. Dimensional, geometrical and positional tolerances, as well as the principles of determining surface roughness.
7. Drawing joints.
8. Methods of modelling products.

Classes

The classes include practical exercises in solid modelling of geometry of machine parts in a CAD 3D system, assigning parameters and dimensions to the parts being designed, creating assemblies basing on previously modelled parts, and preparing 2D documentation.

3. Prerequisites

Getting credit for the subject “Computer-aided engineering work - CAM/CAD”

4. Aim of the course

The course aims at familiarizing students with the most recent CAD software for modelling 2D and 3D geometry, creating assemblies from previously designed components, and preparing 2D documentation for the designed machine parts. Basic problems connected with generating tool paths for NC machine tools will be presented. Procedure of defining a machining process on the example of 2D milling and drilling will be discussed.

5. Literature

1. Dobrzański T.: Rysunek techniczny maszynowy. Warszawa: WNT 2000
2. Zbiór Polskich Norm (PN) dotyczących rysunku technicznego, rysunku maszynowego i rysunku chemicznego. Warszawa: Polski Komitet Normalizacyjny

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/14	I	1
Classes			
Laboratory	30/14	I	1
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance

Test, marks from individual classes

10. Language

Polish

ECTS credits
4

1. Course name

Computer Aided Design - CAD

2. Course description

Lecture

9. Historical outline of the development of CAD/CAM systems.
10. Methods of representation of an engineering design.
11. Geometric constructions.
12. Methods of description of CAD 3D models in CAD systems.
13. Views, cross-sections and revolved sections, dimensioning.
14. Dimensional, geometrical and positional tolerances, as well as the principles of determining surface roughness.
15. Drawing joints.
16. Methods of modelling products.

Classes

The classes include practical exercises in solid modelling of geometry of machine parts in a CAD 3D system, assigning parameters and dimensions to the parts being designed, creating assemblies basing on previously modelled parts, and preparing 2D documentation.

3. Prerequisites

Getting credit for the subject “Computer-aided engineering work - CAM/CAD”

4. Aim of the course

The course aims at familiarizing students with the most recent CAD software for modelling 2D and 3D geometry, creating assemblies from previously designed components, and preparing 2D documentation for the designed machine parts. Basic problems connected with generating tool paths for NC machine tools will be presented. Procedure of defining a machining process on the example of 2D milling and drilling will be discussed.

5. Literature

3. Dobrzański T.: Rysunek techniczny maszynowy. Warszawa: WNT 2000
4. Zbiór Polskich Norm (PN) dotyczących rysunku technicznego, rysunku maszynowego i rysunku chemicznego. Warszawa: Polski Komitet Normalizacyjny

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/14	I	1
Classes			
Laboratory	30/14	I	1
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance

Test, marks from individual classes

10. Language

Polish

ECTS credits
6

1. Course name

Forecasting and simulation in an enterprise

2. Course description

Lecture

1. The role and possibilities of forecasting in an enterprise.
2. Prognostic data and their analysis.
3. Classification and characteristics of forecasting methods.
4. IT systems in enterprise forecasting.
5. Characteristics of simulation methods and tools.

Classes

During the classes, students will learn in practice about methods of forecasting discussed during lectures.

3. Prerequisites

None

4. Aim of the course

Familiarizing with possibilities of enterprise forecasting.

5. Literature

1. Dittmann P., Prognozowanie w przedsiębiorstwie, Oficyna Wydawnicza, Kraków, 2003,
2. Gajda J., Prognozowanie i symulacja a decyzje gospodarcze, Wydawnictwo C.H.Beck, Warszawa 2001,

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/20	I	1
Classes			
Laboratory	30/16	I	1
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance

Laboratory - test, marks from individual classes; lecture – written exam

10. Language

Polish

ECTS credits
6

1. Course name

Decision - aiding systems and knowledge management systems

2. Course description

Lecture

1. The core and structure of decision making process. Levels of making decision in organizations
2. Definition, functions and structure of decision aiding systems
3. Database for decision aiding system
4. Designing of decision aiding system
5. Techniques, tools and methods, used in decision aiding systems
6. Decision aiding systems and knowledge management
7. The core and aims of knowledge management in organization. Types of knowledge resources in organization
8. The structure of knowledge management process. Levels of knowledge management in organization.
9. Designing of knowledge management system.
 - a. Winning of knowledge
 - b. Recording and verification of knowledgebase
 - c. Knowledge measurement .
10. Implementation and use of knowledge management system in an organization.

Classes

1. Designing of knowledge management system.
2. Designing of decision-aiding systems
3. Knowledge measurement .

3. Prerequisites

To pass the subject: Basics of management

4. Aim of the course

The aim of the subject is introducing of scope of knowledge management and decision-aiding systems as well as methods and techniques used in these areas of organization management. Furthermore the will be introduced development of abilities in designing of knowledge management systems and decision making processes, which use proper techniques and tools .

5. Literature

1. Flakiewicz W. Systemy informacyjne w zarządzaniu. Uwarunkowania, technologie, rodzaje. Wyd. C.H.Beck, Warszawa 2002
2. Kowalczyk A., Nogalski B. Zarządzanie wiedzą. Koncepcja i narzędzia. Wyd. Difin, Warszawa 2007
3. Morawski M.. Zarządzanie wiedzą. Organizacja – system - pracownik . Wydawnictwo Akademii Ekonomicznej we Wrocławiu 2006

6. Type of course

Obligatory

7. Teaching team

Department of Sciences on Enterprise and Marketing

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/14	I	1
Classes			
Laboratory			
Project			
Seminar	15/14	I	1
Total student's workload	180		

9. Conditions of the course acceptance

Test, project; written exam

10. Language

Polish

ECTS credits
3

1. Course name

Engineering of machines - exploitation

2. Course description

1. Problems of exploitation consuming materials
 - a. Endurance tiredness. Brittle cracking.
 - b. The friction and his kinds: wear and tear tribologiczne and erosional.
 - c. Corrosion wear and tear and kawitacyjne
2. The exploitation but the use
 - a. The definition of the exploitation and uses
 - b. The learning but the exploitation of technical buildings – of machines
3. Reliability of technical devices – of machines
 - a. Comprehending the reliability. Characteristics of the reliability of the machine.
 - b. The theory of the reliability, structures of the reliability and methods of estimating parameters of the reliability
 - c. Damage and survey methods of the reliability of technical buildings
 - d. Providing with the reliability rating
4. Technical diagnostics
 - a. Methods and techniques of diagnostics
 - b. Places and the role of diagnostics in the work of a machine and of machine systems
 - c. Computer systems of diagnosticses of machines and devices
5. Monitoring
 - a. System structure of the monitoring
 - b. The task and functions of the monitoring system
 - c. Examples of monitoring machines and the production lines

3. Prerequisites

Basic knowledge in mathematical statistics, material science and engineering of machines – designing and producing.

4. Aim of the course

Getting the basic knowledge about the process of the exploitation, inducers wearing out of elements and assemblies of machinery and about ways of diagnostics and monitoring. Purchasing of basic abilities analysing both identifying causes of the failure of machines and devices

5. Bibliography

1. Lawrowski Z.: *Tribologia – tarcie zużycie i smarowanie*. Wyd. Naukowe PWN Warszawa 1993.
2. Warszński M.: *Niezawodność w obliczeniach konstrukcyjnych*. PWN, Warszawa. 1994
3. Dietrich M. (red): *Podstawy konstrukcji maszyn Tom I*. PWN Warszawa 1986
4. Murzewski J.: *Niezawodność konstrukcji inżynierskich*. Arkady Warszawa 1989
5. Przychodzień T.(red): *Eksplotacja maszyn roboczych w warunkach zimowych*. WNT. Warszawa 1990.
6. Kubiński W.: *Wprowadzenie do techniki. Rola i miejsce techniki w gospodarce oraz życiu społecznym*.
7. Babiarz S., Dudek D. *Kronika awarii i katastrof maszyn podstawowych w polskim górnictwie odkrywkowym*. Oficyna Wydawnicza Politechniki Wrocławskiej 2007.

6. Character of the subject Compulsory

7. Teaching team Department of Production Engineering and Logistics.

8. Course structure:

Form	Number of hours	Semester	year
Lecture	30/20	II	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance Lecture run in the classic way with a large stake of visual means. Certain parts of material for independent drawing up by students

10. Lecture tongue Polish

ECTS credits
5

1. Course name

Computer Aided Manufacturing (CAM)

2. Course description

Lecture

Thematic scope:

1. Review of NC machine tools and control systems
2. Structure of a NC program, interpolations
3. Machining cycles, correction of a tool, methods of geometric modelling, modelling of assumptions, data exchange.
4. Paths of tools for NC machine tools.
5. Machining operations (drilling, milling, etc.).
6. Modelling of post-processes.
7. Designing and optimising manufacturing processes.

Classes

Preparing a drawing for the CAM module, generating a tool path for NC machine tools, generating a NC program basing on CLDATA data obtained in CAM software. Within learning about CAM systems, the milling and turning modules will be presented. In addition, participants in the classes will familiarize themselves with the post-processor generation module. The classes will be conducted with the use of CAD/CAM systems.

3. Prerequisites

Getting credit for the subject "Computer-aided engineering work - CAM/CAD"

4. Aim of the course

The classes aim at familiarizing students with CAD/CAM/CIM techniques used in the machine building industry. The students will learn about basic options of CAD/CAM systems. Problems connected with data exchange between different systems will be presented.

5. Literature

1. Instrukcje laboratoryjne
2. Micielica M., Wiśniewski W.: „Komputerowe wspomaganie projektowania procesów technologicznych”, PWN Warszawa, 2005
3. Grzesik W., Niesłony P., Bartoszek M.: „Programowanie obrabiarek NC/CNC”, WNT Warszawa, 2006

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/14	II	1
Classes			
Laboratory	30/14	II	1
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance

Test, marks from individual classes

10. Language

Polish

ECTS credits
6

1. Course name

Organization of Production Systems

2. Course description

Lecture

1. Introduction to design of modern production systems (goals and principles of design, methodology of design of manufacturing systems)
2. Conditionings of organizing of production systems (organization of production to stock, on order, specifics of design of mass, serial and single-unit production)
3. Constructional preparation of production (procedure of product design, descriptions of product structure)
4. Technological preparation of production (procedure of technical preparation of production, descriptions of processing and treatments, descriptions of resources)
5. Designing production structure (meaning and principles of production structure design, organizing technological and objective structures)
6. Design of production layout
7. Organizing of production timing (procedure for single processes timing, planning of recurring processes – scheduling)
8. Modelling and simulation of production systems (principles and procedures of simulation of production)
9. Future concepts of organization of production systems (agile production, mass customization)

3. Prerequisites

Introduction to Production Management

4. Aim of the course

- knowledge: principles, procedures and methods of production management
- skills: design of organizations and productions systems

5. Literature

1. Pająk E. Zarządzanie produkcją. Produkt, technologia, organizacja. PWN, Warszawa, 2006.
2. Organizacja i sterowanie produkcją. Projektowanie systemów produkcyjnych i procesów sterowania produkcją. Placet, Warszawa, 2002.

6. Type of course

Obligatory

7. Teaching team

Department of Economics and Management.

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/14	II	1
Classes			
Laboratory			
Project	15/14	II	1
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance

Tests, projects, examinations

10. Language

Polish

ECTS credits
8

1. Course name

Transitional work engineering-managerial – overview

2. Course description

Two semester transitional work grasping connected issues into the comprehensive way with creating the idea of a product, design, choice of technology of producing it in conditions of an determined industrial plant and settling of it on the market. The project will be carried out in little 4 ÷ 5 personal groups under direction of the specialist staff in designing and constructing, production engineering and industrial engineering, marketing and financial area, with the possible participation of representatives of industrial plants. In the first part lead in the form of a mini lecture about an object (machines, devices, infrastructures) of the design being an object and procedures (of principles) of designing it. It should be illustrated with examples and auxiliary materials (folders, guides, catalogues, web pages). Time c 10 – 12 In the second part analysis of production and technological possibilities is predicted for a chosen plant- of a future producer, drawing the marketing product idea up, the market research and drawing the preliminary design of the machine up or devices, of team, of sub-assembly. The third part of the comprehensive project of production: developing the machine, the device, the team or the sub-assembly: drawing the technical design up in the form of the technical documentation, drawing the production engineering up with drawing documentation of the process of producing, in this assembly. The next stage should constitute drawing up the research program and receiving requirements. For conditions of an determined industrial plant and the possible level of production appointed from market researches one should conduct financial requirements. Further proceedings contain drawing elements of the marketing plan and among other actions the promotion (e.g. drawing the folder, describing the product at a fair), determining the manner of distribution and estimating the possible price. A presentation of the project is closing the whole of the transitional work by the team of students, done by the group leader and submitting a report.

3. Prerequisites

Engineering of machines – designing and producing, financial area, marketing

4. Aim of the course

- messages: the classes have comprehensive and interdisciplinary character.
- abilities: their purpose is getting mechanical, economic and managerial abilities in the synthesis of the knowledge in many diverse areas.

5. Literature

1. Pahl G., Beitz W.: Nauka konstruowania. WNT, Warszawa 1988.
2. Hutt M.D., Speh T.W.: Zarządzanie marketingiem. Strategie rynku dóbr i usług przemysłowych. Wydawnictwo Naukowe PWN. Warszawa 1997.
3. Siuta B.: Strategia zarządzania produktem. Oficyna Wydawnicza Ośrodka Postępu Organizacyjnego. Sp. z o. o. Bydgoszcz 1996

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics.

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project	90/60	II	1
Seminar			
Total student's workload	240		

9. Conditions of the course acceptance:

Presentations of stages of labor, report of accomplished project

10. Language:

Polish

ECTS credits
8

1. Course name

Project of a plumbing drive – transitional work engineering-managerial

2. Course description

1. Mini lecture dealing with plumbing systems (HS)
2. Design technique
3. Designing the arrangement of the plumbing drive of a chosen machine.
 - a. Preliminary structural-technological HS assumptions.
 - b. Choice of the best answer according to dominant criteria.
 - c. Calculations – selection of elements.
 - d. Appointing static characteristics of arrangement
4. Technology of carrying out the agreement of the plumbing drive
 - a. Technology of the assembly
 - b. Establishing the concept of automation of production.
 - c. Establishing the production plan of the product.
 - d. Establishing specifications of workmanship and costs account
5. Economic-managerial issues.
 - a. Estimating production costs.
 - b. Ways of advertising products.
 - c. Forms of technological documentation.
 - d. Methods of production planning.
 - e. Preparing specifications of workmanship and costs account

3. Prerequisites

Engineering of machines – designing and producing, costs account, marketing

4. Aim of the course

- messages: classes have comprehensive and interdisciplinary character.
- abilities: their purpose is getting mechanical, economic and managerial abilities in the synthesis of the knowledge in many diverse areas.

5. Literature

1. Garbacik A.: Studium projektowania układów hydraulicznych, Ossolineum 1997.
2. Stryczek S.: Napęd hydrauliczny, WNT Warszawa 1984.
3. Projektowanie procesów technologicznych – seria skryptów PW.
4. Kotler F.: Marketing. Zarządzanie. Analiza. Planowanie. Wdrażanie, PWE 1994

6. Type of course

Obligatory

7. Teaching team

Department of Production Engineering and Logistics

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project	90/60	II	1
Seminar			
Total student's workload	240		

9. Conditions of the course acceptance:

Presentations of stages of labor, report of accomplished project.

10. Language:

Polish

ECTS credits
8

1. Course name

Project of logistic processes in supply logistics - transitional work engineering-managerial

2. Course description

Lecture

1. Supply activities in supply chain
2. Supply in enterprises
3. Purchase
4. Business negotiation
5. Strategic decisions in supply logistics
6. Warehousing
7. Logistic costs in supply activities
8. Logistic centres as an element of supply chains

Classes

Complex project of logistics processes in supply logistics

1. Choice of trade: description and strategic analysis
 2. Description and activities of firm
 3. Identification of logistic processes in supply logistics
 4. Methods, techniques of purchasing
 5. Classification of purchasing goods
 6. Organization of purchasing
 7. Quality of purchasing goods
 8. Warehousing designing
 9. Stock management
 10. Prices and costs
 11. Evaluation and choice of suppliers
 12. Measurement of supply logistics processes' efficiency
- 3. Prerequisites** Logistics in Enterprise, Supply Chain Management, Supply Logistics
- 4. Aim of the course**

Classes are realized in complex and interdisciplinary way. The main goal is to achieve synthetic knowledge of technical and economical domains.

5. Literature

1. C. Bozarth, R.B. Handfield: *Wprowadzenie do zarządzania operacjami i łańcuchem dostaw*, Wyd. Helion, Gliwice 2007.
2. J.J. Coyle, E.J. Bardi, C.J. Langley Jr.: *Zarządzanie logistyczne*, Wyd. PWE, Warszawa 2002.
3. J. Bendkowski, G. Radziejowska: *Logistyka zaopatrzenia w przedsiębiorstwie*, Wyd. Politechniki Śląskiej, Gliwice 2005.
4. J. Bendkowski, M. Kramarz: *Logistyka stosowana. Metody, techniki, analizy. Część I i II*, Wyd. Politechniki Śląskiej, Gliwice 2006.
5. K. Lyons: *Zakupy zaopatrzeniowe*, Wyd. PWE, Warszawa 2004.

6. Type of course: Obligatory

7. Teaching team: Departament of Production Engineering and Logistics.

8. Course structure

Form	Number of hours	Semester	Year
Lectures			
Classes			
Laboratories			
Projects	90/60	II	1
Seminar			
Total student's workload	240		

9. Conditions of the course acceptance:

Classes - projects

10. Language: Polish

ECTS credits
6

1. Course name

The project and innovations management

2. Course description

Lecture

The specification, kinds of project and their characters. The preparation and access process project organization. The creation and organization of project staff (team). The methods and techniques of project process and process access planning. The project budget planning and the risk of its realization estimate. The management of changes contra the project access process. The computer systems of project management. The innovation and innovation moderating factors. The organization and structure of innovation management process. The methods and techniques of creative thinking used in innovations management. The methods and techniques of best solutions. The technical and economical estimation of the innovation projects.

Classes

The practical skills of projects definition, mainly of innovation character and their realization and access planning. The case studies preparation for acquire and fix the knowledge and skills of access and identification of innovation.

3. Prerequisites

The classes “The system of decision support and knowledge management” graduation.

4. Aim of the course

The lecture objective of “The projects and innovation of knowledge and skills management” classes is the implementation of knowledge and skills of production and services, of accounting and finances and of other science branches management, as well as the propagation of innovation identification skills and their access by projects. Theoretical thoughts will stand for the base for the practice supported by numeral case studies what will be helpful in the acquisition of the basic competences of project definition, mainly of innovation as well as of planning and access realization character.

5. Literature

1. Burton c., Michael N.: Zarządzanie projektami, Wyd. ASTRUN, Wrocław 1999,
2. Davidson F.I. *Zarządzanie projektami w organizacjach*. WIG – Press, Warszawa 2001.
3. Drucker P.F. *Innowacje a przedsiębiorczość*. Wyd. PWE, Warszawa 1996.
4. Chony Y., Brown E.M. *Zarządzanie ryzykiem projektu*. Wydawnictwo ABC, Kraków 2001.
5. Kasprzak W. Pelc K.: Wyzwania technologiczne- prognozy i strategie. Wydawnictwo Profesjonalnej Szkoły Biznesu, Kraków 1999.
6. M. Brzeziński red., *Zarządzanie innowacjami technicznymi i organizacyjnymi*, Wydawnictwo Difin, Warszawa 2001

6. Type of course

Obligatory

7. Teaching team

Department of Sciences on Enterprise and Marketing.

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/14	II	1
Classes			
Laboratory			
Project	15/14	II	1
Seminar			
Conversation			
Total student's workload	180		

9. Conditions of the course acceptance

Lecture – passing

Project - passing

10. Language

Polish

Management

Studying Management provides graduates solid fundamentals in economics, mathematics, accountancy, statistics, finance, foreign language, law and marketing. However, the main focus is on general education in management - especially project management, finance, production, logistics, knowledge, human resources and quality management. Additionally, the graduate gains the knowledge of economic analysis, marketing research, negotiations in business and computer science in management.

Specialization: Business management

Additional abilities in business management include first of all advanced problems of economic phenomenon analyzing and estimation in range of enterprise and its environment, especially market environment, and also analysis of business internal resources and formulating development strategy of business. A substantial element of teaching are also issues of organizational behavior, international economic intercourse, econometrics, forecasting, controlling, labour law, management accountancy. A substantial element of teaching are also abilities of methods of decisions optimization applying and management and marketing planning.

Specialization: Small business management

The graduate of Small Business Management is entrepreneur being well-informed in basic problems from the range of administering, economy and marketing. Is also equipped into useful professional skill at founding of the own firm and in administering with the small and average firm. Students acquire the row skills and the useful specialist knowledge in dissolving of strategic and running problems of SME. The graduate of the speciality will know individually to pass the founder's way, will recognize all indispensable formal procedures, will conquer the skill of applying for financial resources for its own business. He will be prepared to fulfilling of manager functions on all spokes of administering in small and average firms. His essential preparation gives chances of the high usefulness in small business sector, in this especially in family- firms.

Specialization: Accountancy and internal audit

Abilities in internal audit and accountancy are connected first of all with recognition of ideas and manners of conscious using management tools which protect individual firm aims realization as well as give certainty that economic processes take place according to accepted foundations and all defections from them are on up to date identified. Graduates not only gain knowledge from the range of Polish and international standards of financial accountancy, budget accountancy, management accountancy, financial reporting, risk analyses, essence of internal audit systems, methodology and procedures of internal audit. They become equipped also into practical skills of qualifying and using of mechanisms, techniques, and rules of internal audit, working out of procedures, instructions, executing of supervisory acts, estimations of correctness balance components pricing, using of modern tools of accountancy and organization of internal audit units and running and evidencing of audit tasks.

Specialization: Finance management and controlling

Additional abilities in finance management and controlling besides learning theoretical concerning problems of capital and financial market, banking and insurance, international business finance, refer also skills of decision undertaking of uncertainty, using tools and technicses making possible execution of financial analyses, investment profitability calculation, working out of operating budget. Graduates of the specialization are first of all managers, financial advisers and the classiness specialist of controlling and management accounting possessory skills of using strategy and operating controlling tools in creating of goodwill.

Specialization: The Human Resource Management

The students who choose this specialization will be equipped with general people management skills. The students will be taught about: staff recruitment, career planning, training and development of human resources, implementing a modern motivation systems, employee evaluation. Graduates can work for example as employment and placement managers, training specialists, job analysis specialists and managers.

Major: Management

Specialization: Human resources management

Recruitment: 2009

Full time

Year I

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			ls	p	w	k		ls	p	w	k		
Objects of the general education:													
1	Socjology	30	30				2					pass	
2	Information technology	30							30			pass	2
3	Lectures at choice: humanistic objects	30	30				2						
Basic objects:													
4	Microeconomics	60	30	30			6					exam	
5	Mathematics	45	15	30			6					pass	
6	Descriptive statistics	60	30	30			5					exam	
7	Law	30	30				3					exam	
8	Basics of management	60						30	30			exam	6
9	Science about organization	60						30	30			exam	6
10	Macroeconomics	60						30	30			pass	5
Majors objects:													
11	Organizational behaviour	30						30				pass	4
12	Marketing	60						30	30			exam	6
13	Basics of accountancy	45	15	30			6					pass	
14	Lectures / workshops at choice	15						15				pass	1
	Total:	615	180	120				165	150				
							30						30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management

Specialization: Human resources management

Full time

Recruitment: 2009

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
2	Physical education	60		30			1		30			pass	1
3	Protection of intellectual property	15						15				pass	1
4	Finance	60	30	30			7					exam	
Majors objects:													
5	Business finance	60						30	30			exam	6
6	Financial accountancy	60						30	30			pass	5
7	Strategy of development of organization	60	30	30			6					exam	
8	Economic law	30	30				5					exam	
9	Negotiation in business	30	30				4					pass	
10	Production management	30	15	15			4					pass	
11	Methods of organization and management	30						15	15			exam	3
12	Lectures / workshops at choice	60	30				2	30				pass	2
Specialization and speciality objects:													
13	People management in organization	30						15	15			exam	2
14	Communication within organisation	15							15			pass	1
15	Organizational culture	15						15				pass	1
16	Organization and praxis of Human Resources Management	30						15	15			pass	2
17	Management psychology	30						15	15			pass	1
18	Career management	15						15				pass	1
19	Work time management	30						15	15			pass	1
20	Diploma seminar	15							15			pass	1
21	Lectures / workshops in foreign language	45						30		15		pass	1
	Vocational training	160							160			pass	0
	Total without training:	780	165	135	0	0		210	225	15	0		
							30						30

Major: Management

Specialization: Human resources management

Full time

Recruitment: 2009

Year III

No.	Course unit	no. of h.	5th semester				ECTS cred.	6th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	2
Majors objects:													
2	Project management	30	30				2					pass	
3	Human resources management	60	30	30			5					exam	
4	Quality management	30						30				pass	2
5	Computer science in management	30	15	15			2					pass	
6	Marketing research	30						15	15			exam	3
7	Logistics management	30	15	15			4					exam	
8	Knowledge management	30						30				pass	2
9	Lectures / workshops at choice	60	30				2	30				pass	2
Specialization and speciality objects:													
10	Professional and personnel advising	15	15				2					pass	
11	Moulding of managerial staff	30	15	15			3					pass	
12	Personel marketing	15	15				2					pass	
13	Building and team management In organization	30	15	15			3					pass	
14	Competence management	15	15				1					pass	
15	Ergonomics and conditions of work environment	15							15			pass	1
16	Personnel controlling	15							15			pass	1
17	Moulding of work relationships in Poland and in European Union	15						15				pass	1
18	Social policy	15						15				pass	1
19	Market of work	15						15				pass	1
20	Work low	15						15				pass	1
21	Diploma seminar	60		30			1		30			pass	1
22	Lectures / workshops/ konw. in foreign language	60			30		2			30		pass	2
	Total without training:	585	210	165	30			165	90	30			
	Thesis												10
	Hours in general without training:	1980											
							30						30

Major: Management

Specialization: Human resources management

Non-stationary

Recruitment: 2009

Year I

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			ls	p	w	k		ls	p	w	k		
Objects of the general education:													
1	Socjology	30	30				2					pass	
2	Information technology	30							30			pass	2
3	Lectures at choice: humanistic objects	30	30				2					pass	
Basic objects:													
4	Microeconomics	45	15	30			6					exam	
5	Mathematics	45	15	30			6					pass	
6	Descriptive statistics	45	15	30			5					exam	
7	Law	30	30				3					exam	
8	Basics of management	60						30	30			exam	6
9	Science about organization	45						15	30			exam	6
10	Macroeconomics	30						15	15			pass	5
Majors objects:													
11	Organizational behaviour	30						30				pass	4
12	Marketing	45						15	30			exam	6
13	Basics of accountancy	24	12	12			6					pass	
14	Lectures / workshops at choice	15						15				pass	1
	Total	504	147	102	0	0		120	135	0	0		
							30						30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management

Specialization: Human resources management

Recruitment: 2009

Non-stationary

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			ls	p	w	k		ls	p	w	k		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
2	Protection of intellectual property	10						10				pass	1
3	Finance	30	15	15			7					exam	
Majors objects:													
4	Business finance	45						15	30			exam	7
5	Financial accountancy	30						15	15			pass	6
6	Strategy of development of organization	24	12	12			8					exam	
7	Economic law	15	15				5					exam	
8	Negotiation in business	15	15				3					pass	
9	Production management	15	15				4					pass	
10	Methods of organization and management	15						15				exam	3
11	Lectures / workshops at choice	45	30				2	15				pass	2
Specialization and speciality objects:													
12	People management in organization	20					10	10				exam	2
13	Communication within organisation	10						10				pass	1
14	Organizational culture	10					10					pass	1
15	Organization and praxis of Human Resources Management	20					10	10				pass	2
16	Management psychology	10					10					pass	1
17	Career management	10					10					pass	1
18	Work time management	10					10					pass	1
19	Diploma seminar	12						12				pass	1
	Vocational training	160							160			pass	0
	Total without training:	406	102	57				130	117				
							30						30

Major: Management

Specialization: Human resources management

Recruitment: 2009

Non-stationary

Year III

No.	Course unit	no. of h.	5th semester				ECTS cred.	6th semester				credits	ECTS cred.
			ls	p	w	k		ls	p	w	k		
Objects of the general education:													
1	Foreign language	60		30			1		30			exam	2
Majors objects:													
2	Project management	15	30				3					pass	
3	Human resources management	30	15	15			5					exam	
4	Quality management	15						15				pass	2
5	Computer science in management	30	15	15			3					pass	
6	Marketing research	30						15	15			exam	4
7	Logistics management	15	15				4					exam	
8	Knowledge management	15						15				pass	1
Specialization and speciality objects:													
9	Professional and personnel advising	10	10				2					pass	
10	Moulding of managerial staff	20	10	10			3					pass	
11	Personel marketing	10	10				2					pass	
12	Building and team management In organization	20	10	10			3					pass	
13	Competence management	10	10				1					pass	
14	Ergonomics and conditions of work environment	10							10			pass	1
15	Personnel controlling	10							10			pass	1
16	Moulding of work relationships in Poland and in European Union	9						9				pass	1
17	Social policy	8						8				pass	1
18	Market of work	10						10				pass	1
19	Work low	10						10				pass	1
16	Diploma seminar	48		24			1		24			pass	1
17	Lectures / workshops at choice	30	15				2	15				pass	2
	Vocational training	160							160			pass	2
	Thesis												10
	Total without training:	415	140	104	0	0	30	97	89	0	0		
	Hours in general without training:	1325											
							30						30

Major: Management

Specialization: Human resources management

Full time

Recruitment: 2008

Year I

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			ls	p	w	k		ls	p	w	k		
Objects of the general education:													
1	Socjology	30	30				2					pass	
2	Information technology	30							30			pass	2
3	Lectures at choice: humanistic objects	30	30				2						
Basic objects:													
4	Microeconomics	60	30	30			6					exam	
5	Mathematics	45	15	30			6					pass	
6	Descriptive statistics	60	30	30			5					exam	
7	Law	30	30				3					exam	
8	Basics of management	60						30	30			exam	6
9	Science about organization	60						30	30			exam	6
10	Macroeconomics	60						30	30			pass	5
Majors objects:													
11	Organizational behaviour	30						30				pass	4
12	Marketing	60						30	30			exam	6
13	Basics of accountancy	45	15	30			6					pass	
14	Lectures / workshops at choice	15						15				pass	1
	Total:	615	180	120				165	180				
							30						30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management

Specialization: Human resources management

Full time

Recruitment: 2008

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
2	Physical education	60		30			1		30			pass	1
3	Protection of intellectual property	15						15				pass	1
4	Finance	60	30	30			7					exam	
Majors objects:													
5	Business finance	60						30	30			exam	6
6	Financial accountancy	60						30	30			pass	5
7	Strategy of development of organization	60	30	30			6					exam	
8	Economic law	30	30				5					exam	
9	Negotiation in business	30	30				4					pass	
10	Production management	30	15	15			4					pass	
11	Methods of organization and management	30						15	15			exam	3
12	Lecturesat choice	60	30				2	30				pass	2
Specialization and speciality objects:													
13	People management in organization	30						15	15			exam	2
14	Communication within organisation	15							15			pass	1
15	Organizational culture	15						15				pass	1
16	Organization and praxis of Human Resources Management	30						15	15			pass	2
17	Management psychology	30						15	15			pass	1
18	Career management	15						15				pass	1
19	Work time management	30						15	15			pass	1
20	Diploma seminar	15							15			pass	1
21	Lectures / workshops in foreign language	15								15		pass	1
	Vocational training	160							160			pass	0
	Total without training:	750	165	135	0	0		210	225	15	0		
							30						30

Major: Management

Specialization: Human resources management

Full time

Recruitment: 2008

Year III

No.	Course unit	no. of h.	5th semester				ECTS cred.	6th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	2
Majors objects:													
2	Project management	30	30				2					pass	
3	Human resources management	60	30	30			5					exam	
4	Quality management	30						30				pass	2
5	Computer science in management	30	15	15			2					pass	
6	Marketing research	30						15	15			exam	3
7	Logistics management	30	15	15			4					exam	
8	Knowledge management	30						30				pass	2
9	Lectures at choice	60	30				2	30				pass	2
Specialization and speciality objects:													
10	Professional and personnel advising	15	15				2					pass	
11	Moulding of managerial staff	30	15	15			3					pass	
12	Personel marketing	15	15				2					pass	
13	Building and team management In organization	30	15	15			3					pass	
14	Competence management	15	15				1					pass	
15	Ergonomics and conditions of work environment	15							15			pass	1
16	Personnel controlling	15							15			pass	1
17	Moulding of work relationships in Poland and in European Union	15						15				pass	1
18	Social policy	15						15				pass	1
19	Market of work	15						15				pass	1
20	Work low	15						15				pass	1
21	Diploma seminar	60		30			1		30			pass	1
22	Lectures / workshops/ konw. In foreign language	60			30		2			30		pass	2
	Total without training:	675	195	150	30			165	105	30			
	Thesis												10
	Hours in general without training:	2040											
							30						30

Major: Management**Specialization: Financial management and controlling****Full time****Recruitment: 2009****Year I**

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Socjology	30	30				2					pass	
2	Information technology	30							30			pass	2
3	Lectures at choice: humanistic objects	30	30				2						
Basic objects:													
4	Microeconomics	60	30	30			6					exam	
5	Mathematics	45	15	30			6					pass	
6	Descriptive statistics	60	30	30			5					exam	
7	Law	30	30				3					exam	
8	Basics of management	60						30	30			exam	6
9	Science about organization	60						30	30			exam	6
10	Macroeconomics	60						30	30			pass	5
Majors objects:													
11	Organizational behaviour	30						30				pass	4
12	Marketing	60						30	30			exam	6
13	Basics of accountancy	45	15	30			6					pass	
14	Lectures / workshops at choice	15						15				pass	1
	Total:	615	180	120				165	150				
							30						30

Industrial Safety – I semester 4h**Library training - I semester 4h**

Major: Management

Specialization: Financial management and controlling

Full time

Recruitment: 2009

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
2	Physical education	60		30			1		30			pass	1
3	Protection of intellectual property	15						15				pass	1
4	Finance	60	30	30			7					exam	
Majors objects:													
5	Business finance	60						30	30			exam	6
6	Financial accountancy	60						30	30			pass	5
7	Strategy of development of organization	60	30	30			6					exam	
8	Economic law	30	30				5					exam	
9	Negotiation in business	30	30				4					pass	
10	Production management	30	15	15			4					pass	
11	Methods of organization and management	30						15	15			exam	3
12	Lectures / workshops at choice	60	30				2	30				pass	2
Specialization and speciality objects:													
13	Business Plan	15						15				pass	1
14	Methods of financial markets analysis	30						15	15			pass	1
15	Basics of controlling	15						15				pass	1
16	Costs calculation	30						15	15			pass	2
17	Capital and money market	30						15	15			exam	3
18	Application of mathematics methods in finance	30						15	15			pass	1
20	Diploma seminar	15							15			pass	1
21	Lectures / workshops in foreign language	15								15		pass	1
	Vocational training	160							160			pass	0
	Total without training:	735	165	135	0	0		180	210	15	0		
							30						30

Major: Management

Specialization: Financial management and controlling

Full time

Recruitment: 2009

Year III

No.	Course unit	no. of h.	5th semester				ECTS cred.	6th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	2
Majors objects:													
2	Project management	30	30				2					pass	
3	Human resources management	60	30	30			5					exam	
4	Quality management	30						30				pass	2
5	Computer science in management	30	15	15			2					pass	
6	Marketing research	30						15	15			exam	3
7	Logistics management	30	15	15			4					exam	
8	Knowledge management	30						30				pass	2
9	Lectures / workshops at choice	60	30				2	30				pass	2
Specialization and speciality objects:													
10	Banking and insurance	30	15	15			2					pass	
11	International business finance	30	15	15			2					pass	
12	Credit ability estimation	15	15				1					pass	
13	Management Accountancy	45	15	30			4					exam	
14	Reporting and financial analysis	30	15	15			2					pass	
15	Budgeting and financial planning	15						15				pass	2
16	Financial controlling	15						15				pass	2
17	Risk management	30						15	15			pass	2
21	Diploma seminar	60		30			1		30			pass	1
22	Lectures / workshops/ konw. in foreign language	60			30		2			30		pass	2
	Total without training:	690	195	195	30			150	90	30			
	Thesis												10
	Hours in general without training:	2040											
							30						30

Major: Management

Specialization: Financial management and controlling

Non-stationary

Recruitment: 2009

Year I

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Socjology	30	30				2					pass	
2	Information technology	30							30			pass	2
3	Lectures at choice: humanistic objects	30	30				2					pass	
Basic objects:													
4	Microeconomics	45	15	30			6					exam	
5	Mathematics	45	15	30			6					pass	
6	Descriptive statistics	45	15	30			5					exam	
7	Law	30	30				3					exam	
8	Basics of management	60						30	30			exam	6
9	Science about organization	45						15	30			exam	6
10	Macroeconomics	30						15	15			pass	5
Majors objects:													
11	Organizational behaviour	30						30				pass	4
12	Marketing	45						15	30			exam	6
13	Basics of accountancy	24	12	12			6					pass	
14	Lectures / workshops at choice	15						15				pass	1
	Total	504	147	102	0	0		120	135	0	0		
							30						30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management

Specialization: Financial management and controlling

Recruitment: 2009

Non-stationary

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
2	Protection of intellectual property	10						10				pass	1
3	Finance	30	15	15			7					exam	
Majors objects:													
4	Business finance	45						15	30			exam	7
5	Financial accountancy	30						15	15			pass	6
6	Strategy of development of organization	24	12	12			8					exam	
7	Economic law	15	15				5					exam	
8	Negotiation in business	15	15				3					pass	
9	Production management	15	15				4					pass	
10	Methods of organization and management	15						15				exam	3
11	Lectures / workshops at choice	45	30				2	15				pass	2
Specialization and speciality objects:													
12	Business Plan	10						10				pass	1
13	Methods of financial markets analysis	20						10	10			pass	1
14	Basics of controlling	10						10				pass	1
15	Costs calculation	18						8	10			pass	2
16	Capital and money market	19						9	10			exam	3
17	Application of mathematics methods in finance	20						10	10			pass	1
18	Diploma seminar	12							12			pass	1
	Vocational training	160							160			pass	0
	Total without training:	413	102	57				127	127				
							30						30

Major: Management

Specialization: Financial management and controlling

Non-stationary

Recruitment: 2009

Year III

No.	Course unit	no. of h.	5th semester				ECTS cred.	6th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			exam	2
Majors objects:													
2	Project management	30	30				3					pass	
3	Human resources management	30	15	15			5					exam	
4	Quality management	15						15				pass	2
5	Computer science in management	30	15	15			3					pass	
6	Marketing research	30						15	15			exam	4
7	Logistics management	15	15				4					exam	
8	Knowledge management	15						15				pass	1
Specialization and speciality objects:													
9	Banking and insurance	20	10	10			2					pass	
10	International business finance	18	10	8			2					pass	
11	Credit ability estimation	10	10				1					pass	
12	Management Accountancy	20	10	10			4					exam	
13	Reporting and financial analysis	20	10	10			2					pass	
14	Budgeting and financial planning	10						10				pass	2
15	Financial controlling	10						10				pass	2
16	Risk management	12						12				pass	2
17	Diploma seminar	48		24			1		24			pass	1
18	Lectures / workshops at choice	30	15				2	15				pass	2
	Vocational training	160							160			pass	2
	Thesis												10
	Total without training:	423	140	122	0	0	30	92	69	0	0		
	Hours in general without training:	1340											
							30						30

Major: Management

Specialization: Financial management and controlling

Non-stationary

Recruitment: 2008

Year I

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Socjology	30	30				2					pass	
3	Information technology	30							30			pass	2
4	Lectures at choice: humanistic objects	30	30				2					pass	
Basic objects:													
5	Microeconomics	45	15	30			6					exam	
6	Mathematics	45	15	30			6					pass	
7	Descriptive statistics	45	15	30			5					exam	
8	Law	30	30				3					exam	
9	Basics of management	60						30	30			exam	5
10	Science about organization	45						15	30			exam	6
11	Macroeconomics	30						15	15			pass	4
Majors objects:													
12	Organizational behaviour	30						30				pass	4
13	Marketing	45						15	30			exam	6
14	Basics of accountancy	24	12	12			6					pass	
15	Lectures / workshops at choice	15						15				pass	1
	Vocational training	120							120				2
	Total without training:	504	147	102	0	0		120	135	0	0		
							30						30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management

Specialization: Financial management and controlling

Non-stationary

Recruitment: 2008

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
2	Protection of intellectual property	10						10				pass	1
3	Finance	30	15	15			7					exam	
Majors objects:													
4	Business finance	45						15	30			exam	6
5	Financial accountancy	30						15	15			pass	5
6	Strategy of development of organization	24	12	12			8					exam	
7	Economic law	15	15				5					exam	
8	Negotiation in business	15	15				3					pass	
9	Production management	15	15				4					pass	
10	Methods of organization and management	15						15				exam	3
11	Lectures at choice	45	30				2	15				pass	2
Specialization and speciality objects:													
12	Business Plan	10						10				pass	1
13	Methods of financial markets analysis	20						10	10			pass	1
14	Basics of controlling	10						10				pass	1
15	Costs calculation	18						8	10			pass	2
16	Capital and money market	19						9	10			exam	3
17	Application of mathematics methods in finance	20						10	10			pass	1
18	Diploma seminar	12							12			pass	1
	Vocational training	120							120			pass	2
	Total without training:	413	102	57				127	127				
							30						
													30

Major: Management

Specialization: Financial management and controlling

Non-stationary

Recruitment: 2008

Year III

No.	Course unit	no. of h.	5th semester				ECTS cred.	6th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			exam	2
Majors objects:													
2	Project management	15	30				3					pass	
3	Human resources management	30	15	15			5					exam	
4	Quality management	30						15				pass	2
5	Computer science in management	30	15	15			3					pass	
6	Marketing research	30						15	15			exam	4
7	Logistics management	15	15				4					exam	
8	Knowledge management	15						15				pass	1
Specialization and speciality objects:													
9	Banking and insurance	20	10	10			2					pass	
10	International business finance	18	10	8			2					pass	
11	Credit ability estimation	10	10				1					pass	
12	Management Accountancy	20	10	10			4					exam	
13	Reporting and financial analysis	20	10	10			2					pass	
14	Budgeting and financial planning	10						10				pass	2
15	Financial controlling	10						10				pass	2
16	Risk management	12						12				pass	2
17	Diploma seminar	48		24			1		24			pass	3
18	Lectures at choice	30	15				2	15				pass	2
	Thesis												10
	Total without training:	423	140	122	0	0	30	92	69	0	0		
	Hours in general without training:	1340											
							30						30

Major: Management

Specialization: Business management

Recruitment: 2009

Full time

Year I

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Socjology	30	30				2					pass	
2	Information technology	30							30			pass	2
3	Lectures at choice: humanistic objects	30	30				2						
Basic objects:													
4	Microeconomics	60	30	30			6					exam	
5	Mathematics	45	15	30			6					pass	
6	Descriptive statistics	60	30	30			5					exam	
7	Law	30	30				3					exam	
8	Basics of management	60						30	30			exam	6
9	Science about organization	60						30	30			exam	6
10	Macroeconomics	60						30	30			pass	5
Majors objects:													
11	Organizational behaviour	30						30				pass	4
12	Marketing	60						30	30			exam	6
13	Basics of accountancy	45	15	30			6					pass	
14	Lectures / workshops at choice	15						15				pass	1
	Total:	615	180	120				165	150				
							30						30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management

Specialization: Business management

Recruitment: 2009

Full time

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
2	Physical education	60		30			1		30			pass	1
3	Protection of intellectual property	15						15				pass	1
4	Finance	60	30	30			7					exam	
Majors objects:													
5	Business finance	60						30	30			exam	6
6	Financial accountancy	60						30	30			pass	5
7	Strategy of development of organization	60	30	30			6					exam	
8	Economic law	30	30				5					exam	
9	Negotiation in business	30	30				4					pass	
10	Production management	30	15	15			4					pass	
11	Methods of organization and management	30						15	15			exam	3
12	Lectures / workshops at choice	30	30				2					pass	2
Specialization and speciality objects:													
13	Basics of econometrics	30						15	15			pass	2
14	Management and marketing planning	30						15	15			pass	1
15	Small business management	45						15	30			exam	3
16	Analysis of economics	30						15	15			pass	2
17	Basics science of enterprise	15						15				pass	1
18	Diploma seminar	15							15			pass	1
19	Lectures / workshops in foreign language	45						30		15		pass	1
	Vocational training	160							160			pass	0
	Total without training:	735	165	135	0	0		195	225	15	0		
							30						30

Major: Management

Specialization: Business management

Recruitment: 2009

Full time

Year III

No.	Course unit	no. of h.	5th semester				ECTS cred.	6th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	2
Majors objects:													
2	Project management	30	30				2					pass	
3	Human resources management	60	30	30			5					exam	
4	Quality management	30						30				pass	2
5	Computer science in management	30	15	15			2					pass	
6	Marketing research	30						15	15			exam	3
7	Logistics management	30	15	15			4					exam	
8	Knowledge management	30						30				pass	2
9	Lectures / workshops at choice	60	30				2	30				pass	2
Specialization and speciality objects:													
10	Marketing in trade and services	30	30				2					pass	
11	Management accountancy	45	15	30			5					exam	
12	Basics of forecasting	30	15	15			2					pass	
13	International economic intercourse	30	30				2					pass	
14	Methods of decisions optimization	30						15	15			exam	3
15	Labour law	30						30				pass	2
16	Controlling	15						15				pass	1
17	Diploma seminar	60		30			1		30			pass	1
18	Lectures / workshops/ konw. in foreign language	60			30		2			30		pass	2
	Total without training:	690	210	165	30			165	90	30			
	Thesis												10
	Hours in general without training:	2040											
							30						30

Major: Management

Specialization: Business management

Recruitment: 2009

Non-stationary

Year I

No.	Course unit	no. of h.	1st semester				ECTS cred.	2nd semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Socjology	30	30				2					pass	
2	Information technology	30							30			pass	2
3	Lectures at choice; humanistic objects	30	30				2					pass	
Basic objects:													
4	Microeconomics	45	15	30			6					exam	
5	Mathematics	45	15	30			6					pass	
6	Descriptive statistics	45	15	30			5					exam	
7	Law	30	30				3					exam	
8	Basics of management	60						30	30			exam	6
9	Science about organization	45						15	30			exam	6
10	Macroeconomics	30						15	15			pass	5
Majors objects:													
11	Organizational behaviour	30						30				pass	4
12	Marketing	45						15	30			exam	6
13	Basics of accountancy	24	12	12			6					pass	
14	Lectures / workshops at choice	15						15				pass	1
	Total	504	147	102	0	0		120	135	0	0		
							30						30

Industrial Safety – I semester 4h

Library training - I semester 4h

Major: Management

Specialization: Business management

Recruitment: 2009

Non-stationary

Year II

No.	Course unit	no. of h.	3rd semester				ECTS cred.	4th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			pass	1
2	Protection of intellectual property	10						10				pass	1
3	Finance	30	15	15			7					exam	
Majors objects:													
4	Business finance	45						15	30			exam	7
5	Financial accountancy	30						15	15			pass	6
6	Strategy of development of organization	24	12	12			8					exam	
7	Economic law	15	15				5					exam	
8	Negotiation in business	15	15				3					pass	
9	Production management	15	15				4					pass	
10	Methods of organization and management	15						15				exam	3
11	Lectures / workshops at choice	45	30				2	15				pass	2
Specialization and speciality objects:													
12	Basics of econometrics	15							15			pass	2
13	Management and marketing planning	16						16				pass	1
14	Analysis of economics	15						15				pass	2
15	Small business management	24						12	12			exam	3
16	Diploma seminar	12							12			pass	1
17	Basics science of enterprise	12						12					1
	Vocational training	160							160			pass	0
	Total without training:	398	102	57				125	114				
							30						30

Major: Management

Specialization: Business management

Recruitment: 2009

Non-stationary

Year III

No.	Course unit	no. of h.	5th semester				ECTS cred.	6th semester				credits	ECTS cred.
			ls	p	w	k.		ls	p	w	k.		
Objects of the general education:													
1	Foreign language	60		30			1		30			exam	2
Majors objects:													
2	Project management	30	30				3					pass	
3	Human resources management	30	15	15			5					exam	
4	Quality management	15						15				pass	2
5	Computer science in management	30	15	15			3					pass	
6	Marketing research	30						15	15			exam	4
7	Logistics management	15	15				4					exam	
8	Knowledge management	15						15				pass	1
Specialization and speciality objects:													
9	Marketing in trade and services	15	15				2					pass	
10	Management accountancy	24	12	12			5					exam	
11	Basics of forecasting	30	15	15			2					pass	
12	International economic intercourse	15	15				2					pass	
13	Methods of decisions optimization	24						12	12			exam	3
14	Labour law	15						15				pass	2
15	Controlling	12						12				pass	1
16	Diploma seminar	48		24			1		24			pass	1
17	Lectures / workshops at choice	30	15				2	15				pass	2
	Vocational training	160							160			pass	2
	Thesis												10
	Total without training:	438	147	111	0	0	30	99	81	0	0		
	Hours in general without training:	1340											
							30						30

ECTS Credits

6

1. Course name

Basics of Accounting

2. Course description:Lecture

Essence and characteristics of accounting as a informational and filing system. Overriding principles of accounting. Educational methods of accounting and her regulations. International Generally Accepted Accounting Principles (International GAAP). Rules of current and balance appraisal. Posting categories of costs, incomes and outcomes. Balance as a reflection of state of possession. Documenting of events in accounting. Functioning principles of accounts. Account divisibility and merging. Accounting and filing cross-sections of costs. Posting and beside posting settling of financial outcome. Organization of accounting in company. Overall specifications of financial reporting.

Classes

Classification and appraisal of assets and liabilities elements and preparing a balance. Classification of economic operations and record of operations on balance and result accounts. Determining financial result and preparation of simple financial report upon instructions from exercises set and examples prepared by students.

3. Prerequisites

None

4. Aim of the course

Acquiring information and understanding essence of the accounting as a informational and filing system, her tools, functioning principles of accounts and financial outcome settling procedure; economical effect valuation of events being a subject of account filing, valuation of proper account documentation, making of account entries and understanding of their effects, making of summary financial reports.

5. Literature

1. Gierusz B. Podręcznik do samodzielnego księgowania, Oddk 2006
2. Olchowicz I., Podstawy rachunkowości, Difin 2006
3. Wprowadzenie do rachunkowości, praca zbiorowa pod red. Śnieżek E. Oficyna Ekonomiczna 2004
4. Zbiór zadań z rachunkowości, część I, praca zbiorowa pod red I. Izbiańskiej, PWSZ im. Witelona 2006

6. Type of the course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	15 / 12	1	1
Classes	30/12	1	1
Laboratory			
Projects			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Written test, mark from the project, activity and tests on classes,

10. Language

Polish

ECTS Credits

5

1. Course name

Financial Accounting

2. Course description:Lecture

Classification, documentation, record, appraisal of state and capital assets activity. Amortization methods. Classification, appraisal and record principles of factual elements of circulation assets. Long-term and short-term investments – appraisal, documentation and record. Appraisal, documentation and record of settlement of accounts. Own funds – sources, accounting and apprehension of them in balance. Reserves for liabilities. Problems of time and objective proportionality of costs and revenues. Products sales registration process. Dealing. Residual costs and revenues. Principles of information settling of financial result using comparative or calculate method. Current and deferred income tax. Construction of financial reports. Interpretation of financial reports.

Classes

Record and appraisal of capital and current assets elements, reserves, liabilities and own capital, revenues and costs, determining financial result upon instructions from tasks from exercises set and examples prepared by students. Preparation of and analysis of financial report content.

3. Prerequisites

Passing courses: Basics of Accounting

4. Aim of the course

Acquiring information and understanding methods and techniques of financial accounting:

understanding of choosing an alternative rules of current and balance appraisal; bookkeeping; range and meaning of documentation describing accounting principles, documents decreeing, making book-keeping entries on accounts, diagnosis of report procedures to making financial reports and tax declarations – determining basis of taxation, report statement interpretation, valuation of balance politics effects.

5. Literature

1. Cebrowska T. (red.nauk.) Rachunkowość finansowa i podatkowa, PWN, 2005
2. Gmytrasiewicz M., Karmańska A., Rachunkowość finansowa ,Difin, 2006
3. Helin A., Szymański K.G., Sprawozdawczość finansowa spółek kapitałowych, Difin, 2006
4. Zbiór zadań z rachunkowości, część I, praca zbiorowa pod red. I. Izbiańskiej, PWSZ im. Witelona 2006
5. Mindowicz J., Zbiór zadań z rachunkowości finansowej, Wyd. AE we Wrocławiu, Wrocław 2003
6. Międzynarodowe Standardy Sprawozdawczości finansowej 2005, IASB,2005

6. Type of the course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8. Course structure:

Form	Number of hours	Semester	Year
Lecture	30 / 15	4	2
Classes	30 / 15	4	2
Laboratory			
Projects			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

Lecture - written and spoken test, mark from the project, activity on classes and workshop, tests on classes

10. Language

Polish

ECTS credits

1

1. Course name

Methods of analysis the financial markets

2. Course descriptionLecture

The object of the lecture are following problems; elements of fundamental theory of analyzing the capital markets, elements of technical analysis, introduction to portfolio theory, CAPM and APT models, methods of pricing efficiency of financial investments.

Classes

At the classes will be using the different financial methods to analyzing practical cases. For example such methods as indicators of Sharp, Treynor and Jensen, methods of analyzing investment risk, methods of the analysis and evaluating the shares and the bonds.

3. Prerequisites

The acquaintance of bases of the economics and finance.

4. Aim of the course

Learning the students the basic analyzing methods of financial market and how we should understanding and interpreting the different financial indicators.

5. Literature

1.W. Tarczyński, Rynki kapitałowe. Metody ilościowe. Agencja Wydawnicza Placet. Warszawa 2002

2.K.Jajuga, T.Jajuga, Inwestycje, instrumenty finansowe, ryzyko finansowe, inżynieria finansowa, PWN Warszawa 1998.

3. R.W.Golb, Wszystko o instrumentach pochodnych, WIG-Press, Warszawa 2001

6. Type of course

Obligatory

7. Teaching team

Department of Accounting and Finances

8.Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes	15/10	4	2
Laboratory			
Project			
Seminar			
Total student's workload	15		

9.Conditions of the course acceptance

The colloquium

10. Language

Polish

ECTS credits

3

1. Course name

Capital and money market

2. Course descriptionLecture

The object of the lecture are following problems; financial markets and its elements and segments, the capital markets, the partition, participants, the stock exchanges, rules of the GPW in Warsaw, stock exchange indexes, risk on investments at capital market.

Classes

At the classes will be solving the different cases from capital market, discussions about the model and situation of Warsaw exchange stock.

3. Prerequisites

The acquaintance of bases of the economics and finance.

4. Aim of the course

Understanding of the role the capital and many market at the economy, rules of their working, kinds of securities with methods of their pricing.

5. Literature

1. Dębski W. Rynek finansowy i jego mechanizmy, PWN, Warszawa 2005.
2. Milo W. Finansowe rynki kapitałowe, PWN, Warszawa 2000.
3. Sopoćko A. Rynkowe instrumenty finansowe, PWN, Warszawa 2005

6. Type of course

Obligatory

7. Teaching team

Department of Accounting and Finances

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15 / 9	4	2
Classes	15 /10	4	2
Laboratory			
Project			
Seminar			
Total student's workload			
	45		

9. Conditions of the course acceptance

The colloquium

10. Language

Polish

ECTS credits

2

1. Course name

Cost account

2. Course description:Lecture

1. The origin and evolution of cost account
2. Costs and the characteristics of costs:
 - 2.1. Taxonomy of costs, revenues and results,
 - costs classification,
 - costs in procedures of making financial results,
 - 2.2. Options of keeping a record of costs
 - 2.3. Record of costs in classification by category and on accounts under group 5
 - 2.4. Record of costs in classification by category and costs settlement
 - 2.5. Prepayments
3. Settlement of benefits of auxiliary production departments
4. Department costs settlements keys
5. Divisional and additional calculation
6. Changeable costs account and activity based costing (ABC)
7. Production – cost – profit relation. Treshold of profitability.

Classes

Classes on costs classification, record and calculation.

3. Conditions of the course acceptance

Credit on Accounting

4. Assumptions and goals

- To acquire the ability of
 - a) costs classification and record
 - b) choosing division keys for department costs settlement
- To study the procedures of benefits of auxiliary departments settlement
- To learn the ability of calculating with the use of divisional and additional method
- To use the knowledge of changeable costs account to make short term decisions
- To acquire the ability of handling activity based costing

5. Bibliography

- Rachunek kosztów. Elementy rachunkowości zarządczej. Zbiór ćwiczeń, pod redakcją Danuty Sołtys, Wydawnictwo Akademii Ekonomicznej we Wrocławiu, Wrocław 2004,
- Nowak E., Rachunek kosztów, EKSPERT, Wrocław 2007,
- Rachunkowość zarządcza i rachunek kosztów w systemie informacyjnym przedsiębiorstwa, pod redakcją Anny Karmańskiej, DIFIN 2006,

6. Type of course

Obligatory

7. Teaching team

Department of Accountance, Finances and Quantitive Methods

8. Course structure:

Form	Number of hours	Semestr	Year
Lecture	15/8	4	2
Classes	15/10	4	2
Laboratory			
Project			
Conference			
Seminar			
Total student's workload	30		

9. Methods of assessment

Lecture – written exam,

Classes – credit

10. Language

Polish

ECTS credits

4/4

1. Course name

Economy of European Integration

2. Course descriptionLecture and classes

The role of a country in the market economy according to different economic schools (Keynesizm, neoclassical theories, institutional approach). Conception, functions and tools of market economy. Public help- sectoral, regional and horizontal. Public sector. Regulation mechanisms of market economy. Income and price policy. Market growth and employment policy. Structural policy- different kinds, trends and implementation. Industrial policy – functions and tools. International economic policy- types, functions, main regulation tools.

3. Prerequisites

Course of “Macroeconomics”

4. Aim of the course

Discussion on the role of a country in the market economy, conditions of economic policy, main areas of macroeconomic policy and economic development. Understanding of the basis and functions of possible scenarios of economic policy in the differentiated external and internal conditions. Pointing out the possibilities of building economic policy on the basis of proposed theoretical conceptions taking into consideration relation between nation and market. Understanding the rightness of public interventions, their strengths and weaknesses in the context of the growth and economic development as well as social aims.

5. Literature

1. B. Winiarski (red.), *Polityka gospodarcza*, PWN, Warszawa 2005 (nowe wydanie)
2. H. Ćwikliński (red.), *Polityka gospodarcza*, Wyd. Uniwersytetu Gdańskiego, Gdańsk 1997
3. S. Owsiak, *Finanse publiczne. Teoria i praktyka*, PWN, Warszawa 1997 i kolejne wydania
4. C. Józefiak, P. Krajewski, M. Mackiewicz, *Deficyt budżetowy. Przyczyny i metody ograniczenia*, PWE, Warszawa 2006
5. E. Frejtag-Mika, *Teoria i praktyka ekonomii a konkurencyjność gospodarowania*, Wyd. Difin, Warszawa 2006

6. Type of course

Obligatory

7. Teaching team

Department of Economics and Management

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/30	3	2
Classes		3	2
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Lecture – examination, classes - written test are the conditions of ranking the classes

10. Language:

Polish

ECTS credits

6

1. Course name

Business Finance

2. Course description**Lecture and classes**

Financial environment, financial markets, rate of interest. Time value of money, value and time, present value, future value, calculating of interest, the perpetuity. Financial statements, the income statement, the balance sheet, the funds flows, . Evaluating financial performance, financial ratios, liquidity ratios, activity ratios, profitability ratios, debt ratios. Financial analysis, shaping the financial structure, shaping the asset structure. The nature of risk, analyzing risk, probability calculations, the portfolio approach, portfolio diversification, The Capital Asset Pricing Model (CAPM). The management of debt, the management of current assets. Capital cost and capital structure, cost of common stock, cost of bonded, the concept of leverage, capital structure and leverage, the analysis of EBIT/EPS. The sources of capital, corporate bonds, common stock, liabilities. Budgeting capital, payback period length, the NPV method, the IRR method. The value of partnership, MVA and EVA methods, the management of value.

3.Prerequisites

Course of "Economics"

4.Aim of the course

The main goal of the lecture is the introduction students into the basic problems of finance. This course should provide the students a formal framework that enables them to run a small enterprises. In a free marketplace the manager, uses variants on the same procedures to accomplish the main goals. This course learns how a manager must operate with equal regard to balancing risk and returns, to planning cash flows and reach the profit.

5. Literature

1. Bień W. *Zarządzanie finansami przedsiębiorstwa*, Difin, Warszawa 2004
2. Brigham E.F. *Podstawy zarządzania finansami*, t.1-3, PWE, Warszawa 1998
3. Rutkowski A. *Zarządzanie finansami*, PWE, Warszawa 2005

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8.Course structure

Form	Number of hours	Semester	year
Lecture	30/15	4	2
Classes	30/30	4	2
Laboratory			
Project			
Seminar			
Total student's workload	180		

9.Conditions of the course acceptance:

Lecture – examination, classes - written test are the conditions of ranking the classes

10.Language:

Polish

ECTS credits

7/7

1. Course name

Public finances and financial markets

2. Course descriptionLecture and classes

Country's budget, the procedures of passing a budget, the idea of task budget. The structure of receipt and spending sides of the budget, the system of budget's classification. The theory of budget balance, budget deficit, the reasons and consequences of deficit, financing sources. Public debt, management of public debt, safety procedures. The role of EU funds in country's economy, the conditions of convergence with the euro zone. The national fiscal system, kinds of taxes, the directions of changes. The financial markets, the connections between markets and public finances. The banking system, the role of the central bank, the role of the bank rates, commercial banks. Active and passive transactions, credits and forms of credit security. The role of stock market exchange in the financial system, the principles of stock market functioning. Basic indexes and stock market indicators, the trends in stocks and shares prices. Investments funds and their role in the capital market, kinds of funds. Individual investments in the investments funds, profit rate, investment risk. Social security systems. Different kinds of commercial insurance.

3. Prerequisites

Course of "Microeconomics"

4. Aim of the course

Basic ideas in the areas of national finances. Knowledge about instruments in the national financial policy. Knowledge about basic mechanisms in the functioning of financial markets. Ability to perform a basic analysis of the budget's structure. Ability to explain reasons and consequences of budget's deficit and public debt. Ability to use different banking services and other institutions in the financial market.

5. Literature

1. Finanse, bankowość i rynki finansowe pod red. Edmunda Pietrzaka i Magdaleny Markiewicz, Wyd. Uniwersytetu Gdańskiego, Gdańsk 2006.
2. Stanisław Owsiak, Finanse publiczne. Teoria i praktyka, Wydawnictwo Naukowe PWN, Warszawa 2006
3. Wiesław Dębski, Rynek finansowy i jego mechanizmy. Wydawnictwo Naukowe PWN, Warszawa 2001.
4. Andrzej Sopoćko, Rynkowe instrumenty finansowe, Wyd. Wyższej Szkoły Przedsiębiorczości i Zarządzania im. Leona Koźmińskiego, Warszawa 2003

6. Type of course

Obligatory

7. Teaching team

Department of Accountancy, Finance and Quantitative Methods

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/20	2	1
Classes	30/20	2	1
Laboratory			
Project			
Seminar			
Total student's workload	210		

9. Conditions of the course acceptance:

Lecture – examination, classes - written test are the conditions of ranking the classes

10. Language:

Polish

ECTS credits

1

1. **Course name:**
Protection of Intellectual Property
2. **Course description**

Subject area: I. Introduction: Intellectual goods as a special kind of goods. Position of intellectual rights regulation in a system of Polish law. Catalogue of objects of intellectual property law. Genesis and meaning of international regulation of intellectual property law (Bern, Paris and common Conventions and other covenants with Poland as a party thereof) **II. Copyright:** Definition of original creative works and their kinds. Subjects of intellectual property rights. Co-authorship. Content of intellectual property rights – personal and commercial intellectual property rights; exploitation fields. General rules of assignment of rights – succession of rights. Agreements assigning rights and licence agreements. Collective administration and protection of rights; Commission of Authors Rights, templates of authors fees; Promotion of Creative Works Fund. Protection of rights. Related rights – subjects, content, usage and protection. Protection of databases. **III. Industrial property rights:** Objects of industrial property rights; Polish Patent Office. Subjects entitled to protection of patents. Content of right to patent. Protection regarding to personal and economic rights. General rules on protection of rights to industrial property objects.

3. **Prerequisites**

None

4. **Aim of the course**

Introduction of the basic regulation and institutions of intellectual property rights (as a part of civil law). It allows students to understand and use basic terminology from this area of law to such extent that they can independently search for and interpret provisions of intellectual property law and use them in particular cases as well as in preparation of basic documents such as agreements and lawsuits.

5. **Literature**

- 1) **BASIC LITERATURE:** J. Jezioro, Prawo własności intelektualnej (w:) Podstawy Prawa cywilnego pod red.: E. Gniewka, Warszawa 2005.

- 2) **SUPPLEMENTAL LITERATURE:**

1. J. Barta, M. Czajkowska-Dąbrowska, Z. Cwiakalski, R. Markiewicz, E. Traple, Prawo autorskie i prawa pokrewne. Komentarz, Kraków 2005,
2. J. Barta R. Markiewicz, Ustawa o ochronie baz danych. Komentarz, Warszawa 2002,

6. **Type of course**

Obligatory

7. **Teaching team**

Department of Economy and European Union

8. **Course structure**

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	15		

9. **Conditions of the course acceptance**

Passing of final test exam

10. **Language**

Polish

ECTS credits

1

1. Course name

Communication within organisation

2. Course descriptionClasses

1. The essence of communication within organisation, levels of communication (within organization)
2. The process of communication, its elements, models
3. Purposes and methods of internal communication
4. Directions of communication within organisation
5. Management styles, types of managers
6. Communication networks
7. Barriers to effective communication and how to overcome them
8. Verbal communication – tools and techniques for active speaking and listening
9. Nonverbal communication – body language
10. Communication in a conflict situation within organisation (importance of communication in conflict resolution within organisation, communication tools used in conflict situations)
11. Organisational culture vs. communication
12. Intercultural communication within organisation
13. Gender vs. communication

3. Prerequisites

Passed courses: management basics, negotiations, the science of organisation

4. Aim of the course

-knowledge: acquiring knowledge of tools, procedures and processes connected with information flow within organisation

-skills: improving communication in a workplace, more efficient communication with co-workers or subordinates, enhancing communication in a conflict situation

5. Literature

- c) Knapp M.L., Hall J.A., *Komunikacja niewerbalna w interakcjach międzyludzkich*. Wyd. Astrum, Wrocław 2000.
- d) Nęcki Z. *Komunikacja międzyludzka*. Wyd. Antykwa, Kluczbork 2000.
- e) Potocki A. *Komunikacja wewnętrzna w przedsiębiorstwie*. Wydawnictwo Akademii Ekonomicznej w Krakowie, Kraków 2001.
- f) Potocki A., Winkler R., Żbikowska A. *Techniki komunikacji w organizacjach gospodarczych*. Wyd. Difin, Warszawa 2003.
- g) Stankiewicz J. *Komunikowanie się w organizacji*. Wyd. Astrum, Wrocław 1999.

6. Type of course

Obligatory

7. Teaching team

Department of ...

8. Course structure

Form	Number of hours	Semester	Year
Lecture			
Classes	15/10	4	2
Laboratory			
Project			
Seminar			
Total student's workload	15		

9. Conditions of the course acceptance

Assessment will be based on pairwork and groupwork activities, playing assigned scenes, discussions on own communication experiences.

10. Language

Polish

ECTS credits

3

1. Course name

Law

2. Course description**Lecture**

1. The proposition of law: the notion of the proposition of law and the legal provision, the structure of the norm, being obligatory of the norm, kinds of norms and legal provisions, conflicts between norms and rules. 2. The legal relationship: the notion and elements of the legal relationship, the notion and kinds of acts of law, the object of the legal relationship, subjects of the legal relationship, acts in law. 3. The general characterization of the civil law: subjects of the civil law: natural persons and corporate bodies, personal rights of natural persons - the legal construction and kinds of corporate bodies, the notion of the property, the civil responsibility. 4. The general characterization of the administration law: legal forms of acting of the administration, the characterization of the administrative proceedings, the notion of the administrative decision, the administration the government and municipal (the voivode, the commune, the administrative district, the autonomy of the province), legal inspection of activities of the administration. 5. The general characterization of the penal law: the notion of the crime; rules of the criminal responsibility; the range subjective, objective and territorial of being obligatory of the penal code; kinds penalties in the penal code; the characterization of chosen crimes. 6. The source of law: acts universally obligatory, acts internally obligatory 7. The interpretation of the law: the notion the interpretation of the law, kinds the interpretation of the law 8. Gaps in the law and their kinds.

3. Prerequisites

none

4. Aim of the course

The introduction of students with basic legal notices (the legal provision, the proposition of law, the system of the law, the interpretation of the law, the legal relationship. The characterization of deeds universally and internally obligatory; the characterization of basic branches of the law (the civil law, administration law, penal law).

5. Literature

1. Kaźmierczyk St., Pulka Z., *Wstęp do prawoznawstwa*, Wrocław 2001
2. H.Rot, *Wstęp do nauk prawnych*, Wrocław 1994,
3. T.Stawecki, P.Winczorek, *Wstęp do prawoznawstwa*, Warszawa 2002
4. Ziemiński Z., *Logika praktyczna* Warszawa 2001

6. Type of course

Obligatory

7. Teaching team

Department of Science on Economy and European Law

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/30	1	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	90		

9. Conditions of the course acceptance:

The written examination

10. Language:

Polish

ECTS credits

5

1. Course name

Macroeconomics

2. Course description

Creation and distribution of national income and his measurment. Two paradigms in macroeconomics. Basic foundations and statements of the Keynesian economy. Business fluctuations in the market economy. Economic role of government. Budget policy. Monetary and credit system. Unemployment. Inflation. International trade. Balance of payments and foreign exchange rates.

3. Prerequisites

completed subjects: Microeconomics

4. Aim of the course

Delivery of knowledge about basic economy rules, explanation and understanding of mechanizm of economy.

5. Literature

1. 1. Begg D., S. Fischer, R. Dornbusch, Makroekonomia t. 2, PWE, Warszawa 1992
2. Sloman J.: *Podstawy ekonomii*, PWE, Warszawa 2001.
3. Czarny B.: *Podstawy ekonomii*, PWE, Warszawa 2002.
4. Kamerschen D.R., R.B. Mckenzie, C. Nardinelli, Ekonomia, Gdańsk 1991

6. Type of course

Obligatory

7. Teaching team

Department of Economics and Management

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/15	2	1
Classes	30/15	2	1
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

Lecture – written exam

Classes – constant grading

10. Language:

Polish

ECTS Points

6

1. Name of the subject:

Marketing

2. Description:Lecture:

Company on the market. The meaning and importance of marketing. Purchasers' behavior. Marketing information system /SIM/ in a company. Marketing research. Marketing strategy creating process in a company. The product. The price. The distribution. The promotion. The marketing action control. Marketing details of certain business activities.

Practice:

Analysis of some study cases in the range of: analysis of the market, analysis of the company's situation by means of the SWOT and BCG method, analysis of the purchasers' behavior, the clients' market segmentation, key marketing problems identification connected with the specific marketing elements such as: product, price, distribution, promotion.

3. Admitting conditions: it is not in force**4. Guidelines and aims:**

The aim of the lectures of „Basic Marketing” is to teach the key issues about the meaning, the function and the role of marketing, the analysis process of the market environment, building the marketing strategy, rules of creating and the use of the marketing tools as well as the methods of conducting the market research. Theory will make the base for building up the practical part of the course, which will include the analysis of some study cases describing the current problems of Polish companies. By learning the theory and taking part in the practical part, the students should learn to identify the key marketing problems of the company, to use the rich marketing tools as well as to draw the conclusions and future suggestions.

5. Bibliography:

1. Kotler P.: *Marketing*, Dom Wydawniczy Rebis, 2005.
2. Kotler P., Armstrong G., Saunders J., Wong V.: *Marketing. Podręcznik Europejski*. PWE, Warszawa 2002
3. Altkorn J. (red.): *Podstawy marketingu*, Instytut Marketingu. Kraków 2002
4. Garbarski L., I. Rutkowski, W. Wrzosek: *Marketing. Punkt zwrotny nowoczesnej firmy*, PWE. Warszawa 2001
5. Przybyłowski K., Hartley S., Kerin R., Rudelius W.: *Marketing*, Dom Wydawniczy ABC, 1998.

6. The subject character - obligatory**7. Academic staff**

Departament of Entrprise end Marketing Science

8. The length and timetable:

Form	Number of hours	Semester	Study year
Lectures	30 / 15	2	1
Practice	30 / 30	2	1
Laboratories			
Projects			
Seminaries			
Conversation			
Total student's work input	180		

9. Methods of evaluation

lecture – examination

practice - credit

10. Language – Polish

ECTS Points

6

1. Name of the subject:

Marketing

2. Description:Lecture:

Company on the market. The meaning and importance of marketing. Purchasers' behavior. Marketing information system /SIM/ in a company. Marketing research. Marketing strategy creating process in a company. The product. The price. The distribution. The promotion. The marketing action control. Marketing details of certain business activities.

Practice:

Analysis of some study cases in the range of: analysis of the market, analysis of the company's situation by means of the SWOT and BCG method, analysis of the purchasers' behavior, the clients' market segmentation, key marketing problems identification connected with the specific marketing elements such as: product, price, distribution, promotion.

3. **Admitting conditions:** – passing „The Management Bases” course

4. Guidelines and aims:

The aim of the lectures of „Basic Marketing” is to teach the key issues about the meaning, the function and the role of marketing, the analysis process of the market environment, building the marketing strategy, rules of creating and the use of the marketing tools as well as the methods of conducting the market research. Theory will make the base for building up the practical part of the course, which will include the analysis of some study cases describing the current problems of Polish companies. By learning the theory and taking part in the practical part, the students should learn to identify the key marketing problems of the company, to use the rich marketing tools as well as to draw the conclusions and future suggestions.

5. Bibliography:

1. Kotler P.: *Marketing*, Dom Wydawniczy Rebis, 2005.
2. Kotler P., Armstrong G., Saunders J., Wong V.: *Marketing. Podręcznik Europejski*. PWE, Warszawa 2002
3. Altkorn J. (red.): *Podstawy marketingu*, Instytut Marketingu. Kraków 2002
4. Garbarski L., I. Rutkowski, W. Wrzosek: *Marketing. Punkt zwrotny nowoczesnej firmy*, PWE. Warszawa 2001
5. Przybyłowski K., Hartley S., Kerin R., Rudelius W.: *Marketing*, Dom Wydawniczy ABC, 1998.

6. **The subject character** - obligatory

7. **Academic staff** – Marketing Department

8. The length and timetable:

Form	Number of hours	Semester	Study year
Lectures	30 / 15	2	1
Practice	30 / 30	2	1
Laboratories			
Projects			
Seminaries			
Conversation			
Total student's work input	180		

9. Methods of evaluation

lecture – examination

practice - credit

10. **Language** – Polish

ECTS credits

6

1. Course name

Mathematics

2. Course descriptionLecture

Differential calculus of functions of one variable: basic methods of determination of a limit of a function, continuity of a function, derivative of a function and its economical interpretation; basic theorems of differential calculus, an application in solving optimization problems, an investigation of economical functions. Integral calculus of functions of one variable: basic notions, basic methods of determination of indefinite and definite integrals, an application of integral calculus in economics, geometry and statistics. Elements of linear algebra: matrices, determinants, systems of linear equations and inequalities, basic methods of solving systems of linear equations and inequalities, the Gaussian algorithm, an application of matrix analysis in economics and management. Basics of theory of functions of several real variables: a function of two or several variables, partial derivatives, differentiability of a function, extrema, applications in economics and management. Differential and difference equations - applications in economics and management.

Classes

Solving of computational problems from the following area: determination of a limit of a function, determination of derivatives of first and higher orders of a function, computation of indeterminate limits of functions, investigation of extrema and a convexity of a function, investigation of properties of a function, determination of indefinite and definite integrals, operations on matrices, computing of determinants of matrices, methods of solving systems of linear equations and inequalities.

3. Prerequisites

None.

4. Aim of the course

During the lessons students learn to apply elements of mathematical analysis and linear algebra in description and analysis of basic problems in economics and management.

5. Literature

4. M. Gewert, Z. Skoczylas, *Analiza matematyczna 1 i 2*, Oficyna Wydawnicza GiS, Wrocław, 2007.
5. T. Jurliewicz, Z. Skoczylas, *Algebra liniowa 1*, Oficyna Wydawnicza GiS, Wrocław, 2007.
6. A Piwecka-Staryszak (red.), *Wykłady z matematyki dla studentów uczelni ekonomicznych*, Wydawnictwo Akademii Ekonomicznej we Wrocławiu, Wrocław, 2004.
7. J. Abtowa, K. Piasecki, T. Różański, Z. Świtalski, *Matematyka wspomagająca zarządzanie*, Wydawnictwo Akademii Ekonomicznej w Poznaniu, Poznań, 2002.

6. Type of course

Obligatory.

7. Teaching team

Department of Basic Sciences.

8. Course structure

Form	Number of hours	Semester	year
Lecture	15	1	1
Classes	30	1	1
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Lecture – written test, classes – credit.

10. Language:

Polish

ECTS credits

6

1. Course name

Microeconomics

2. Course description

1. The nature and method of economics. 2. The economizing problem. 3. Market economy. 4. Market equilibrium. 5. Price elasticity of the supply and the demand. 6. Theory of utility. 7. Production costs. 8. Company on the perfect competition market. 9. Monopoly. 10. Monopolistic competition. 11. Oligopoly. 12. Production factors markets. 13. Risk in making choices.

3. Prerequisites

none

4. Aim of the course

To understand the essence of the economic decisions optimisation, to explain the working of market and competition; to teach the abstract thinking, to understand and to interpret market processes, to create bases for developing the economic knowledge about company and market.

5. Literature

1. 1. Sloman J.: *Podstawy ekonomii*, PWE 2001.
2. Begg D., Fisher S., Dornbusch R.: *Ekonomia*, Warszawa 1998.
3. Samuelson P.A., Nordhaus W.D. *Ekonomia*, Warszawa 1993.
4. D.R. Kamerschen, R.B. McKenzie, C. Nardinelli, *Ekonomia*, Gdańsk 1991

6. Type of course

Obligatory

7. Teaching team

Department of Economics and Management

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/15	1	1
Classes	30/30	1	1
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Lecture – written exam

Classes – constant grading

10. Language:

Polish

ECTS credits

3

1. Course name

Methods of organization and management

2. Course description**Lecture**

1. Basic concerning notions of methods of the organization and managements and their classification
2. The method diagnostic , prognostic and mixed of the improvement of the organization
3. Chosen heuristic methods as the kind of methods of the treat of the decision
4. The value analysis of the firm (the origin of the method , the creature , guilds
5. Methods and practical technicses in the diagnosis of the organization and to the management
6. The management by aims (the creature of the method , methodical rules, conditionings of the usage)
7. The management by exceptions (the creature of the method , methodical rules)
8. The management sometime, methods of the planning of the course of the work
9. Lean management and outsourcing as methods „of slimming management”
10. Benchmarking as the tool of improving of the organization
11. The approach of a law suit to the organization – the reengineering idea's

3. Prerequisites

The credit of the price the Organization and the Management

4. Aim of the course

The introduction of students with basic methods and practical technicses in the organization and the management with the firm, the purchase of the skill of the utilization of most important methods and of technicses of the organization and managements with the firm.

5. Literature

1. Bieniok H. and the team: Methods of the efficient management ,Placet, Warsaw 2001 ,
2. Antoszkiewicz J., Pawlak Z.: Management techniques. The efficient Management with the firm , Poltext Warsaw 2000
3. Martyniak Z.: Methods of the organization and managements , AE in Cracow , Cracow 1999 ,
4. Zimniewicz K.: Present ideas and methods of the management , PWE , Warsaw 2001

6. Type of course:

Obligatory

7. Teaching team:

Department of Economics and Management

8. Course structure:

Form	Number of hours	Semester	year
Lecture	15/15	4	2
Classes	15/0	4	2
Laboratory			
Project			
Seminar			
Total student's workload	45		

9. Conditions of the course acceptance:

The written examination

10. Language:

Polish

ECTS credits

4/4

1. Course name

International economic relations

2. Course descriptionLecture and classes

The beginnings and development of world economy. Classical, neoclassical and alternative theories of international trade. International division of labour. The structural changes in the global economy. Trade policy. Free trade and protectionism. The role of World Trade Organisation in the liberalisation of trade exchange. Tools of regulating foreign trade : tariffs and others. The norms of controlling foreign trade : foreign exchange rate, the factors influencing the exchange rate, the system of stable and flexible rates, the rate risk, the influence of the exchange rates changes on the balance of payments. International monetary system and currency market. Automatic adjustment mechanism – pricing, profit and monetary. Adjustment policy. The proces of economic integration in the global economy. European integration. The problems of globalisation of the world`s economy.

3. Prerequisites

Course of “Microeconomics”, “Macroeconomics”

4. Aim of the course

Description of modern global economy, international division of labour and problems resulting from globalisation of ecomic connections. Characteristics of the essence of the open economy. Helping to gain ability to understand mechanisms and instruments influencing economic cooperation with foreign countries, mainly trade exchange and financial connections. Understanding the role of international institutions in shaping cooperation in the global economy.

5. Literature

1. P. Krugman, M. Obsfeld, *Międzynarodowe stosunki gospodarcze*, PWN t. 1 (1993); t. 2 (1994) i kolejne wydania
2. S. Miklaszewski (red.), *Międzynarodowe stosunki gospodarcze*, Wyd. Difin, Warszawa 2006
3. Rett R. Ludwikowski, *Regulacje handlu i biznesu międzynarodowego*, Dom Wyd. ABC, t. 1 1996, t. 2 1998 i kolejne wydania
4. J. Kotyński (red.), *Globalizacja i integracja europejska*, PWN, Warszawa 2005

6. Type of course

Obligatory

7. Teaching team

Department of Economics and Management

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/30	3	2
Classes		3	2
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance:

Lecture – examination, classes - written test are the conditions of ranking the classes

10. Language:

Polish

ECTS credits

3

1. Course name

Negotiation in business

2. Course description

1. Comprehension, essence, genesis of negotiations.
2. Connection between negotiations and marketing.
3. Characteristics and skills of a good negotiator.
4. Composition of negotiating team and role of its particular members.
5. Links of a chain of relaying information in negotiations.
6. Types of negotiations and criteria of their separation.
7. Activities during the process of preparation to negotiations.
8. Course of conversations during the essential phase.
9. Final phase and its meaning regarding future contacts.
10. Formulation of strategies in negotiations- conversations based on principles.
11. Styles of conversations during negotiations and their conditioning.
12. Tactics in negotiations and their connection with the strategy of conversations.
13. Typology of negotiators and its practical usefulness.
14. Structure and application of the scenario of negotiations.
15. Influence of cultural and ideological differences on the course of negotiations (negotiations with foreign partners)
16. Non-verbal communication during negotiations.

3. Prerequisites

passing grade in "Marketing"; "Basics of Business" courses

4. Aim of the course

relaying theoretical and practical knowledge within the scope of business negotiations

- preparation to conducting negotiational conversations through learning basic rules of communication process with contracting party
- learning and practicing skills of using various strategies and tactics to achieve desired outcome
- learning and understanding behaviours during negotiations as well as gaining skills to influence the above behaviours
- gaining expertise of problem solving of various dilemmas during negotiations
- enabling students to gain as extensive as possible look into negotiations including managerial as well as ethical aspect.

5. Literature

1. R.Fisher, W.Ury, B.Patton: "Achieving the Agreement. Negotiations without Surrender." PWE (National Publishing House of Economics), Warsaw 2004.
2. Necki: "Negotiations in Business", edition by the Professional School of Business, Krakov, 2000 and later editions.
3. U.Kalazna-Drewinska, "Negotiations in Business. Key Problems", Academy of Economics, Wroclaw 2006.
4. D.A.Lax, J.K.Sebenius: 3D Negotiation: Powerful Tools to Change Game in Your Most Important Deals. Publishing Haus MT Business, Warsaw 2007

6. Type of course

compulsory

6. Teaching team

Department of Science on Enterprise and Marketing

7. Course structure

Form	Number of hours	Semester	year
Lecture	30 / 15	3	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	90		

8. Conditions of the course acceptance:

continuous mark, final (written test)

Language:

Polish.

ECTS credits

4

1. Course name:

Organizational behaviors

2. Course description:

The subject and the range of human behaviors in an organization. Global scale. Personality factors. Theories of motivation. Communication in an organization. Leadership in an organization. Conflicts in an organization. Culture of an organization. Change and improvement in an organization.

3. Prerequisites

Completed course of Microeconomics

4. Aim of the course

Providing students with the knowledge of the behavior of the individuals and groups working in organizations. Presenting the knowledge of mechanisms, regularities and processes of human behaviors in an organization. Presenting tools of exerting effective influence on an organization.

5. Literature

1. Robbins S.P. *Zachowania w organizacji*.
2. Mika S. *Psychologia społeczna*.
3. Łucewicz J. *Socjologiczne spojrzenie na organizację*.
4. Scott W.E., L.L. Cummings (ed.) *Zachowania człowieka w organizacji*.

6. Type of the course

Obligatory

7. Teaching Team

Department of Sociology and Public Communication

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/30	2	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	120		

9. Conditions of the course acceptance

Examination at the end of the course, group work

10. Language

Polish

ECTS credits

6

1. Course name

Basics of management

2. Course descriptionLecture

1. The organization and her creature: The material, functional and attribute apprehension of the organization; reasons of the creation of the organization; the environment of the organization: Geographical, biological, social. 2. The management – of the practitioner, the art, the science: Marking of aims in the organization, the hierarchy of aims in the organization, the treatment of the decision in the area of the management. 3. The hierarchy of the management in organizations: The strategic management (notions of the mission, the vision, the strategy); the operating - management as the executive system. 4. The management across functions. 5. The planning as the function of the management: The creature of the planning; rules of the planning; kinds of plans in organizations. 6. The organization as the function of the management: measurements of organizational structures; factors; the typology of organizational structures. 7. The motivational function of the management: Well-known motivational theories; the classification of motivational tools; the selection and the improvement of motivational tools. 8. The leadership and his meaning in the management: Styles of the control – the definition, basic kinds; basic controlling skills – the characterization; elements of the intelligence emotional in the management with people. 9. The inspection as the function of the management: The notion of the inspection, her creature and the meaning; kinds of the inspection; the relationship between the planning and the inspection. 10. Cultural conditionings of the management: The creature of the organizational culture; kinds of organizational cultures. 11. Directions in the learning about the management leaning for the paradigm of the structural rationality: The scientific management, the administrative trend. 12. Directions in the science about the management leaning for the paradigm of the subjective domination: Experiments E. Mayo, the holistic character of the humanity in the idea A. Maslow and; D.Mc Gregor idea's. 13. Directions accepting for point of departure the paradigm of the situational equilibrium. 14. Present ideas of the management: The theory of the organizational game, the theory of processes integrated, the complex management with the quality.

3. Prerequisites

none

4. Aim of the course

The introduction of students with the problems of the management with the firm. Under of the seizures appears the possibility of the recognition of the object of research of the science about the management and the assimilation of the language to which it makes use. The purchase of the skill of the utilization of the knowledge from the range of the planning in the organization, buildings of schemata of organizational structures, building of schemata of the organizational structure and performances of the supervisory function.

5. Literature

- 1.R.W. Griffin: : Bases of the management with organizations, PWN, Warsaw 2000,
- 2.A.K. Koźmiński, W. Piotrowski: The management. The theory and the Practitioner, PWN, Warsaw 2002,
- 3.I. Robbins, D.De Cenzo: : Bases of the management, PWE, Warsaw 2002,
- 4.M. Przybyła: The organization and the management. Bases of manager knowledge, AE in Wrocław, Wrocław 2003

6. Type of course

Obligatory

7. Teaching team

Department of Economics and Management

8. Course structure

Form	Number of hours	Semester	year
Lecture	30	2	1
Classes	30	2	1
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

The written examination

10. Language: Polish

ECTS credits

1

1. Course name

Introduction to controlling

2. Course descriptionLecture

1. Concept and origins of controlling
2. Controlling in the system of management
3. Control versus controlling
4. Types of controlling
5. Strategic controlling and operational controlling
6. Controlling's instruments
7. Information support for controlling

3. Prerequisites

Introduction to financial accounting, Introduction to management

4. Aim of the course

- **knowledge:** introducing the concept and instruments of controlling which find its application in all the functional areas of the company
- **skills:** acquiring skills in information application regarding anticipated/real costs and performance results, establishing and assessment of discrepancies between the results and objectives

5. Literature

1. Controlling w działalności przedsiębiorstwa, red. E. Nowak, PWE, Warszawa 2004.
2. Controlling w przedsiębiorstwie. Koncepcje i instrumenty, red. E. Nowak ODDK, Gdańsk 2003
3. Nesterak J., Controlling: system oceny centrów odpowiedzialności, Anvix, Kraków 2004
4. Tyrała P., Stęplewski B., Controlling nowoczesną metodą zarządzania strategicznego. Wyd. Adam Marszałek, Toruń 2004
5. Controlling funkcyjny w przedsiębiorstwie, red. M. Sierpińska, Oficyna Ekonomiczna, Kraków 2004

6. Type of course

Obligatory

7. Teaching team

Department of ...

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	15/10		

9. Conditions of the course acceptance

...

10. Language

Polish

ECTS credits

4/4

1. Course name

Economic policy

2. Course descriptionLecture and classes

The basis of international economic integration, defining criteria, the aims of integration and its reasons. The models of international and supranational economic integration. The mechanisms of the integration in the market economy: models of customs union and common market. The programme of the internal market, the phases, the basis. The protection of competition in the united market. Theoretical conception of competition. European competition policy (towards companies and national help). The programmes supporting the common market and counteracting its inefficiencies (the industrial policy, R+D policy, enterprising policy, environmental protection policy). The kinds of inefficiencies behind the common market. Dilemmas of 'widening' or 'deepening' of integration. Social, economic and territory cohesion. Theoretical grounds for sources of regional differentiation. The role and tools of regional policy. Macroeconomics of European integration- Monetary and economic union. Theory and practice of economic and monetary union. The theories of optimal monetary areas. The costs and profits of joining the monetary union (the theoretical approach based on the experiences of the countries forming the Euro zone) The plan of introduction of the monetary union and its implementation. Institutions and implementation of the currency policy inside monetary union. The sources of economic growth and employment in the EU. The economic growth – the theory and reality. The hypothesis of convergence in the theory of economic growth. Employment during the economic growth. The potential of employment in the EU. Finances and budget of the EU.

3. Prerequisites

Course of "Macroeconomics"

4. Aim of the course

Giving knowledge about the theory of integration, modes of international economic integration, institutional forms of integration and mechanisms of market integration. The common market. The economic and monetary union. The problems connected with the issue of economic and structural policies implemented by the European Union. Understanding of the basic points, mechanisms and aims of the processes standing behind international economic integration. Implementing the habit of using the knowledge of markets integration and the EU policies to conduct the analysis of functioning the Union and to estimate the chances and potential threats resulting from the processes of integration from the point of view of micro and macroeconomy.

5. Literature

1. K. Gawlikowska-Hueckel, A. Zielińska-Głębocka, *Integracja europejska. Od jednolitego rynku do unii walutowej. Podręcznik ekonomii europejskiej*, Wyd. C.H. Beck, Warszawa 2004
2. Z. Wysokińska, J. Witkowska, *Integracja europejska*, PWE, Warszawa 2004
3. J. Pietrucha, *Strefa euro. Porządek pieniężny i stabilność makroekonomiczna*, Wyd. AE w Katowicach, Katowice 2003
4. L. Oręziak, *Finanse Unii Europejskiej*, PWN, Warszawa 2004
5. E. Dynia, *Integracja europejska*, Wyd. Lexis Nexis, Warszawa 2006

6. Type of course

Obligatory

7. Teaching team

Department of Economics and Management

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/20	3	2
Classes	15/10	3	2
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Lecture – examination, classes - written test are the conditions of ranking the classes

10. Language:

Polish

ECTS credits

5

1. Course name

Law on public and private economic activities

2. Course descriptionLecture

Notion of business law; system of business law; source of public economic activities and rules of law; legal relations of the scope binding force of public business law; legal grounds influence of the state on the national economy; economic administration nation and state administration system.

Economic activity law; economic activity in Poland and UE; form of law to run an economic activities: individual, artificial person, commercial company, association of capital, civil partnership as entrepreneurs, state-owned enterprise, public artificial persons.

Bankruptcy proceedings. Grounds for declaration of bankruptcy, legal consequences for declaration of bankruptcy.

State control in national economy. Consumer and competition protection.

3. Prerequisites

none

4. Aims

Demonstration to the students basic principles and institutions of public and private business law, demonstration of the influence of the state on the economy especially on the market economy; basic sources of public and private business law, legal forms of running a business.

5. Literature

C. Kosikowski, *Publiczne prawo gospodarcze Polski i UE*, wyd. I, LexisNexis, Warszawa 2005

W. Katner (red.), *Prawo cywilne i handlowe w zarysie*, Zakamycze 2004

A. Koch, J. Naperała (red.), *Prawo spółek handlowych*, Zakamycze 2005

Banasiński, H. Gronkiewicz-Walcz, M. Wyrzykowski, D. Szafranski, M. Wierzbowski, *Prawo gospodarcze. Zagadnienia administracyjnoprawne*, wyd. 5 LexisNexis, Warszawa 2005

1. Ustawa z 15.09.2000 r. Kodeks spółek handlowych (Dz. U. 2000 nr 94, poz. 1037)

2. Ustawa z 20.08.1997 r. o Krajowym Rejestrze Sądowym (Dz. U. 2001 nr 17, poz. 209)

3. Ustawa z 2.07.2004 r. o swobodzie działalności gospodarczej (Dz. U. 2004 nr 173, poz. 1807)

6. Type of course

Obligatory

7. Teaching team

Department of Science on Economy and European Law

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/15	3	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	150		

9. Conditions of the course acceptance:

Classes and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS Credits

6

1. Course name:

Science about organization

2. Course description:

The development of the science about organization. Kinds and types of the organization - their aims. Forms legally - organizational and possessional. Resources, fortune and potential of organization. The system of function, processes and undertakings in organization. Organizational changes. Present ideas of administering with organization. Cooperation in organization. Organizations in the future.

3. Prerequisites:

none

4. Aim of the course:

The introduction of students with problems of science about organization. Developing skills of understanding of theoretical basics, forms and generalities of working of organization.

5. Literature:

1. B. Kożuch: Nauka o organizacji., CeDeWu, Warszawa 2007,
2. A.K. Koźmiński, W. Piotrowski: Zarządzanie. Teoria i Praktyka, PWN, Warszawa 2002,
3. R.W. Griffin: Podstawy zarządzania organizacjami, PWN, Warszawa 2000,
4. M. Przybyła (red.): Organizacja i zarządzanie. Podstawy wiedzy menedżerskiej, Wyd. AE we Wrocławiu, Wrocław 2003

6. Type of the course:

obligatory

7. Teaching team:

Department of Economics and Management

8. Course structure:

Forma	Liczba godzin	Semestr	Rok studiów
Lectures	30 / 15	2	1
Classes	30 / 30	2	1
Laboratory			
Project			
Seminar			
Total student's workload	180		

9. Conditions of the course acceptance:

Written test, constant grading

10. Language:

Polish

ECTS credits

1

1. Course name

Diploma seminar

2. Course description4th semester: Methodology and selection of diploma thesis topics.**3. Prerequisites**

3 semesters completed;

4. Aim of the course

The student will learn how to organize the process of writing diploma thesis.

The student will learn research methods.

The student will learn how to formulate research problem, conducts research and analyse its results

5. Literature

1. Pułło A., Prace magisterskie i licencjackie. Wskazówki dla studentów, PWN, Warszawa 2001;

2. Pioterek P., Zielenicka B., Technika pisanie prac dyplomowych, Poznań 1997.

3. Urad S., Ładoński W., Jak napisać dobrze pracę magisterską, Wrocław 1997

4. Zaczyński W., Poradnik autora prac seminaryjnych dyplomowych i magisterskich, Warszawa 1995

6. Type of course

Compulsory

7. Teaching team

According to the specialization;

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes			
Laboratory			
Project			
Seminar	15/12	4/4	2/2
Total student's workload	15		

9. Conditions of the course acceptance:

Lecture: conversations, writing;

10. Language:

Polish

1. Course name:

Sociology

2. Course description:

The place of sociology among other social sciences. The subject and functions of general and specific sociology. Natural, economical and cultural considerations of social life. Mass culture and its influence on social and work processes. Cultural diffusion and cultural heritage as factors of social and economical development. The man vs. social environment. Sociological model of man. The question of personality in social sciences. Work vs. personality. Economic mentality of the individual vs. their participation in economic and social processes. Socio-psychological characteristics of relations and relationships: needs – motivations – bases – behaviors. Social bonds as the basis for the emerging of social groups. Public institutions and their functions. Characteristics of total institutions. Social norms and values as the elements of the social organization of the group. Most important groups in the life of the individual. Characteristics of the basic social processes (adaptation, cooperation, conflict, disorganization, social mobility). Social problems of the Polish society in the period of political transformation. Research in social development. Elements of chosen theories of social development (Plato, Condorcet, Turgot, Popper). Social stratification (social classes). The society and its sociopolitical organization. Nation as a group having the features of a community. Nation and other contemporary ethnic groups. Bureaucracy in modern social institutions. Development of self-government institutions during transformation. Basic methods and techniques of sociological research.

3. Prerequisites

None

4. Aim of the course

The main goal is to show the complexity of the social reality, consisting of social groups, institutions, processes and phenomena. Presented methods and techniques of sociological research are also supposed to show the possibility of getting to know this reality. One of the goals of the course is also showing the possibility of using sociological knowledge in other social sciences.

5. Literature

1. B. Szacka, *Wprowadzenie do socjologii*. Warszawa, OW 2003
2. P. Sztompka *Socjologia. Analiza społeczeństwa*. Kraków, ZNAK 2002
3. Z. Polakowska-Kujawa (editor) *Socjologia ogólna*. SGH, Warszawa 1999

6. Type of the course

Obligatory

7. Teaching Team

Department of Sociology and Public Communication

8. Course structure

Form	Number of hours	Semester	Year
Lecture	30/30	1	1
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance

Term assignments and coursework

10. Language

Polish

ECTS credits

8

1. Course name

Strategy of organization development

2. Course descriptionLecture

Strategy definition. Basis of strategic management. Schools of Thought on Strategy and Strategic Management. Models of strategic analysis. Role of top management in strategic management process. Methods of strategic analysis. Assessment of the external environment. Sector analysis. Analysis of Resources, Capabilities, Competencies. Assessment of strategic position. Strategy typology. Strategy implementation and controlling.

Laboratory**3. Prerequisites**

Completed courses on: management basis, enterprise basis;

4. Aim of the course

The student will learn on current strategic management issues.

The student will prepare strategic analysis project.

5. Literature

1. Zarządzanie strategiczne. Wydawnictwo AE We Wrocławu, Wrocław 2000.
2. Porter ME.: Strategie konkurencji. Metody analiz sektorów i konkurentów, PWE, Warszawa 1992.
3. Gierszewska G., Romanowska M.: Analiza strategiczna przedsiębiorstwa, Warszawa 2003.
4. Gołbiewski T.: Zarządzanie strategiczne. Planowanie i kontrola, Difin, Warszawa 2001.

6. Type of course

Obligatory

7. Teaching team

Department of Science on Enterprise and Marketing

8. Course structure

Form	Number of hours	Semester	year
Lecture	30/12	3	2
Classes	30/12	3	2
Laboratory			
Project			
Seminar			
Total student's workload	240		

9. Conditions of the course acceptance:

Lecture: written exam;

10. Language:

Polish

ECTS credits

1

1. Course name

Business Plan

2. Course descriptionLecture

1. Meaning and functions of Business Plans.
2. Substantive scope of Business Plan.
3. Methods of Strategic Analysis used for preparation of Business Plan.
4. UNIDO Methodology for financial evaluation
5. Examples of Business Plans.

3. Prerequisites

Introduction to Management

4. Aim of the course**knowledge** of methodology of preparation of Business Plans (esp. for medium and small businesses)**skills:** preparation of Business Plan**5. Literature**

1. Behrens W., Hawranec C., Poradnik przygotowania przemysłowych feasibility study. Wyd UNIDO1999r
2. Filar E., Skrzypek J., Biznes plan. Wyd. Poltext, 2005.
3. Gierszewska M., Romanowska W., Analiza strategiczna przedsiębiorstwa, PWE Warszawa 2003r.

6. Type of course

Obligatory

7. Teaching team

Department of Economy and Management

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	15		

9. Conditions of the course acceptance

credit, project

10. Language

Polish

ECTS credits

1

1. Course name

Organizational culture

2. Course descriptionLecture

4. Essence and types of organizational culture, rationals for their use.
5. Using organizational culture to form employees behaviour.
6. Creation of elements of organizational culture.
7. Techniques of identification of organizational culture.
8. Creating of programs for change of organizational culture.

3. Prerequisites

Introduction to Management

4. Aim of the course**knowledge** of theory and practice of formation of organizational culture**skills:** evaluation of organizational culture, establishing tasks to form organizational culture**5. Literature**

1. Sikorski C., Ludzie nowej organizacji. Wzory kultury organizacyjnej wysokiej tolerancji niepewności. Łódź 1998r.
2. Organizacja i zarządzanie (pod red. M. Przybyły) Wyd. Akademii Ekonomicznej we Wrocławiu 2001r.
3. Łucewicz J., Organizacyjne zachowania człowieka. Wrocław 1999r.

6. Type of course

Obligatory

7. Teaching team

Department of Economy and Management

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	15		

9. Conditions of the course acceptance

credit, project

10. Language

Polish

ECTS credits

1

1. Course name

Work time management

2. Course descriptionLecture

1. Work time as legal and organizational category.
2. Work day structure and methods of work time efficiency measuring.
3. Conventional and flexible work time model.
4. Flexible forms of work time organization.
5. Methods of work time planning.
 - 5.1. Division of labour.
 - 5.2. Order of tasks.
 - 5.3. Timetables.
 - 5.4. Network planning.
6. Organization of own work time.
 - 6.1. Prioritizing.
 - 6.2. Framework day plan.
 - 6.3. Physiology of work and planning of work.

3. Prerequisites

Introduction to Management

4. Aim of the course**knowledge** of methods and techniques of work time management.**skills:** evaluation of work time management in praxis.**5. Literature**

1. Sciwert L.J., Zarządzanie czasem. Agencja Wydawnicza „PLACET”, Warszawa 1998r.
2. Zarządzanie pracą (pod red. Z. Jasińskiego) Agencja Wydawnicza „PLACET”, Warszawa 1999r.
3. Bieniok H. I zespół, Metody sprawnego zarządzania. Agencja Wydawnicza „PLACET”, Warszawa 2001r.

6. Type of course

Obligatory

7. Teaching team

Department of Economy and Management

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes			
Laboratory			
Project			
Seminar			
Total student's workload	15		

9. Conditions of the course acceptance

test, project

10. Language

Polish

ECTS credits

2

1. Course name

Organization and praxis of Human Resources Management

2. Course descriptionLecture

1. Models of human resources management.
2. Trends in motivation by wages and salaries.
3. Practical aspects of flexible forms of employment and flexible work time.
4. Employees development management systems in praxis of polish companies.
5. Employees selection systems in praxis of polish companies.

3. Prerequisites

Introduction to Management

4. Aim of the course**knowledge:** broadening of knowledge by learning the experience of human resources praxis.**skills:** evaluating of solutions in human resources management based on presented practical solutions.**5. Literature**

1. Armstrong M., Zarządzanie zasobami ludzkimi. Oficyna Wydawnicza. Kraków 2000r.
2. Zarządzanie kadrami (pod red. T. Listwana) Wyd. C.H. Beck, Warszawa 2002r.
3. Wynagrodzenia – rozwiązywanie problemów w praktyce (pod red. S. Borkowskiej). Oficyna Wydawnicza. Kraków 2004r.

6. Type of course

Obligatory

7. Teaching team

Department of Economy and Management

8. Course structure

Form	Number of hours	Semester	Year
Lecture	15/10	4	2
Classes	15/10	4	2
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance

credit, tests

10. Language

Polish

ECTS credits

2

1. Course name

Information Technology

2. Course description**Laboratory**

1. Basis conceptions and definitions used in Computer Science
2. Elements of architecture and functioning of a computer
3. The introduction to the computer usage
4. The Basic characteristics of operational system Windows XP: functions of the operational system
5. TOOL SOFTWARE (ANTIVIRUS PROGRAMS, ARCHIVE, DIAGNOSTIC AND OPTIMIZING)
6. Internet: characteristics, functions and usage of the Internet, the services available in Internet
7. Text editors on the example of WORD 2003: the edition of the complex documents (with many pages), charts, inserting of the graphics (advanced methods), the edition of the mathematical formulas, the table elements of documents (paginations, headlines, FOOTER), creation of the contents and index (subscripts, superscripts), tabulator, NUMBERING, bullets formatting a text in columns, the serial correspondence, forms, automation of the work, planning and creating professional documents and publications, computer composing of the compact descriptions
8. Computer data analysis (the area of usage of the data analysis), the rule of sheet's creation, types and structures of data, implementation and formatting of data, basic statistical analysis. The advanced topics: the elements of programming in CALCULATING SHEET, management of the sheets and folders, sheet as the data basis (addition of the records, sorting and managing the lists, using filters, sheet for the group work, advanced formulas and functions, presentations of the graphical data- MICROSOFT MAP, presentations and preparations of large printed papers, advanced operations on lists (pivot tables, chart), macrodefinitions, preparations of algorithms of economic problems.
9. Work in program used for creating the presentations Power Point or FLASH
Preparing own presentation

3. Prerequisites

none

4. Aim of the course

The main goal of the lecture is the introduction of the basic informatical knowledge about the using of the most commonly used software. Learning students about the basic definitions, practical skills and learning them how to perceive, formulate and solve the problem. The usage of the information technology while creating the own basis of the intellectual work: conversion of texts, the rules of using the calculating sheet, data basis, the manager's graphics and presentations and services in informatic nets

5. Literature

1. R. Supranowicz, L. Łozowski, *Systemy operacyjne Windows oraz Microsoft Office 2000 w praktyce*, PWSZ im. Witelona w Legnicy 2005
2. A. Bąk (red.), *Wprowadzenie do informatyki dla ekonomistów*, Wyd. AE Wrocław 2000
3. Z. Dec, R. Konieczny, *ABC...komputera 2000*, EDITION 2000, Kraków, 2000
4. K. Kluczna, *ABC...Windows 2000*, EDITION 2000, Kraków, 2000

6. Type of course

Obligatory

7. Teaching team

Department of Computer Systems

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30/30	2	1
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

laboratory and written test are the conditions of ranking the lecture

10. Language:

Polish

ECTS credits

1 + 1

1. Course name

English

2. Course description**Thematic scope of the course:**

1. Autopresentation , telling about yourself in the professional context, about your future career ambitions, interests, contemporary world./ 4 hours
2. Earning a Living. / 8 hours
 - 2.1 Wages and living standards.
 - 2.2 Job roles and types- agriculture, industry, services.
 - 2.3 Applying for a job. Job interviews.
 - 2.4 Employer/ employee relationships.
3. Business correspondence. Practising writing memos. / 6 hours
4. Production and Sale of Goods and Services. / 8 hours
 - 4.1 Distribution: origin and destination of product.
 - 4.2 Retail and wholesale outlets: competition between small shops and supermarkets.
 - 4.3 New markets and products.
 - 4.4 Quality and customer service.

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2), needed in the cooperation with foreign business partners in the field of Business English taking into account preparation and practice for LCCI English for Business exams (preliminary level, level 1, level 2, level 3).

5. Literature

How to Pass English for Business Second Level. The Official LCCI Examinations Board Guide.
 Trappe, T., G. Tullis and Ch. Johnson. 2005. *Intelligent Business Intermediate.* Longman.
 Sweeney, S. 2000. Business English. *Marketing.* Longman.
 Flinders, S. 2000. Business English. *Intermediate.* Longman.
 McKellen, J.S. 2000. Business English. *General Usage.* Longman.
 Viney, P. and K. Viney. 1997. *Handshake. A Course In Communication.* Oxford University Press.
 Comfort, J. 1995. *Speaking Effectively.* Cambridge University Press.

6. Type of course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30 i 30	3 i 4	2
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

Punkty ECTS

1

1. Course name

German

2. Course description**Thematic scope of the course:**

1. Welcoming guests to a company.
 - 1.1 Inviting guests – formal business correspondence.
 - 1.2 Autopresentation and presenting associates, job position names.
 - 1.3 Scope of duties – making description.
2. At workplace.
 - 2.1 Basic duties and activities at work.
 - 2.2 Telephone calls, leaving and conveying information.
 - 2.3 Office equipment.
3. Arranging a meeting.
 - 3.2 Arranging the date and time of the meeting.
 - 3.3 Day and week planning in the company calendar.
4. On a business trip.
 - 4.1 Means of transport: train , aeroplane.
 - 4.2 Train and flights connections - giving descriptions.
 - 4.3 Hotel reservations, checking into a hotel.

3. Prerequisites

none

4. Aim of the course

Acquisition of skills at A2 level helpful in language communication appropriate for the field of study of Business Management.

5. Literature

KONTAKT DEUTSCH, Kursbuch, Udo Miebs, Leena Vehovirta, wyd. Langenscheidt
 DEUTSCH IM BÜRO
 UNTERNEHMENSDEUTSCH

6. Type of course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30/30	3	2
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

tutorials

10. Language:

Polish

ECTS credits

1

1. Course name

English

2. Course description**Thematic scope of the course:**

1. Transport/ 8 hours
 - 1.1 Types of transport in Poland for:
 - 1.1.1 The individual
 - 1.1.2 Commerce and industry
 - 1.2 Local infrastructure – road, rail, sea, air transport.
 - 1.3 Existing problems and future improvements.
2. Business correspondence. Practising writing articles. / 6 hours
3. Communications- the effects on business and individuals /8 hours.
 - 3.1 Media: TV, newspapers, Internet, advertisement
 - 3.2 Information technology: computers, PCs
 - 3.3 Communications: telephone, fax, e-mail
4. Business correspondence. Practising writing business letters. / 8 hours
5. Education /6 hours.
 - 5.1 The education system in Poland. Trainings and skills.
6. Business correspondence. Text and data reformulation. /8 hours.
7. Travel and tourism. /8 hours.
 - 7.1 The importance of travel to the individual.
 - 7.2 Tourism and the local area.
 - 7.3 Tourism In a nation`s economy.
8. Exam practice. /8 hours.

3. Prerequisites

none

4. Aim of the course

Acquisition of language abilities at one of the levels (A1-B2), needed in the cooperation with foreign business partners in the field of Business English taking into account preparation and practice for LCCI English for Business exams (preliminary level, level 1, level 2, level 3).

5. Literature

How to Pass English for Business Second Level. The Official LCCI Examinations Board Guide.
 Trappe, T., G. Tullis and Ch. Johnson. 2005. *Intelligent Business Intermediate.* Longman.
 Sweeney, S. 2000. Business English. *Marketing.* Longman.
 Flinders, S. 2000. Business English. *Intermediate.* Longman.
 McKellen, J.S. 2000. Business English. *General Usage.* Longman.
 Viney, P. and K. Viney. 1997. *Handshake. A Course In Communication.* Oxford University Press.
 Comfort, J. 1995. *Speaking Effectively.* Cambridge University Press.

6. Type of course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure

Form	Number of hours	Semester	year
Lecture			
Classes	30	3i4	2
Laboratory			
Project			
Seminar			
Total student's workload	30		

9. Conditions of the course acceptance:

written test

10. Language:

Polish

ECTS Credits

1

1. Course name

Russian

2. Course description:**Thematic scope of the course:**

1. Making contacts, introductions, giving personal information about oneself, family, friends, nationality and occupation, tabular and descriptive CV.
2. Personal outlook, parts of body, clothing, fashion, character features.
3. Daily routine (e.g. tutorials, at university, at faculty), leisure time, everyday activities, interests, style of living.
4. Means of communication: a telephone call, a fax, a letter, the Internet.
5. A flat – room, dormitory description; my town/ town plan, objects' location, asking/telling the way.
6. Travel- means of locomotion, a travel plan, travel agency, the railway station, the airport, accommodation.
7. Free time, leisure, interests, city sightseeing, going to the cinema/theatre.
8. The nature- climate, seasons of the year, weather forecast.
9. Shopping (e.g. gifts/souvenirs), and services, prices and money.
10. Meals- the restaurant, holidays and parties.
11. Health (at the doctor's, the pharmacy, healthy lifestyle).

3. Prerequisites

None

4. Aim of the course

Acquisition of language skills at A2 level, having regard for the skills helpful in situations of language communication appropriate for the field of study of Business Management.

5. Bibliography

H.Granatowska, *Как дела?* 1, wyd. Szkolne PWN, Warszawa 2002

R.Skiba, M.Szczepaniak, *Деловая речь. Для начинающих науку od podstaw*, wyd. REA

M.Fidyk, T.Skup'-Stundis, *Nowe repetytorium z języka rosyjskiego*, Wyd. Szkolne PWN, Warszawa 2000

6. Type of the course

Obligatory

7. Teaching team

Department of Basic Sciences

8. Course structure:

Form	Number of hours	Semester	Year
Lecture			
Tutorials	30/30	3i4	2
Laboratory			
Project			
Seminar			
Conversation classes			
Student total workload	30		

9. Conditions of the course acceptance:

tutorials

8. Language:

Polish

ECTS credits

4

1. Course name:

Production management

2. Course description:

Basic of production management: object and outline the types of decision needed in production management. Product and strategic capacity planning. Process planning. Layout: types of layout, stages in layout optimization. Planning standards: batch, cycle, lead time, inventory. Aggregate production planning. Master planning. Materials Requirements Planning. Capacity planning. Short term scheduling. Just in time production.

3. Prerequisites

Passed courses: Basics Management, Basic Management Sciences

4. Aim of the course

The basic goals of this course are: (1) to help the student gain an exposure to the spectrum of production management decision-making activities, (2) to introduce variety of tools and techniques for helping managers implement their decisions and reach their goals.

5. Literature

1. Waters D. Zarządzanie operacyjne. Towary i usługi. PWN, Warszawa 2001
2. Pasternak K. Zarys zarządzania produkcją. PWE, Warszawa, 2005.
3. Podstawy zarządzania operacyjnego. Pod red. Z. Jasinskiego. Oficyna Wydawnicza, Kraków, 2005.
4. Bozarth C. Handfield R. B. Wprowadzenie do zarządzania operacjami I łańcuchem dostaw. Helion, Gliwice, 2007

6. Type of course

Obligatory

7. Teaching team

Department of Science on Enterprise and Marketing

8. Course structure

Form	Number of hours	Semester	year
Lecture	15/15	3	2
Classes	15/0	3	2
Laboratory			
Project			
Seminar			
Total student's workload	60		

9. Conditions of the course acceptance:

Continuous evaluation, project, written exam

10. Language:

Polish