



UNIVERSITAS
OSTRAVIENSIS

UNIVERSITY OF OSTRAVA

Information Package for Incoming
Socrates-Erasmus Students

Ostrava 2006

University of Ostrava
Foreign relations section
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information
about the university



University of Ostrava
(Ostravská univerzita v Ostravě)

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Websites: www.osu.cz

General Description

The University of Ostrava was founded in 1991 from the former Faculty of Education, which had trained teachers for the North Moravia and Silesia regions from 1953 in Opava and from 1959 in Ostrava. Currently the University has 4 Faculties, 3 Institutes and 1 International Institute run jointly with the Silesian University in Katowice, Poland.

The University has around 7500 students, of which 5400 are full-time. The remaining students are enrolled in distance learning degree courses.

Degree Courses

Biology, Ecology, Modern Languages (Czech, Polish, Russian, English, German, French, and Spanish), Physics, Geography, History, Chemistry, Information Sciencis, Mathematics, Education, Politics, Social Work, Art History, Teacher Training Degrees, Music, Applied Art, Health Care.

University Library

Since 1999 the Library has been located in a new building in the city center. It caters to students, research workers and lecturers, students from other universities and secondary schools, and also the general professional public. The library's automated information process allows users to order selected services electronically, and provides the library with shared catalogues in conjunction with selected libraries and information institutions. The library stocks around 200 000 titles, which are accessible for reference and borrowing. Library users have access to global information through electronic information databases, which primarily contain journal articles. These databases also allow access to full text versions.

Center for Information Technology (CIT)

The CIT manages and maintains the University's computer network and telecommunications equipment, which includes approximately 800 personal computers and 20 servers. Among the CIT's activities are the provision for e-mail and Internet services along with management of the University's information systems. The Center also delivers training and participates in application and research projects. Alongside network and information system and management, the CIT also includes an e-learning support center, a publishing center, and an audio-visual center.

UNIVERSITY OF OSTRAVA



List of University Buildings

Code Location

A Building A, 30. dubna 22, Moravská Ostrava	FoS
B Building B, Českosobratrská 16, Moravská Ostrava	PF
C Building C, Bráfova 7, Moravská Ostrava	FoS
D Building D, Reální 5, Moravská Ostrava	PF, FoA
E Building E, Čs. Legií 9, Mor. Ostrava	PF, FoA
F Building F, Sokolská 17, Mor. Ostrava	PF, Institute for Artistic Studies
G Building G, Mlýnská 5, Mor. Ostrava	PF
H Building H, Zahradní 1, Mor. Ostrava	FoA
I Building I, Slívova 32, Slezská Ostrava	FoS - Botanical Garden
K Building K, Hladnovská 9, Sl. Ostrava	FoS
L Building L, Chittussiho 10, Sl. Ostrava	FoS
M Building M, Bráfova 3, Mor. Ostrava	University Library
N Building N, Kranichova 8, Sl. Ostrava	Halls of Residence
O Building O, Syllabova 19, Ostrava-Zábřeh	MSF
P Building P, Podlahová 3, Ostrava-Mar. Hory	Pedagogical Faculty
R Building R, Dvořákova 7, Mor. Ostrava	University Offices
S Building S, Fr. Šrámka 3, Ostrava-Mar. Hory	MSF
T Building T, Bráfova 5, Mor. Ostrava	CIT
U Building U, Syllabova 19, Ostrava-Zábřeh	MSF
V Building V, Varenská 40, Mor. Ostrava	PF
W Building W, Syllabova 19, Ostrava-Zábřeh	MSF
X Building X, 17. listopadu 1790, Ostrava-Poruba	MSF
Z Building Z, Syllabova 19, Ostrava-Zábřeh	MSF

FoS – Faculty of Science

FoA – Faculty of Arts

PF – Pedagogical Faculty

MSF – Medico-Social Faculty

CIT – Centre for Information Technology



General Study Structure

Extract from the University Study and Examination Regulation

The University of Ostrava Offers the following types of degrees:

- Each degree, Bachelors and Masters, is administered on the basis of a credit study system.
- Doctorate degrees are designed individually and are not subject to the principles of the credit study system.

Schedule for the Academic Year 2006–2007

The academic year 2006–2007 lasts from 1. 9. 2006 to 31. 8. 2007.

Winter semester (13 or 14 weeks of classes)	
Enrolment	01.09.2006–15.09.2006
Regular classes	25.09.2006–22.12.2006
Regular classes of Medico-Social Faculty	18.09.2006–22.12.2006
Winter holidays	25.12.2006–01.01.2007
Examination period	02.01.2007–09.02.2007
Summer semester (13 or 14 weeks of classes)	
Regular classes	12.02.2007–11.05.2007
Regular classes of Medico-Social Faculty	12.02.2007–18.05.2007
Easter holidays	05.04.2007–09.04.2007
Examination period	14.05.2007–29.06.2007
Summer holidays	02.07.2007–31.08.2007

Holidays

Holiday time for Czech universities:

- Christmas from 23 December to 2 January
- Summer holidays (see Academic calendar).

Bank holidays in the Czech Republic

1 January	– New Year's Day
Easter Sunday and Monday	
1 May	– Labour Day
8 May	– Liberation from Nazism (1945)
5 July	– St. Cyril and Methodius, the Slavonic missionaries
6 July	– Master Jan Hus
28 September	– Day of the Czech State
28 October (National holiday)	– Declaration of Independent Czechoslovak State
17 November	– International Students Day
24–26 December	– Christmas holiday

Classes

The basic forms of teaching are lectures, tutorials, seminars, field trips, practical training, special courses, consultation and independent study.

Subjects

Subjects are taught as one semester courses.

Upon agreement from the head of their department, the provider of a subject announces its availability during the first week of classes in the semester, at the latest, and publishes a syllabus of the subject including the following details:

- brief outline of the course content with time schedule
- requirements of students during the semester
- conditions for assessment
- a reading list for independent study.

Each subject is rated according to a specified number of credits which indicates how demanding it is in order to complete a subject course. Students must fulfill all conditions prescribed by the curriculum and the appropriate department in order to gain credits for it.

Degree Curricula

The duration and content of a degree programme and the methods of assessment used are detailed in the degree curriculum. However, with the exception of the first semester, in which the curriculum is composed of compulsory subjects, students can, to a certain extent, individually select and create their own curriculum for any given academic year. The conditions for each subject, and the conditions for enrolment, must be kept. The standard pace of study is 30 credits per semester, i.e. a maximum of 24 periods per week in teaching degrees and 20 periods per week in non-teaching degrees, in which one semester comprises 13 weeks of classes and one period 45 minutes.

Subjects taught in the degree programme are divided into:

- Compulsory
- Compulsory – Optional
- Optional.

Enrollment for the Academic Year

Enrollment for the whole academic year is held at a date, most of which are in september, specified by the dean of each faculty. By enrolling, a student creates a personal curriculum. In selecting subjects, he/she is guided by the standard curriculum of the degree programme, by the instructions of the department's credit system advisor (tutor), the subject syllabus (which contains information about the content of the subject), the number of periods taught, the number of credits, and any restrictions on enrollment.

Students enroll for subjects of all types in order to complete the academic year by obtaining the required minimum of 30 credits and a maximum of 90 credits during one academic year.

Examinations

An examination tests a student's knowledge of a subject and his/her ability to creatively apply this knowledge. Examinations can be oral, written, in practical or combined form. The form of the examination is specified in the syllabus of each subject.

If a student does not meet the requirements set by an examination, he/she is the right to have two more attempts at re-takes.

Examination results are assessed according to a four-grade classification scale:

- Excellent (1)
- Very good (2)
- Good (3)
- Fail (4)

System of Credits

The University uses the European Credit Transfer System (ECTS). This system enables European students to transfer their credits to their own universities more easily. The credits are based on a total of 60 credits points for a full academic year. Per semester a maximum of 30 cps can be accumulated.

the czech republic



The Czech Republic

The Czech Republic is a small country situated in Central Europe. It is historically divided into three regions: Bohemia, Moravia, and a part of Silesia. The total area is 78,866 square kilometers and the country's population is around 10.29 million people. The capital city is Prague (Praha), with 1.2 million inhabitants, and there are 5 other metropolitan cities with a population exceeding 100,000 – Brno, Ostrava, Plzeň, Olomouc, and Liberec.

The Czech Republic shares borders with Germany, Poland, Austria and Slovakia. The country is encircled by mountain ranges – Krkonoše in the northeast; Krušné Hory in the northwest; Šumava in the southwest; Hrubý Jeseník in Moravia and the Moravian-Silesian Beskydy. The highest point of elevation is the peak of Mt. Sněžka (1,602 m above sea level). Many important European rivers (Labe, Odra, Morava, Vltava, etc.) flow through the country.



In the past, a network of ancient trade routes running from east, west, north and south intersected the country and therefore, over the centuries, many nations of Europe have met here and influenced each other's destinies. The Czech lands are virtually a showcase of architectural styles, as reflected in the historic towns, castles and manor houses.

Weather

The Czech climate is marked by continental and oceanic influences. Winters are rather cold, summers warm. The average temperature in July is 19.4 °C, and in January it goes down to -1.5 °C. However, extreme temperatures like +30 °C or -20 °C may also be experienced during the year. The weather is very variable therefore a full range of clothing is recommended.

See the table below for average temperatures during the year:		
January	-5 to +1 °C	(24–34 °F)
February	-5 to +3 °C	(24–37 °F)
March	-1 to +8 °C	(30–47 °F)
April	+4 to +15 °C	(39–59 °F)
May	+9 to +20 °C	(47–68 °F)
June	+12 to +23 °C	(53–74 °F)
July	+14 to +25 °C	(57–77 °F)
August	+13 to +25 °C	(55–76 °F)
September	+9 to +21 °C	(49–70 °F)
October	+4 to +14 °C	(40–58 °F)
November	+2 to +7 °C	(35–45 °F)
December	+1 to +3 °C	(30–38 °F)

The Czech unit of currency is the Czech crown ("koruna", abbreviated "Kč", in English "CZK"). You can get the following denominations:

Coins: 1, 2, 5, 10, 20, 50.

Banknotes: 20 (very rarely), 50, 100, 200, 500, 1000, 2000, 5000.

1 EUR – approximately 29 CZK.

welcome to ostrava



Welcome to Ostrava

Ostrava is the largest city in North Moravia and the administrative centre of the region. The first records of settlement date from the 13th century, when the so-called Ambe Route, an important trade artery, led through the area from the Baltic coast to the Mediterranean. The settlement started to develop quickly in the 18th century, when high quality black coal deposits were discovered, and the fastest industrial and population growth occurred in the 20th century.

Since 1989 the city's face has changed radically. Ostrava has become an important cultural, trade and sporting centre. Coal mining within the city was stopped in 1994. Ostrava's fiscal stability is attested by the "A" rating granted to the city by Standard & Poor's. The last few years have also seen a rapid growth in tourist potential, helped by the city's favourable location close to the Polish and Slovak borders, its wealth of unique industrial architecture and other sights, the rich historical and cultural heritage of the region and the sporting opportunities offered by the nearby mountains and countryside.

In terms of population, Ostrava is the Czech Republic's third city, and in terms of total area its second city. It is an important transport centre, with a highly developed public transport network, five railway stations and an international airport at Mošnov.

Where to Find Cultural Activities?

The city has five permanent theatres, which play opera, drama, ballet and operetta. In addition, there are a range of cultural centres which often stage dramatic and musical events featuring artists from the Czech Republic and abroad. Thousands of culture-seekers visit the traditional annual Leoš Janáček festivals, in the city in May, and in nearby Hukvaldy.

Visitors also greatly enjoy the Puppet Theatre. Every other autumn, Ostrava is enlivened by the Spectaculo Interesse international puppet festival, which gives great pleasure to viewers with big and small.

The city offers high-quality exhibitions at its main Art Gallery, dozens of smaller galleries and other exhibition facilities (for example the exhibition hall at Sokolská 26, the Chagall Graphic Art Centre, the New Hall, the Mlejn (Mill) Gallery, d.Art, Ametyst, Eingang, Magna, Fiducia, "S", and Blondel).

In Ostrava there are 4 cinemas, of which one is multiplex with 8 screens. The area around Stodolní street has recently become a new phenomenon in Ostrava. Five years ago, Stodolní Street was known as a place, which suffered from many negative attributes of an industrial metropolis. Nowadays, it is definitely the most drawing and frolic place in Ostrava. In the last research this fact was confirmed by Ostrava citizens. There are more than 50 clubs and pubs make Stodolní Street really special. People can choose music from the early 60's up today. Stodolní Street is a very popular place visited by thousand of people every weekend. Music clubs are scattered throughout the whole city. The most popular clubs are: Boomerang, Helax Club, Bar...vy, Ta Magica, Desperado, ...etc. More information you can find on the internet at <http://www.ov-kluby.net/>.

One of the biggest music events in the Czech Republic is festival Colours of Ostrava. Colours of Ostrava is the only music festival situated in the centre of the town – the castle area and the Černá Louka fairgrounds.

Technology Which Doesn't Age

Ostrava's industrial history has given its citizens a rich and valuable heritage. The OKD Mining Museum, now well-known across Europe, and the exhibition at the Michal colliery national heritage site, map the history of coal-mining in the city. The mining museum contains a large collection of mining lamps and other equipment, and visitors can go down into a reconstructed coal seam or see the remains of the settlement of mammoth-hunters who once lived on the spot. The exhibition of mine rescue equipment is among the most extensive and valuable in Europe. In addition to an insight into industrial history, the site of the mining museum now offers many opportunities for sport, relaxation and entertainment. Ostrava's iron and steel industry can provide visitors with fascinating excursions, and the city's brewery organises guided tours of the brewing process.

The "green lungs" of the city

Despite Ostrava's rich industrial heritage, it boasts a surprising amount of green spaces – as much as 30m² for each head of population. Many visitors from abroad are surprised at this fact. Within the city boundaries lie the Polanka forest and meadows (122.3 hectares), part of the Odra river national park. The park includes lakes and water meadows, and its wetlands are protected by international nature conservation conventions. Other protected areas include the Rezavka reserve, the Štěpán lake and the Turkov forest reservation. The Landek hill lies above the confluence of the Odra and Ostravice rivers, and offers visitors a marked tourist trail leading to the coal seam surface outcrops and geologically important carbonic layers. In the Moravská Ostrava, Poruba and Kunčice areas of the city there are enormous boulders deposited on the plain during the last ice age. The Professor Pošepný building at the VŠB Technical University houses a wide range of geological exhibits, and nearby is the Planetarium, offering night viewing and educational lectures and meetings.

Sport and Relaxation

Ostrava's green areas and nearby forest have given space for the city to build a large numbers sports facilities. Within the city there are over 200 sports pitches, 5 open or covered stadiums, 122 sports halls, 3 ice rinks, 11 covered swimming pools and 5 open-air swimming pools, including the one in Poruba which attracts hundreds of thousands of Ostrava's citizens every year and is the biggest of its kind in the country. On the site there is a sports equipment hire shop, a mini-golf course, a 100 metres – long toboggan ride, massive slides, tennis courts and other sports pitches. The city has over 260 sports clubs and associations, many catering for disabled people. Ostrava has been integrated into the region's cycle route project, and the city is continually engaged in extending its cycle route network.

It has hosted regular international tournaments such as the Davis Cup and the European Volleyball Championships.

Students can visit the university sports centre on Varenská Street (tennis courts, body-building, gymnasiums) and an indoor swimming pool.

The Surroundings of Ostrava

A student who is interested in the surroundings of Ostrava is not limited in any way. The train or bus will take him/her to wherever he/she wishes.

The proximity of the Beskydy and Jeseníky mountain ranges give inexhaustible possibilities for hiking, cycling routes and ski trails themselves, as well as for lovers of downhill skiing. The nearby dams of Žermanice and Těrlicko and the water reservoir in Hlučín provide opportunities for water sports.

Just outside the city limits lies the much-visited international 18-hole golf course in Šilheřovice, and also close by are two sports airfields in Benešov and in Frýdlant nad Ostravicí.

Among the historic sights around Ostrava are Hukvaldy Castle, Starý Jičín, Sovinec, Helfštýn, the picturesque little town of Štramberk (founded in 1359) with its wellknown "Trúba" tower, the chateau at Jánský hill, Fryštát and the oldest open-air museum in Central Europe – the Wallachian Museum in Rožnov.

It is also possible to make longer trips – for example to Olomouc, Brno or possibly to Prague. These journeys are easy thanks to problem-free train connections.

A stone's throw away is neighbouring Poland, and it is possible to plan a trip, for example, to Opole or Krakow. The same goes for neighbouring Slovakia, which is quite near at hand and well worth a visit, especially for lovers of mountains (such as the High Tatras), hiking and skiing.



studying as a socrates-erasmus student



Studying as a Socrates-Erasmus student

Contact:

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Before you come to Study Here

If you wish to come to Ostrava as a Socrates/Erasmus student check with your home institution Erasmus coordinator whether your University has an Erasmus agreement with the University of Ostrava and obtain application materials.

When you are nominated by your university as an Erasmus student, please fill in the Application Form and Learning Agreement and send them to the central office. We shall approve the AF and LA and send them back to you together with a Letter of Acceptance.

All application documents must be sent to the University of Ostrava Erasmus Faculty Coordinator and must be accompanied by a covering letter from an Erasmus coordinator (either Institutional or Departmental) at your home institution.

Application documents:

- Application Form
- Learning Agreement
- Application for Accommodation.

Most of the forms can be obtained on the University's web site (www.osu.cz).

Kindly note that all documents must be sent before the deadlines listed below. Unfortunately accommodation cannot be guaranteed, if you apply after these deadlines:

- 31 May for the winter semester;
- 31 October for the summer semester.

Residence Permit & Visa

EU students

Students from the European Union countries, Norway, Iceland, Liechtenstein, Switzerland and some other countries do not need a visa to come and study in Czech Republic. To enter the Czech Republic, EU students need only a valid passport or national ID card.

EU citizens may apply for a temporary residence permit if they intend to stay in the Czech Republic more than three months. The following must be attached to the application: a copy of the applicant's passport, a photograph, a document certifying the purpose of the stay, a health insurance policy certificate, and a sworn statement that he/she will not claim social benefits during his/her stay in the Czech Republic.

Temporary residence permit certificates are issued for various periods of validity depending on the purpose for which the temporary residence permit is issued, and the validity of the permit may be repeatedly extended.

Non-EU Students

Students from other countries (non-EU) are required to have a valid visa for their stay in the Czech Republic. For a stay longer than 30 days, students from Bulgaria and Romania need a visa. Students from Turkey need a visa in any case. It is no longer possible to apply for a visa on the territory of the Czech Republic; the application has to be submitted to the Czech embassy or Consulate in the student's home country. It is necessary to apply for visa as soon as one receives the letter of acceptance. The procedure can take up to 60 days.

Tech Czech embassy may require particular documents. The basic documents required for a visa for a stay above 90 days are as follows:

- 1) Original visa application form;
- 2) Letter of Acceptance;
- 3) Valid passport (valid for at least half a year beyond expiry of the visa);
- 4) 2 passport-size photographs;
- 5) Confirmation of accommodation in the Czech Republic;
- 6) Financial contract or other supporting documents of financial support for your stay in the Czech Republic;
- 7) Official extract from the Czech Republic Criminal Record Register, confirming that the applicant has not been prosecuted and punished for criminal acts in the Czech Republic (it is enough to apply for the extract at the Czech Embassy when applying for a visa and agree that the extract will be sent directly to the respective immigration police department.

Health Insurance

As a result of the Czech Republic's accession to the European Union, students from the EU countries, Iceland, Liechtenstein, Norway and Switzerland are entitled to the provision of necessary and urgent health care free of charge. It is only necessary that they have a certified form E 128 from their home country or a European Health Insurance Card, which replaces the paper forms needed. Students are, however, recommended to have supplementary travel insurance from their country.

Students from non-EU countries should check, whether their country is on the list of countries that have concluded a bilateral agreement with the Czech Republic on mutual provision of necessary and urgent health care free of charge.

Not that only care that is "necessary and urgent" is provided, and not, for example routine dentistry. The standard of medical and dental care is good in the Czech Republic, and charges for "non-urgent" care are very reasonable.

After Arriving in Ostrava

Inform staff from the International Department of the faculty about your arrival date in order to be certain that you will be expected at the halls of residence. This applies especially if you are arriving at the weekend. Also request a map and description of the way. Arrange a meeting at the International Department.

After arrival, your first step is to go to your place of accommodation. The first working day after your arrival you will meet a member from the staff of the International Department of the faculty, who will help you arrange all necessary documents for registration at the university (student identification card, university library and canteen registration, a password for access to the university internet network, and other areas). Next you will meet a member of the staff from the department, where you will discuss details of your study plan.

practical information about staying in ostrava



Practical Information about Staying in Ostrava

Accommodation in Ostrava

Students can be housed in halls of residence in Ostrava, or can hire a private flat or room. The difference, of course, is in the price of accommodation. Prices range from a monthly payment of 1520 Czech crowns for a room with three beds, 1740 Czech crowns for a room with two beds and 1980 Czech crowns for room with one bed (the prices includes energy and services).

The student halls of residence are located in three different districts – Vítkovice, Hladnov, Dr. Malého.

The halls of residence in Hladnov are smaller, but have sport facilities attached to it, and there are plenty of shops in the surrounding area.

The next halls of residence are in Vítkovice, and have no sports facilities. In the building there is a grocery shop, plus there is an abundance of shops in the surrounding area. Arts and entertainment facilities are few, it takes twenty minutes to reach the city centre by tram, and therefore the lack of facilities is not a serious problem. The Vítkovice halls of residence are in a quiet part of Ostrava, not far from a train station.

The smallest halls of residence are at Dr. Malého street in city centre, it is close from central bus station and tram stop and walk to the university take you about 10 minutes. There are plenty of shops in the surrounding area.

The facilities in the halls of residence are not luxurious, but they are cost enough. In addition to basic equipment, rooms have furniture (desk, chair, bed, case, bookcase). Several rooms have common washing and cleaning amenities, and a kitchen equipped with a refrigerator, cooker and microwave oven. The kitchen is not equipped with dishes. Students can use the laundry room, borrow an iron, and use other facilities. Linen is usually changed every 4 weeks. Students must provide their own towels.

The University does not help students to find private accommodation; they must find private lodgings themselves.

Student Identification

In the form a non-contact sensor card provided through an ISIC (International Student Identity Card) license, the ID card can be used within the University as follows:

- for using the KREDIT meal service system in the University canteen on Realní Street – this card is the only means by which it is possible to order a meal and other services provided by the system on one's own;
- for using university library services – the card serves as a reader's identification card;
- for access to some areas of the University where authorization is required for entry (for example some PC classrooms);
- for verifying your student status, for some government offices or companies – this identification also serves as a confirmation of student status instead of a paper confirmation (for example, for using the Local City Transport system).

A student's identification card can be issued to you by a staff of CIT. After a photo is taken of you, your identification will be ready after a short wait, and will be handed over to you on submission of documents confirming the payment of fees. The charge is 140,- Czech crowns, which can be paid through a payment confirmation slip or at the cash desk of the University Offices.

Student Tickets for Local City Transport

In order to arrange a student pass, you first have to fill in a request form (it is possible to get this from the internet) and take it to be confirmed at the Study Department.

The pass will be issued to you (after submitting your passport and a passport-size photograph) at a ticket sales office (in the centre of the city on Vojanova Street or at the Main Railway Station). On working days, these offices are open from 5:00 a.m. to 7:00 p.m.

Monthly Student Pass valid for two zones costs 147,- Czech crowns.

University Study Text Shop

You can find the shop for buying university study texts in the courtyard of the Faculty of Arts at 5 Reální Street. On working days, the shop is opened from 9:00 a.m. to 4:00 p.m.

Used Books

Students often visit used book shops. Books which are unavailable at new bookshops can often be found there, and are up to 80% cheaper. We recommend: Fiducia, Antikvariát u 108 Buddhů (Poštovní Street 10) and Art Forum (Puchmajerova Street).

Canteen

Students can visit the Ostrava University canteen, which is located directly in the centre of town, in the Faculty of Arts building on Reální Street. Lunch costs between 20–40 Czech crowns, the same as dinner.

Meals are ordered with a student identification card. It is necessary to register for the identification card, which means opening a deposit.

Internet Connection

The password for access to the university internet network and university email address can be obtained after registration at the Secretariat of the Information Technology Centre on Bráfova Street.

Computer classrooms can be used outside lesson times during working days from 8:00 a.m. to 7:00 p.m.

Important Telephone Numbers

Fire Emergency – 150

First Aid – 155

Police Emergency – 158

Emergency Call – 112

faculty of arts



The Faculty of Arts, with its long tradition of top-class language study programmes, places a strong emphasis on the quality of services it provides to its students. It also focuses on excellent teaching backed up with great learning support and resources. Whether you are studying languages, literature, history, international relations, business, or film; whether you speak Czech a little, a lot, or not at all; whether you have roamed all over Europe or are leaving your country for the first time, our Faculty has an enriching and thought-provoking experience to offer you. What do we offer? An appealing range of options for foreign students who wish to broaden their international awareness and to get to know the unique Czech culture, language and lifestyle, both traditional and modern. We also offer the opportunity to meet new, interesting, and friendly people in the very heart of Europe.

Contact:

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E-mail: lada.gottwaldova@osu.cz • Website: <http://ff.osu.cz>

COURSES TAUGHT IN ENGLISH

Latin
 The Ancient World
 Christian Ecclesiastic Movements up to the 15th Century
 Non-Democratic Regimes in Contemporary World
 Czech for Foreigners 1
 Czech for Foreigners 2
 Modern Czech Literature
 History of Czech Film
 Painting in Medieval Bohemia, 11th–16th Century

KHI/LATA
 KHI/DSTAA
 KHI/CDHA
 KFI/NODEM
 KCJ/CEC1
 KCJ/CEC2
 KCJ/MOCL
 KCJ/EHCF
 KCL/PMB

Course title:	Course No:	Semester:
Latin	KHI/LATA	Winter/Summer
Course type:	Hours/Week:	Number of credits:
Lecture	1-2	5

Lecturer: Andrea Krúpová

Aims and objectives of the course:

The course introduces basic Latin language to students (morphology: declensions of nouns and adjectives, conjugations, pronouns, irregular verbs, etc.).

Teaching method: Lectures.

Teaching aids and literature:

A list of accessible literature and study materials will be made available to students at the beginning of the course.

Examination method: Oral and written tests.

Registration for examination: Written.

Course title:	Course No:	Semester:
The Ancient World	KHI/DSTAA	Winter/Summer
Course type:	Hours/Week:	Number of credits:
Lecture	1-2	5

Lecturer: Andrea Krúpová

Aims and objectives of the course:

This course offers students a short review of the history of ancient Egypt, Asia Minor, and a deeper insight into ancient Greek history and the history of The Roman Empire (political, cultural, social, and economical history).

Teaching method: Lectures.

Teaching aids and literature:

A list of accessible literature and study materials will be made available to students at the beginning of the course.

Examination method: Oral and written tests.

Registration for examination: Written.

Course title:	Course No:	Semester:
Christian Ecclesiastic Movement up to the 15th Century	KHI/CDHA	Winter/Summer
Course type:	Hours/Week:	Number of credits:
Lectures and seminars	2	5

Lecturer: Jana Grollová

Aims and objectives of the course:

The course provides students with a basic summary of evolutionary trends in Christian thinking up to the 15th century. Students acquire knowledge of basic ecclesiastic terminology and learn how to apply theoretical knowledge to historical sources.

Teaching method: Lectures and seminars.

Teaching aids and literature:

A list of accessible literature and study materials will be made available to students at the beginning of the course.

Examination method: Oral and written tests.

Registration for examination: Written.

Course title:	Course No:	Semester:
Non-democratic Regimes in the Contemporary World	KFI/NODEM	Summer
Course type:	Hours/Week:	Number of credits:
Seminar	2	5

Lecturer (academics): Vincenc Kopeček

Course description: Seminar.

Aims and objectives of the course:

The aim of the course is to familiarize students with non-democratic political regimes in the contemporary world. The course is divided into two parts. The first part consists of seminars, where the teacher presents the topic. However, students are expected to read required texts as a base for further discussion. The course will first define democracy and explain several democratic theories. Then, we will define a democratic political regime. After this, we will define typical non-democratic political regimes and then explain the common modern examples. We conclude the first part by presenting a theory of transition to democracy and by explaining methods of nonviolent struggle. The second part of the course consists of seminars where students will hold presentations aimed at selected contemporary non-democratic regimes.

Teaching method: Seminars, presentations and discussions.

Teaching aids and literature:

A list of accessible literature and study materials will be made available to students at the beginning of the course.

Examination method:

Credit will be assigned based on:

- Class participation: maximum of 30 points; active and competent participation earns 10 points bonus;
- Presentation: maximum of 40 points;
- Written final exam: maximum of 30 points.

To pass the course, successful completion of all parts of the evaluation is necessary. A final passing score must be at least 60. Failure to attain 60 points results in failure of the course.

Registration for examination: Written.

Course title:	Course No:	Semester:
Czech for Foreigners 1	KCJ/CECI1	Winter
Course type:	Hours/Week:	Number of credits:
Seminar	3	4

Lecturer: Jaroslav David

Aim and objectives of the course:

After course No. 1, student should be able to understand and use basic communicative Czech phrases, to make short sentences (question, answer, asking), and understand a simple Czech written text. Student receive basic information about Czech grammar (alphabet, orthography, infinitive forms, nominative and accusative forms of nouns and adjectives, adverbs, present tense and past tense forms) to be able to continue studying Czech.

Teaching method: Seminars.

Teaching aids and literature:

A list of accessible literature and study materials will be made available to students at the beginning of the course.

Examination method: Oral and written tests.

Registration for examination: Written.

Course title:	Course No:	Semester:
Czech for Foreigners 2	KCJ/CECI2	Summer
Course type:	Hours/Week:	Number of credits:
Seminar	3	4

Lecturer: Jaroslav David

Aim and objectives of the course:

After course No. 2, students should be able to understand and use communicative Czech, to write a short text, a CV, to fill in an application form, and be able to read and understand a simple article or a short story. Student receive information about Czech grammar (declension of nouns, adjectives and pronouns; present tense, past tense and future forms of verbs; aspect and using of prefixies; prepositional phrases; dictionaries) to be able to study in Czech and to continue studying Czech without teacher aid.

Teaching method: Seminars.

Teaching aids and literature:

A list of accessible literature and study materials will be made available to students at the beginning of the course.

Examination method: Oral and written tests.

Registration for examination: Written.

Course title:	Course No:	Semester:
Modern Czech Literature	KCJ/MOCL	Winter
Course type:	Hours/Week:	Number of credits:
Lecture	1	4

Lecturer: Martin Pilař

Aims and Objectives of the Course:

Students of this course will be expected to be able to distinguish between two main tendencies found in typical Czech literature of the 19th and 20th centuries. One tendency is the “national school” based on local traditions. The other is the “cosmopolitan”, which is the current trend in writing and draws on the changing political situation in the give period.

Teaching method:

Lectures and discussions on the topic.

Teaching aids and literature:

A list of accessible literature and study materials will be made available to students at the beginning of the course.

Examination method: Oral and written tests.

Registration for examination: Written.

Course title:	Course No:	Semester:
History of Czech Film	KCJ/EHCF	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	2	5

Lecturer: Hana Srpová

Aims and Objectives of the Course:

Students will first acquire a knowledge of essential terminology (in the fields of cinematography, film genres and film genology) and will be acquainted with basic principles of film taxonomy. Then, the course will provide students with a brief overview of the social and historical context of the emergence of Czech cinema at the end of the 19th century. The lectures will cover the history of Czech silent film and sound film before and after the Second World War.

Teaching method: Lectures and seminars.

Teaching aids and literature:

A list of accessible literature and study materials will be made available to students at the beginning of the course and on our University web page.

Examination method: Essay.

Registration for examination: Written.

Course title:	Course No:	Semester:
Painting in Medieval Bohemia, 11 th –16 th Century	KCL/PMB	winter
Course type:	Hours/ Week:	Number of credits:
Lecture	2	4

Lecturer: Daniela Rywíková

Aims and objectives of the course: The course introduces students to an overview of mural, panel and manuscript painting in the Bohemian and Moravian lands in the context of the development of central European medieval painting during the period from the 11th to the end of the 15th centuries. Emphasis will be placed on painting of the Luxembourg period of the second half of the 14th and first half of the 15th centuries and the mutual relationship between Prague and Paris in Fine Art around the year 1400.

Teaching method: Lectures.

Teaching aids and literature: A list of accessible literature and study materials will be made available to students at the beginning of the course.

Examination method: To complete the course students must pass a cognitive written test.

Registration for examination: Written.

faculty of science



The Faculty of Science was founded in 1991 as a part of the University of Ostrava. The Faculty prepares qualified specialists and teachers for the fields of Mathematics, Physics, Computer Science, Biology, Chemistry, Physical, and Social Geography and Ecology. The study is organized in a structured system of basic 3-year Bachelor degrees followed by 2-year Master's extension programmes. The study programmes are based on a credit system that enables students to optimize their specialization. Moreover, we offer doctoral degree subjects in Applied Mathematics, Applied Algebra, Fuzzy Modelling, Environmental Geography and Theory of Physics Education. The Faculty provides modern facilities for both education and research. That means that our students have a chance to enhance their professional self-fulfilment, including participation in research projects carried out at the departments.

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COURSES TAUGHT IN ENGLISH

Algebra 2	KMA/ALG2
Algebra 3	KMA/ALG3
Algebra 4	KMA/ALG4
Algebra 5	KMA/ALG5
Fuzzy Logic	KMA/FULOG
Fuzzy Modeling	KMA/FUMOD
Fuzzy Set Theory	KMA/TEFUM
Graph Theory	KMA/TEGRA
Integral Transformation	KMA/INTRA
Introduction to Mathematical Structures	KMA/ZAMAM
Mathematical Logic	KMA/MALOG
Measures and Integrals	KMA/TMAIN
Probability and mathematical Statistic 2	KMA/PAST2
Problem Seminar	KMA/SMAN1
Time Series Analysis	KIP/ANCAS
Stochastic Processes	KIP/NAPRO
Computer Networks 1	KIP/XPOS1
Computer Networks 2	KIP/XPOS2
Analysis of Multivariate Data	KIP/AVDAT
Evolutionary Algorithms	KIP/EVALG
Logical Foundations of Artificial Intelligence 1	KIP/LZUI1
Artificial Intelligence	KIP/XUMIN
Neural Networks 1	KIP/XNES1
Object Oriented Programming 1	KIP/XOBO1
Object Oriented Programming 2	KIP/XOBO2
Fundamentals of Computer Graphics	KIP/XPOGZ
Migration	KSG/SOCEN
Local and Regional Development 1	KSG/LORR1

Course title:	Course No:	Semester:
Algebra 2	KMA/ALG2	Winter
Course type:	Hours/Week:	Number of credits:
Lecture	4	5

Lecturer (academics): Juraj Kostra

Status of the course in the study program:

Obligatory for Applied Mathematics, Applied Mathematics in Economics, Mathematics Teaching for Secondary Schools, and Mathematics Teaching for Primary Schools.

Course description:

An introduction to the theory of vector spaces, elements of matrix calculation, the transformation of vector spaces, determinants, and systems of linear equations.

Aims and objectives of the course:

To provide a basic knowledge of the theory of vector spaces and their applications.

Teaching method: Lectures and seminars.

Prerequisite: Algebra 1.

Teaching aids & literature:

Birkhoff, G., MacLane, S.: A Survey of Modern Algebra, New York (2nd ed.), 1986.

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Algebra 3	KMA/ALGA3	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	4	5

Lecturer (academics): Juraj Kostra

Status of the course in the study program: Mathematics Teaching for Secondary Schools.

Course description:

Rings of polynomials over fields, divisibility, algebraic and transcendental extensions of fields, groups of automorphisms, and elements of the Galois theory and its applications.

Aims and objectives of the course:

To provide a basic knowledge of the Galois theory.

Teaching method: Lectures and seminars.

Prerequisite: Algebra 2.

Teaching aids & literature:

Birkhoff, G., MacLane, S.: A Survey of Modern Algebra, New York (2nd ed.), 1986.

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Algebra 4	KMA/ALGA4	Summer
Course Type:	Hours/Week:	Number of Credits:
Lecture	4	4

Lecturer (academics): Juraj Kostra

Status of the course in the study program:

Obligatory for Mathematics Teaching for Secondary Schools.

Course description:

An introduction to the theory of vector spaces, elements of matrix calculation, the transformation of vector spaces, and determinants and systems of linear equations.

Aims and objectives of the course:

To provide a basic knowledge of the theory of vector spaces and their applications.

Teaching method: Lectures and seminars.

Prerequisite: Algebra 3.

Teaching aids & literature:

Birkhoff, G., MacLane, S.: A Survey of Modern Algebra, New York (2nd ed.), 1986.

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Algebra 5	KMA/ALGA5	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	4	5

Lecturer (academics): Irina Perfilieva

Status of the course in the study program:

Obligatory for Mathematics Teaching for Secondary Schools.

Course description:

Ordered sets, lattices, ordered algebraic structures (groups, fields), the completion of lattices, and applications.

Aims and objectives of the course:

To provide a knowledge of the theory of ordered algebraic structures.

Teaching method: Lectures and seminars.

Prerequisite: Algebra 4.

Teaching aids & literature:

Birkhoff, G., MacLane, S.: A Survey of Modern Algebra, New York (2nd ed.), 1986.

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Fuzzy Logic	KMA/FULOG	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	4	6

Lecturer (academics): Vilém Novák

Status of the course in the study program:

Obligatory for Applied Mathematics and Applied Mathematics in Economics.

Course description:

Fuzzy logic in both the narrow and broad senses and basic properties of fuzzy logic.

Aims and objectives of the course: To provide a basic knowledge of fuzzy logic.

Teaching method: Lectures and seminars.

Prerequisite: Theory of Fuzzy Logic.

Teaching aids & literature:

Novák, V., Perfilieva, I., Močkoř, J.: Mathematical Principles of Fuzzy Logic, Kluwer, Boston 1999.

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Fuzzy Modeling	KMA/FUMOD	Winter
Course type:	Hours/Week:	Number of credits:
Lecture	4	5

Lecturer (academics): Vilém Novák

Status of the course in the study program:

Obligatory for Applied Mathematics and Applied Mathematics in Economics.

Course description:

The theory of evaluating linguistic expressions, basic types of fuzzy models and their elaboration, the theory of fuzzy control, decision-making in a fuzzy environment, and some case studies.

Aims and objectives of the course: To provide a basic knowledge of fuzzy modeling.

Teaching method: Lectures and seminars.

Prerequisite: Theory of Fuzzy Logic.

Teaching aids & literature:

Klir, G., J., Bo Yuan: Fuzzy Sets and Fuzzy Logic, Prentice Hall, New York, 1995.

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Fuzzy Set Theory	KMA/TEFUM	Winter
Course type:	Hours/Week:	Number of credits:
Lecture	4	5

Lecturer (Academics): Jiří Močkoř

Status of the course in the study program:

Obligatory for Applied Mathematics, Applied Mathematics in Economics, Mathematics Teaching for Secondary Schools, and Mathematics Teaching for Primary Schools.

Course description:

Introduction to fuzzy sets, basic operations with fuzzy sets, the extension of fuzzy relations, the measure of fuzziness, fuzzy numbers, and some applications.

Aims and objectives of the course: To provide a basic knowledge of fuzzy set theory.

Teaching method: Lectures and seminars.

Prerequisite: Algebra I.

Teaching aids & literature:

Novák, V.: Fuzzy Sets and their Applications, Adam-Hilger, Bristol, 1989.

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Graph Theory	KMA/TEGRA	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	4	5

Lecturer (academics): Jiří Močkoř

Status of the course in the study program:

Obligatory for Applied Mathematics, Applied Mathematics in Economics, and Mathematics Teaching for Secondary Schools.

Course description:

Oriented and non-oriented graphs, skeletons of graphs, connected graphs, evaluated graphs, Euler graphs, and algorithms in graph theory.

Aims and objectives of the course: To provide a basic knowledge of graph theory.

Teaching method: Lectures and seminars.

Prerequisite: Algebra I.

Teaching aids & literature:

Busacker, R. G., Saaty, T. L.: Finite Graphs and Networks, New York, McGraw-Hill, 1965.

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Integral Transformation	KMA/INTRA	Winter
Course type:	Hours/Week:	Number of credits:
Lecture	4	6

Lecturer (academics): Ladislav Mišík

Status of the course in the study program:

Obligatory for Applied Mathematics and Applied Mathematics in Economics.

Course description:

Laplace transform, image of derivation and integration, inverse Laplace transform, Fourier transform, Fourier integral translation theorem, image of convolution, application of the Laplace transform in ordinary and partial differential equations, and Z-transform.

Aims and objectives of the course: To provide a basic knowledge of the Laplace transform.

Teaching method: Lectures and seminars.

Prerequisite: Complex Analysis.

Teaching aids & literature:

Widder, D. V.: Laplace Transform, Princeton University Press, 1963. (2nd ed.).

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Introduction to Mathematical Structures	KMA/ZAMAM	Winter
Course type:	Hours/Week:	Number of credits:
Lecture	2	3

Lecturer (academics): Marek Pomp

Status of the course in the study program:

Obligatory for Applied Mathematics, Applied Mathematics in Economics, Mathematics Teaching for Secondary Schools, and Mathematics Teaching for Primary Schools.

Course description:

Basic concepts of set theory, operations, relations and their composition, equivalence and decomposition of sets, elements of mathematical logic, logical functions, and methods of proof.

Aims and objectives of the course:

To provide a basic knowledge of classical mathematical structures.

Teaching method: Lectures and seminars.

Prerequisite: Algebra I.

Teaching aids & literature:

Smullyan, R. M.: First Order Logic, Springer (2nd ed.), 1985.

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Mathematical Logic	KMA/MALOG	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	4	5

Lecturer (academics): Vilém Novák

Status of the course in the study program:

Obligatory for Applied Mathematics, Applied Mathematics in Economics, Mathematics Teaching for Secondary Schools, and Mathematics Teaching for Primary Schools.

Course description:

Propositional and predicate logic, syntax and semantics, basic theorems, completeness, elements of model theory, and elements of recursion theory.

Aims and objectives of the course: To provide a knowledge of formal logic and algorithms.

Teaching method: Lectures and seminars.

Prerequisite: Algebra I.

Teaching aids & literature:

Shoenfield, J. R.: Mathematical Logic. Addison Wesley, New York 1967.

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Measures and Integrals	KMA/TMAIN	Winter
Course type:	Hours/Week:	Number of credits:
Lecture	4	5

Lecturer (academics): Ladislav Mišík

Status of the course in the study program:

Obligatory for Applied Mathematics, Applied Mathematics in Economics, Mathematics Teaching for Secondary Schools, and Mathematics Teaching for Primary Schools.

Course description:

Borel measures, abstract integrals, Lebesgue measures, integration on Cartesian products, complex measures, and derivation.

Aims and objectives of the course: To provide a basic knowledge of measure theory.

Teaching method: Lectures and seminars.

Prerequisite: Mathematical Analysis 2.

Teaching aids & literature:

Jarník, V.: Differential Calculation II, Prague, Acedemia, 1978.

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Probability and Mathematical Statistics 2	KMA/PAST2	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	4	5

Lecturer (academics): Ivan Křivý

Status of the course in the study program:

Obligatory for Applied Mathematics, Applied Mathematics in Economics, Mathematics Teaching for Secondary Schools, and Mathematics Teaching for Primary Schools.

Course description:

Point and interval estimation, testing of statistical hypotheses (including basic non-parametric tests), elements of regression and correlation analysis, and programming of statistical calculations.

Aims and objectives of the course: To solve advanced problems in probability and statistics.

Teaching method: Lectures and seminars.

Prerequisite: Probability and Mathematical Statistics 1.

Teaching aids & literature:

Feller, V.: An Introduction to Probability Theory and its Applications, (1st ed.), Princeton, 1994.

Examination method: Oral and written tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Problem Seminar	KMA/SMAN1	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	2	2

Lecturer (Academics): Jaroslav Hančl

Status of the course in the study program:

Obligatory for Applied Mathematics, Applied Mathematics in Economics, Mathematics Teaching for Secondary Schools, and Mathematics Teaching for Primary Schools.

Course description: Basic methods and approaches in mathematics.

Aims and objectives of the course:

To provide an introduction to some special mathematical methods.

Teaching method: Homework and reading.

Prerequisite: Algebra 1.

Teaching aids & literature:

Babinskaja: Examples of Mathematical Olympiads, Moscow, 1975.

Sadovnicij, V. A., Podkolzin, S. A.: Examples of Students' Mathematical Olympiads, Moscow, 1978.

Examination method: Oral tests.

Requirements for examination: Basic knowledge from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Time Series Analysis	KIP/ANCAS	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	4	6

Lecturer (academics): Ivan Křivý

Status of the course in the study program:

Obligatory for Applied Mathematics, Applied Mathematics in Economics, and duly suggested for Informatics.

Course description:

Basic methods of time series analysis: time series decomposition, Box-Jenkins' methodology, and spectral analysis. The course also offers information on statistical software packages.

Aims and objectives of the course:

Application of time series analysis in econometrics.

Teaching method: Lectures and seminars.

Prerequisite: Basics of probability theory and mathematical statistics.

Teaching aids & literature:

Gujarati, D. V.: Basic Econometrics, McGraw-Hill, 1995.

Shumway, R.h., Stoffer, D. S.: Time Series Analysis and Its Applications. Berlin, Springer, 2000.

Chatfield, C.: Time-Series Forecasting. London, Chapman & Hall, 2000.

Examination method: Written test and oral examination.

Requirements for examination: Basic knowledge obtained from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Stochastic Processes	KIP/NAPRO	Winter
Course type:	Hours/Week:	Number of credits:
Lecture	4	6

Lecturer (academics): Ivan Křivý

Status of the course in the study program:

Obligatory for Applied Mathematics, Applied Mathematics in Economics, and duly suggested for Informatics.

Course description:

An introduction to theory and applications of stochastic processes with an emphasis on Markov chains.

Aims and objectives of the course:

Application of Markov chains in natural and behavioral sciences, economics, and engineering and bulk service.

Teaching method: Lectures and seminars.

Prerequisite: Basics of probability theory and mathematical statistics.

Teaching aids & literature:

Norris, J. R.: Markov Chains. Cambridge University Press, 1997.

Examination method: Written test and oral examination.

Requirements for examination: Basic knowledge obtained from lectures and seminars.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Computer Networks 1	KIP/XPOSI	Summer
Course type:	Hours/Week:	Number of credits:
Distance learning	N/A	6

Lecturer (academics): Tomáš Sochor

Status of the course in the study program:

Obligatory for Applied Informatics.

Course description:

An introduction to the principles of computer networks emphasizing principles of LAN operation.

Aims and objectives of the course:

The course provides a basic knowledge and understanding of the principles of local area networks and leading technologies (primarily Ethernet) to allow the student to use computer networks efficiently. The course is focused to the reference ISO/OSI model, TCP/IP protocol suite, basics of network topologies, and principles of LAN operation (switching).

Teaching method:

Combined form: distance e-learning from provided materials, preparation of assignments checked by tutor, face-to-face tutorials.

Prerequisites:

Basics of operating systems (process, file, directory, attribute, permission, etc.).
Computing in binary and hexadecimal number systems, capability to convert decimal numbers to binary and hexadecimal forms and back.
Elements of physics (electromagnetic field, electric current etc.).

Teaching aids & literature:

Tanenbaum, A.S., Steen, M. van: Distributed systems. Principles and paradigms. Prentice hall. New Jersey 2002. ISBN 0-13-088893-1
Sochor, T.: Computer Networks I. Ostrava 2005.

Examination method: Written (or electronic) test and oral examination.

Requirements for examination:

Basic knowledge obtained from course materials.
Preparation of correspondence assignments during the semester.

Course title:	Course No:	Semester:
Computer Networks 2	KIP/XPOS2	Winter
Course type:	Hours/Week:	Number of credits:
Distance learning	N/A	6

Lecturer (academics): Tomáš Sochor

Status of the course in the study program: Obligatory for Applied Informatics.

Course description:

An introduction to the principles of protocols used in computer networks (LAN and WAN) with a primary focus on TCP/IP protocol suite.

Aims and objectives of the course:

The course provides knowledge and understanding of the principles of operation for the most important protocols belonging to the TCP/IP protocol suite, namely IP, ICMP, TCP, UDP, as well as standard services like www, e-mail, ftp and DNS. The course also provides an insight into IP addresses, subnet masks, subnetting, CIDR and routing in IP networks. Furthermore, the course will provide basic information about new IP version 6 protocol and changes to other protocols resulting from the existence of the new IP version

Teaching method:

Combined form: distance e-learning from provided materials, preparation of assignments checked by tutor, face-to-face tutorials.

Prerequisites:

Basics of operating systems (process, file, directory, attribute, permission, etc.).
Computing in binary and hexadecimal number systems, capability to convert decimal numbers to binary and hexadecimal forms and back.
Elements of physics (electromagnetic field, electric current etc.).

Teaching aids & literature:

Tanenbaum, A.S., Steen, M. van: Distributed systems. Principles and paradigms. Prentice hall. New Jersey 2002. ISBN 0-13-088893-1
Sochor, T.: Computer Networks I. Ostrava 2005.

Examination method: Written (or electronic) test and oral examination.

Requirements for examination:

Basic knowledge obtained from course materials.
Preparation of correspondence assignments during the semester.

Course title:	Course No:	Semester:
Analysis of Multivariate Data	KIP/AVDAT	Winter
Course type:	Hours/Week:	Number of credits:
Lecture/Seminar	2/2	6

Lecturer (academics): Josef Tvrdík

Status of the course in the study program:

Obligatory for students of Information Systems, suggested for Applied Math.

Course description:

Statistical background of multivariate data analysis. Principles of selected multivariate method, namely multiple regression, basics of generalized linear model, discriminant analysis, cluster analysis, principal components, factor analysis.

Aims and objectives of the course:

To understand the principles of multivariate data analysis and to get skills in applying multivariate methods with statistical software.

Teaching method: Lectures and seminars.

Prerequisites: Basic course of probability and statistics.

Teaching aids & literature:

Draper N. R., Smith H.: Applied Regression Analysis, John Wiley, 1998

Manly, B. F. J., Multivariate Statistical Methods – A primer, Chapman and Hall/CRC, 1994

Examination method: Written test and oral examination.

Requirements for examination:

Understanding the principles of multivariate methods, ability to interpret the outputs from statistical software.

Course title:	Course No:	Semester:
Evolutionary Algorithms	KIP/EVALG	Summer
Course type:	Hours/Week:	Number of credits:
Lecture/Seminar	2/2	6

Lecturer (academics): Josef Tvrdík

Status of the course in the study program:

Required for students of Information Systems and Applied Math.

Course description:

Introduction to the principles of stochastic algorithms for global optimization.

Aims and objectives of the course:

Understanding the stochastic algorithms, mainly evolutionary ones like genetic algorithm, evolutionary strategy, differential evolution. Competition and cooperation in stochastic algorithms, implementation in Matlab, using in the global optimization problems.

Teaching method: Lectures and seminars.

Prerequisites:

Basics of probability and statistics.

Data structures and algorithms.

Teaching aids & literature:

Spall J. C., Introduction to Stochastic Search and Optimization, Wiley-Interscience, 2003

Examination method:

Presentation of two selected algorithms and their experimental comparison.

Requirements for examination:

Written report on experimental comparison of two selected algorithms.

Course title:	Course No:	Semester:
Logical Foundations of Artificial Intelligence I	KIP/LZUII	Winter
Course type:	Hours/Week:	Number of credits:
Present, distance learning	2/2	6

Lecturer (academics): Alena Lukasová

Status of the course in the study program: Obligatory for all students of Informatics.

Course description:

An introduction to the two basic tools of knowledge representation – propositional and predicate logic.

Aims and objectives of the course:

The course introduces both the basic logics (propositional and predicate) as tools for the sake of knowledge representation. It provides a basic knowledge and understanding of the principles of syntax and semantics of both languages and usage of them for creation knowledge bases and generating theories.

Teaching method:

Combined form: e-learning from provided materials, preparation of assignments checked by tutor, face-to-face tutorials.

Prerequisites: -

Teaching aids & literature:

Nerode, A., Shore, R.A.: Logic for Applications. *Springer_Verlag, 1993.*

Lukasová, A.: Logical Foundations of Artificial Intelligence. Propositional Logic. *Ostrava 2005.*

Lukasová, A.: Logical Foundations of Artificial Intelligence. Predicate Logic. (in preparation)

Requirements for examination:

To fulfill successfully two tests – propositional and predicate logic.

Basic knowledge in the frame of the teaching materials.

Course title:	Course No:	Semester:
Artificial Intelligence	KIP/XUMIN	Winter
Course type:	Hours/Week:	Number of credits:
Distance learning	N/A	3

Lecturer (academics): Eva Volná

Status of the course in the study program:

Suggested course for Applied Informatics.

Course description: An introduction to the artificial intelligence.

Aims and objectives of the course:

The course provides a basic knowledge and understanding to the principles of artificial intelligence. The course is focused on general knowledge from the area of artificial intelligence as follows: What is artificial intelligence. Alan Turing and his test. Nets and basic search. Nets and optimal search. Planning. Expert systems. Robotics.

Teaching method:

Combined form: distance e-learning from provided materials, preparation of assignments checked by tutor, face-to-face tutorials.

Prerequisites: -

Teaching aids & literature:

Winston, H.P. “*Artificial intelligence*”. Addison-Wesley Publishing Company, 3rd edition, 1993, pp. 737. ISBN 0-201-60086-2

Examination method: Written (or electronic) test and oral examination.

Requirements for examination:

Basic knowledge obtained from course materials.

Preparation of correspondence assignments during the semester.

Course title:	Course No:	Semester:
Neural Networks 1	KIP/XNES1	Summer
Course type:	Hours/Week:	Number of credits:
Distance learning	N/A	6

Lecturer (academics): Eva Volná

Status of the course in the study program:

Suggested course for Applied Informatics.

Course description:

An introduction to the principles of artificial neural networks.

Aims and objectives of the course:

The course provides a basic knowledge and understanding to the principles of artificial neural networks. The course is focused on basic neural network architectures, and basic neural network training algorithms for Perceptron, Adaline, Madaline, Backpropagation Neural Net, Kohonen Self-Organizing Map, and Discrete Hopfield Net.

Teaching method:

Combined form: distance e-learning from provided materials, preparation of assignments checked by tutor, face-to-face tutorials.

Prerequisites: Basics of some programming language.

Teaching aids & literature:

Beale, R., Jackson, T., *Neural Computing: An Introduction*. J W Arrowsmith Ltd, Bristol, Great Britain 1992.

Fausett, L. V., *Fundamentals of Neural Networks*. Prentice-Hall, Inc., Englewood Cliffs, New Jersey 1994.

Herz, J., Krogh, A., Palmer, R. G., *Introduction to the Theory of Neural Computation*, Addison Wesley Publishing Company, Redwood City 1991.

Examination method: Written (or electronic) test and oral examination.

Requirements for examination:

Basic knowledge obtained from course materials.

Preparation of correspondence assignments during the semester.

Course title:	Course No:	Semester:
Object Oriented Programming 1	KIP/XOBO1	Winter
Course type:	Hours/Week:	Number of credits:
Distance learning	N/A	6

Lecturer (academics): František Huňka

Status of the course in the study program: Compulsory for Applied Informatics.

Course description:

An introduction to the principles of object oriented programming emphasizing Java language.

Aims and objectives of the course:

The course provides a basic knowledge and understanding to the principles of object oriented programming, UML diagrams and basic design patterns. All concepts are explained with the Java language.

Teaching method:

Combined form: distance e-learning from provided materials, preparation of assignments checked by tutor, face-to-face tutorials.

Prerequisites:

Basics of operating systems (process, file, directory, attribute, permission, etc.).

Ability to algorithm simple tasks.

Procedural programming.

Teaching aids & literature:

Deitel H. M., Deitel P. J.: *Java How To Program 6/E*. ISBN: 0-13-148398-6 Prentice Hall 2005

Eckel B.: *Thinking in Java*. Prentice Hall 2004. ISBN: 0-13-187248-6.

Arlow J., Neustat I.: *UML an Unified Process Application Development*. Prentice Hall 2002.

Eckel B.: *Thinking in Patterns*. www.BruceEckel.com

Examination method: Written test.

Requirements for examination:

Basic knowledge obtained from course materials.

Preparation of correspondence assignments during the semester.

Course title:	Course No:	Semester:
Object Oriented Programming 2	KIP/XOBO2	Summer
Course type:	Hours/Week:	Number of credits:
Distance learning	N/A	6

Lecturer (academics): František Huňka

Status of the course in the study program: Voluntary for Applied Informatics.

Course description:

Deepen knowledge on object oriented concepts with the focus on GUI, exceptions, generics, collections, streams, serialization and further design patterns.

Aims and objectives of the course:

The course provides a basic knowledge and understanding to the principles of object oriented programming, UML diagrams and basic design patterns. All concepts are explained with the Java language.

Teaching method:

Combined form: distance e-learning from provided materials, preparation of assignments checked by tutor, face-to-face tutorials.

Prerequisites:

Basics of operating systems (process, file, directory, attribute, permission, etc.).
Ability to algorithm simple tasks.
Basic concepts of object oriented programming in Java.

Teaching aids & literature:

Deitel H. M., Deitel P. J.: Java How To Program 6/E. ISBN: 0-13-148398-6 Prentice Hall 2005
Eckel B.: Thinking in Java. Prentice Hall 2004. ISBN: 0-13-187248-6
Arlow J., Neustat I.: UML an Unified Process Application Development. Prentice Hall 2002
Eckel B.: Thinking in Patterns. www.BruceEckel.com

Examination method: Written test and oral examination.

Requirements for examination:

Basic knowledge obtained from course materials.
Preparation of correspondence assignments during the semester.

Course title:	Course No:	Semester:
Fundamentals of Computer Graphics	KIP/XPOGZ	Summer
Course type:	Hours/Week:	Number of credits:
Distance learning	N/A	6

Lecturer (academics): Alexej Kolcun

Status of the course in the study program:

Obligatory for Applied Informatics.

Course description:

An introduction to the principles and algorithms used in computer graphics (CG).

Aims and objectives of the course.

Vector vs. raster approach in CG.

Color systems in CG.

Raster graphics: fundamentals of image processing and compressing methods.

Fast low-level algorithms of rasterization of basic geometric primitives.

Fundamentals of geometric modeling in 3D space.

Teaching method:

Combined form: distance e-learning from provided materials, preparation of assignments checked by tutor, face-to-face tutorials.

Prerequisites:

Basics of programming.
Elements of mathematics: linear algebra, analytic geometry.

Teaching aids & literature:

Foley, J.D., van Dam, A.: Computer Graphics: Principles and Practice. Addison-Wesley 1982.
Kolcun, A.: Fundamentals of Computer Graphics. Ostrava 2003 (in Slovak).
Salomon, D.: Computer Graphics & Geometric Modeling. Springer 1999.
Vince, J.: Essential Mathematics for Computer Graphics – fast. Springer 2003.

Examination method: Written and oral examination.

Requirements for examination: Basic knowledge obtained from course materials.

Preparation of correspondence assignments during the semester.

Course title:	Course No:	Semester:
Local and Regional Development I	KSG/LORRI	Winter
Course type:	Hours/Week:	Number of credits:
Lecture	2	5

Lecturer (academics): Petr Rumpel

Status of the course in the study program:

Compulsory course in the study program *Social Geography and Regional Development*.

Course description:

Economic theories (neoclassic, Keynesian, neo-Marxist, neo-conservative, Rostow's and Kondratieff's models). SWOT analysis. The implementation of regional development initiatives. Hard and soft localization factors. Infrastructure. Localization theory. Small and medium-sized enterprises in regional development. Regional policy of the EU. The role of institutions in local and regional development. Innovation and technology policy. Regional economic assistance and economic regeneration. City marketing. Regional marketing. Selected examples of city and regional marketing in Germany. The implications of the German experience for the Czech Republic.

Aims and objectives of the course:

To provide a basic knowledge of the theory of local and regional development and city marketing.

Teaching method: Lectures and seminars.

Teaching aids & literature:

Armstrong, H., Taylor, J.: *Regional Economies and Policy*. Philip Alan, London 1985.

Kotler, P., Haider, D., Irving, R.: *Marketing Places – Attracting Investment, Industry and Tourism to Cities, States, and Nations*. McMillan, New York 1993.

Schoerghuber, K.: *Stadtmarketing*. Marketing Service, Linz 1995.

Examination method: Oral and written tests.

Registration for examination: Written application.

Course title:	Course No:	Semester:
Migration	KSG/MIGRA	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	2	5

Lecturer (Academics): Kateřina Janků

Status of the course in the study program:

Optional course within the study programs *Geography – Social Geography and Regional Development, Political and Cultural Geography and Geography Teaching*.

Course description:

The course introduces the student into the topic of migration from the perspective of contemporary social sciences. 12 lectures will follow the main streams in contemporary debates about migration. Students are supposed to read given texts (25 pages maximum length) weekly and visit the lectures. The aim of the course is to prepare the student for analyzing the events that are being framed as the "migration events". The students will write four course literature reviews and final written exam.

Aims and objectives of the course:

To provide absolvent with critical knowledge of geographic and social science discourses on migration.

Teaching method: Lectures.

Prerequisite: Political Geography, Cultural Geography.

Teaching aids & literature:

BAMMER, A. (ed.) 1994. *Displacements. Cultural identities in question*. Bloomington: Indiana University Press.

BRETTELL, B. C. 2003. *Anthropology and Migration*. Walnut Creek: Altamira Press.

BRETTELL, B. C.–HOLLIFIELD, F. H. eds. 2000. *Migration Theory*. New York: Routledge.

CAGLAR, Ayse, S. 2001. Constraining metaphors and the transnationalism of spaces in Berlin. *Journal of Ethnic and Migration Studies*. Vol. 27, No. 4: 601–613, October 2001.

CASTELS–MILLER. 1998. *The Age of Migration. International Population Movements in the Modern World*. Houndmills: Macmillan Press Ltd. 2. ed.

CASTLES, S.–DAVIDSON, A. 2000. *Citizenship and Migration*. Basingstoke: Macmillan Press.

DUMMETT, Michael. 2001. *On Immigration and Refugees*. London: Routledge.

KAPLAN, C. 2000. *Questions of Travel. Postmodern Discourses of Displacement*. Durham: Duke University Press.

MASSEY, D. S. et al. 1993. *Theories of International Migration: A Review and Appraisal*. *Population and Development Review*, Vol 19, Iss 3 September 1993.

VERTOVEC, S. 2004. Trends and Impacts of Migrant Transnationalism. Working Paper No. 3. Oxford: Centre on Migration, Policy and Society, University of Oxford.

Examination method: Written test.

Requirements for examination: Required literature reviews during the semester.

Registration for examination: Written application.

medico-social faculty



The Medico-Social Faculty was founded in 1993 as part of the University of Ostrava. The Faculty teaches seven Bachelor degrees, two Master's degrees, and a postgraduate doctoral degree. The Faculty's priority goal is to train qualified medical and social specialists. The Faculty is run in partnership with the Faculty Hospital of Ostrava-Poruba, where practical student training is conducted. All degree programmes are based on a credit system which promote student responsibility and enable students to set up a more individualized schedule. The Faculty is a member of the Czech and Slovak Association of Medico-Social Faculties.

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Bachelor degrees:

- Physiotherapy
- Medical Examination Methods
- Radiology Assistant
- Nursing
- Midwifery
- Public Health Protection
- Rescue Ranger

Master's degrees:

- Health-Oriented Social Care
- Public Health Protection

Postgraduate doctoral degree:

- Social Work

COURSES TAUGHT IN ENGLISH**Department of Examination Methods**

Genetic Ecotoxicology KVM/GETOX

Department of Hygiene and Epidemiology

Communicable Diseases Control KHE/EINFO

Epidemiology, Public Health and Biostatistics KHE/ENEIN

Department of Rehabilitation

Rehabilitation Foundation Course KRE/REPP1

The Methods of Kinesiotherapy 2 KRE/TKIN2

The Methods of Kinesiotherapy 3 KRE/TKIN3

Kinesiotherapy 1 KRE/KINT1

Kinesiotherapy 3 KRE/KINT3

Department of Social Work

Family Sociology KSP/SORY

Methods and Technics in Social Research KSP/MTSV1

Problems of Ethnic Minorities KSP/PETME

Methods of Social Work — Social Work with Family KSP/MSPR4

Methods of Social Work — Social Work with Family KSP/MSPR6

Institute of Nursing and Management

Public Health Services UOM/VZDVP

Community Nursing and Home Care UOM/KODVS

Nursing Research UOM/VYOVV

Nursing Ethics UOM/EOSVP

Nursing Process and Documentation UOM/OPDVS

Numan Needs and Nursing Diagnoses UOM/PDVS1

Gerontological Nursing Care UOM/SENVS

Palliative and Hospice Care UOM/PHPVS

Dietetics UOM/VYDVP

Sexual Education and Family Planning UOM/SEXPA

Education in Midwifery UOM/EDUPA

Prenatal Care and Preparation for Parenthood UOM/PREPA

Natural Methods in Midwifery UOM/PMPPA

Institute of Pathological Anatomy

Pathology UAN/PA

COURSES TAUGHT IN GERMAN**Department of Social Work**

Methods of Social Work 4 KSP/MSPR4

Institute of Pathological Anatomy

Pathology UAN/PAN

COURSES TAUGHT IN FRENCH**Department of Social Work**

Organizational and Social Problems of Modern Society KSP/SORBY

COURSES TAUGHT IN ENGLISH

Course title:	Course No:	Semester:
Genetic Ecotoxicology	KVM/GETOX	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	1	2

Lecturer (academics): Lubomír Dobiáš, Hana Lehocká**Status of the course in the study program:**

Selective course as part of the module in the educational disciplines Medical Examination Methods, Protection of the Public Health.

Course description:

The genetic damages in the form of gene or chromosomal mutations are associated with both adverse health and survival outcomes and have been linked to several somatic cell diseases, including cancer. The contents of the course included a consecutive chapters: Nature of Mutations (in germ and somatic cells), Incidence of Genetic Disease, Identification of Genotoxic Hazard, Methods of Monitoring and Biomonitoring for Environmental Genotoxicants, Role of Environmental Epidemiology in Protection of Public Health.

Aims and objectives of the course:

The chemical pollution existing in many industrialized countries represents a serious environmental and public health problem. The educational activity in the frame of the course focuses on the consequent priority concern – Health impact of genotoxic exposure and protection of human health.

Teaching method: Lectures.**Teaching aids & literature:**

1. Wilson, S. H., Suk, W. A.: Biomarkers of Environmentally Associated Disease. Lewis Publishers, London, 2002.
2. Application of Biomarkers in Cancer Epidemiology. (Eds. P. Toniolo et al.), IARC Scientific Publications, No. 142, Lyon, 1997.
3. Methods for Genetic Risk Assessment. (Ed. D. J. Brusick), Lewis Publishers, London, 1994.

Examination method: Oral and written tests.**Registration for examination:** Written.

Course title:	Course No:	Semester:
Communicable Diseases Control	KHE/EINFO	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	2+1	5

Lecturer (academics): Rastislav Maďar

Status of the course in the study program:

Compulsory within the Public Health course.

Course description:

Sources and transmission of communicable disease, including zoonoses and hospital-acquired infections, principles of infection surveillance and prevention, disinfection, sterilization, disinsection, rodent control, immunization programmes, methods of outbreak control, isolation, quarantine, basics of microbiology and parasitology diagnosis, travel and tropical medicine, professional infections of health-care workers.

Aims and objectives of the course:

The course offers students a basic understanding of main principles of communicable diseases control.

Teaching method: Lectures and seminars.

Teaching aids & literature:

Kmety E. et al. Compendium of Epidemiology. Bratislava: Comenius University 2001.

Heymann DL et al. Control of Communicable Diseases Manual. Washington DC: APHA, 18th ed. 2004, 701 p.

Salisbury DM, Begg NT. Immunisation against infectious diseases. London: HMSO, 1996, 290 p.

Plotkin SA, Orenstein WA (eds.). Vaccines. 3rd ed. Philadelphia: WB Saunders Company. 1999, 1230 p.

Wenzel R., Brewer T., Butzler J-P. Infection Control in the Hospital. Boston, MA: ISID, 2002, 184 p.

Examination method: Written test.

Requirements for examination:

Basic knowledge of the content of the lectures, seminars and the course literature.

Registration for examination: written.

Course title:	Course No:	Semester:
Epidemiology, Public Health and Biostatistics	KHE/ENEIN	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	2+1	5

Lecturer (academics): Rastislav Maďar

Status of the course in the study program: Compulsory within the Public Health course

Course description:

Methods of epidemiology, study design, retrospective and prospective studies, randomised blind experimental trials, preventing bias, confounding factor, testing of hypothesis, selection of cohort subjects, screening, morbidity, mortality, case-fatality rate, incidence, prevalence, evidence-based medicine, guidelines making process, relative risk, probability, confidentiality interval.

Aims and objectives of the course:

The course offers students a basic understanding of main methods of epidemiology of communicable as well as non-communicable diseases and biostatistics.

Teaching method: Lectures and seminars.

Teaching aids & literature:

Hill BH, Hill JD. Bradford Hill's principles of medical statistics. 12 th ed. E Arnold, London, Melbourne, Auckland, 1998, 339 p.

Dawson-Saunders B, Trapp RG: Basic and Clinical Biostatistics. 2nd ed. London: Preútica – Hall Internat., 1994, 344 p.

Last HJ. A dictionary of epidemiology. New York–Oxford–Toronto: Oxford University Press, 1995, 180 p.

Lilienfeld DE, Stolley PD. Foundation of epidemiology. 3rd ed. New York, Oxford: Oxford University Press, 1994, 371 p.

Beaglehole R, Bonita R, Kjellstrom T. Basic epidemiology. Geneva: WHO, 1993, 175 p.

Fletcher RH, Fletcher SW, Wagner EH. Clinical epidemiology. The essentials. 3rd ed. Baltimore: Williams and Wilkins, 1996, 276 p.

Kmety E. et al. Compendium of Epidemiology. Bratislava: Comenius University 2001.

Jenkel JF, Elmore JG, Katz LD. Epidemiology biostatistics and preventive medicine. Philadelphia: W.B. Saunders Company, 1996, 297 p.

Examination method: Written test.

Requirements for examination:

Basic knowledge of the content of the lectures, seminars and the course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
Rehabilitation Foundation Course	KRE/REPP1	Winter
Course type:	Hours/Week:	Number of credits:
Lecture, practical lessons	2+3	5

Lecturer (academics): Z.deněk Klimeš, Jarmila Kristiníková, Kateřina Macháčková
Status of the course in the study program: Obligatory.

Course description:

The course covers basic assessments in physiotherapy. The students will acquire theoretical knowledge and practical skills in the area of anthropometry, goniometry and the assessment of muscle strength according to the principles of the muscle test. The main emphasis is on practical lessons where students acquire at the ability to make diagnosis independently.

Aims and objectives of the course:

The knowledge of basic assessment methods in physiotherapy.

Teaching method: Practical exercises.

Teaching aids & literature:

Compulsory reading:

JANDA,V.: Funkční svalový test. Grada, 1996.

JANDA,V., PAVLŮ, D. Goniometrie. IDVZ Brno Grada, 1997.

Recommended:

DUNGL, P. A KOL.: Ortopedie. Grada Publishing, Praha, 2005.

KOLEKTIV AUTORŮ: Vyšetřovací metody hybného systému. Příbram.

VÉLE,F.: Kineziologie pro klinickou praxi. Grada, 1997.

TRAVELL,J.G., SIMONS, D.G., SIMONS, L.S.: Myofascial Pain and Dysfunction. The Trigger Point Manual. Vol. I.. Williams and Wilkins, Baltimore, USA, 1999.

Examination method:

Integrated exam (written test, practical test). 90% pass rate in written test is necessary to progress to the practical part.

Requirements for examination:

Knowledge of the content of the lectures and course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
The Methods of Kinesiotherapy 2	KRE/TKIN2	Winter
Course type:	Hours/Week:	Number of credits:
Practical lessons	2	2

Lecturer (academics): Z.denka Krhutová, Jarmila Kristiníková, Kateřina Macháčková, Jana Vyskotová

Status of the course in the study program: Obligatory.

Course description:

Educational course is identified for students, who managed courses anatomy, physiology, pathology and neurophysiological. Students are acquainted with individual facilitation and reeducation methods. On basis neurophysiological knowledge they are explained principles these methods. Great accent is accentuated on the practical encompassment or facilitation practice.

Aims and objectives of the course:

Course is realized form training. Students learn after encompassment theoretic basis practical acquirement in achievement and exploitation facilitation methods near different clinical diagnosis.

Teaching method: Practical exercises.

Teaching aids & literature:

Compulsory reading:

BOBATHOVÁ, B.: *Hemiplegia dospělých*. Liečreh Bratislava, 1997.

BOLD, A.: *Stemmführung nach R. Brunkow*.

GÚTH, A. A KOL.: *Vyšetřovací a léčebné metodiky pro fyzioterapeutov*. Liečreh, Bratislava, 1998.

OBRDA, K., KARPÍŠEK, J.: *Léčebná rehabilitace v neurologii*. Praha, Avicenum, 1971.

PAVLŮ, D.: *Speciální fyzioterapeutické koncepty a metody*. Brno, 2002.

TROJAN, S.,PFEIFFER, J., DRUGA,R.: *Centrální mechanismy řízení*. Avicenum, Praha, 1992.

KNOTT, M., VOSS, D.E.: *Proprioceptive neuromuscular facilitation. Patterns and technics*. Second edition. Harper& Row Publishers, Philadelphia, 1968.

Recommended:

CARR, J., SHEPHERD, R.: *Neurological Rehabilitation*. Oxford, 2000.

LIPPERTOVÁ–GRÜNEROVÁ, M.: *Neurorehabilitace*. Galén, Praha, 2005.

Examination method: Practical examination.

Requirements for examination:

Knowledge of the content of the lectures and course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
The Methods of Kinesiotherapy 3	KRE/TKIN3	Summer
Course type:	Hours/Week:	Number of credits:
Practical lessons	2	2

Lecturer (academics): Zdenka Krhutová, Jarmila Kristiníková, Kateřina Macháčková, Jana Vyskotová

Status of the course in the study program: Obligatory.

Course description:

Content of the subject is a theoretical knowledge of neurophysiological principles of selected facilitation concepts and techniques, and their practical application. Students will familiarize themselves with the principles of ergonomics and non-specific mobilizations. The course is delivered as a few-week intense study.

Aims and objectives of the course:

Course is realized form training. Students learn after encompassment theoretic basis practical acquirement in achievement and exploitation facilitation methods near different clinical diagnosis.

Teaching method: Practical exercises.

Teaching aids & literature:

Compulsory reading:

PFEIFFER, J. A KOL.: *Facilitační metody v léčebné rehabilitaci*. Avicenum, Praha, 1976.

GÚTH, A. A KOL.: *Vyšetřovací a léčebné metodiky pro fyzioterapeutov*. Liečreň Gúth, Bratislava, 1998.

PAVLŮ, D.: *Speciální fyzioterapeutické koncepty a metody*. Brno, 2002.

Reccomended:

MC KENZIE, R.: *Léčíme si bolesti krční páteře sami*. 2005.

MC KENZIE, R.: *Léčíme si bolesti záda sami*. 2005.

ROCK, C. M., PETAK–KRUEGER, S. (překlad Pavlů, D.): *Agisticko-excentrické kontrakční postupy k ovlivnění funkčních poruch pohybového systému*. CERM, s.r.o., Brno, 2000.

Examination method: Practical examination.

Requirements for examination:

Knowledge of the content of the lectures and course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
Kinesiotherapy 1	KRE/KINT1	Winter
Course type:	Hours/Week:	Number of credits:
Lecture, Practical lessons	2+5	6

Lecturer (academics): Zdeněk Klimeš, Zdenka Krhutová, Jana Vyskotová

Status of the course in the study program: Obligatory

Course description:

Course is identified for students, who successfully finished the training of anatomy, physiology and the basis of rehabilitation. This educational course provide for students knowledge from patophysiology and clinic diseases in the area surgery, traumatology, orthopaedic. Student learn to indicate and practically apply to kineziotherapy on the basis of kinesiology analyses in thereinbefore areas.

Aims and objectives of the course:

Course is realized as a teacher led training. The Aim of course is a practical application of kinesiotherapy on the patients with surgical, traumatological and orthopaedic disorders.

Teaching method: Lectures, practical exercises.

Teaching aids & literature:

DUNGL, P. A KOL. *Ortopedie*. Grada Publishing, Praha, 2005.

KOL. AUTORŮ: *Pohybový systém a zátěž*. Grada Publishing, Praha, 1997.

KUČERA, M. A KOL.: *Pohyb v prevenci a terapii – Kapitoly z tělovýchovného lékařství pro studenty fyzioterapie*. Karolinum, Praha, 1998.

LEWIT, K.: *Manipulační léčba*. J.A.Barth Verlag, Hüthig GmbH, Heidelberg-Leipzig, ČLS J.E. Purkyně, Praha, 1996.

RYCHLÍKOVÁ, E.: *Poruchy funkce kloubů končetin a jejich terapie*. Triton, Praha, 1994.

TYPOVSKÝ, D. *Traumatologie pohybového ústrojí*. Avicenum, 1986.

VÉLE, F.: *Kineziologie pro klinickou praxi*. Grada Publishing, Praha, 1997.

VIŠŇA, P., HOCH, J.: *Traumatologie dospělých*. Maxdorf Publishing, Praha, 2004.

Examination method: Practical examination.

Requirements for examination:

Knowledge of the content of the lectures and course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
Kinesiotherapy 3	KRE/KINT3	Winter
Course type:	Hours/Week:	Number of credits:
Lectures, Practical lessons	2+5	6

Lecturer (academics):

Zdenka Krhutová, Jarmila Kristiníková, Kateřina Macháčková

Course description:

The course covers the clinical neurology. In theoretical lessons, the students familiarize themselves with particular neurological diagnoses, illness symptoms and the alternatives of complex therapy. In practical lessons, students apply kineziotherapeutical concepts and methods based on kineziological analysis. The requirement for the study of neurology is the knowledge of clinical neurophysiology, anatomy, pathological anatomy, physiology and pathophysiology.

Aims and objectives of the course:

Course is realized as training in the charge of teacher. The aim of course is encompassment practical application kineziotherapy by the patients with neurological disorders.

Teaching method: Lectures, practical exercises.

Teaching aids & literature:**Compulsory reading:**

- AMBLER, Z., BEDNAŘÍK, J., RŮŽIČKA, E.: *Klinická neurologie*. Triton, Praha, 2004.
- KALVACH, P. A KOL. *Mozkové ischemie a hemoragie*. Grada Publishing, Praha, 1997.
- MUMENTHALER, M., MATTLE, H. *Neurologie*. Praha: Grada, 2001.
- OPAVSKÝ, J. *Neurologické vyšetření v rehabilitaci pro fyzioterapeuty*. UP Olomouc, 2003.

Recommended:

- VOJTA, V.: *Mozkové hybné poruchy v kojeneckém věku*. Grada Publishing, Praha, 1993.
- BUTLER, D.S.: *Mobilisation of the nervous system*. Churchill Livingstone, 1991.
- CARR, J., SHEPHERD, R. *Neurological Rehabilitation*. Oxford, 2000.
- DAVIES, P. *Right in The Middle*. Springer-Verlag, 1990.
- EDWARDS, S.: *Neurological Physiotherapy*. Churchill Livingstone, 2002.
- VAŇÁSKOVÁ, E. *Testování v rehabilitační praxi – cévní mozkové příhody*. Národní centrum ošetřovatelství a nelékařských zdravotnických oborů, 2004.

Examination method: Practical examination.

Requirements for examination:

Knowledge of the content of the lectures and course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
Family Sociology	KSP/SORY	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	1	2

Lecturer (academics): Dana Sýkorová

Status of the course in the study program: Compulsory.

Course description:

Sociological theory of the family; the anchoring of the family in social macrostructures; relationships and processes in the family; the family and marriage in the Czech Republic; divorce, re-marriage, and re-organized families; alternatives to marriage and the family; the future of the family.

Aims and objectives of the course:

Students will master the theoretical basics of family sociology and will become acquainted with the situation of the Czech family during a time of social transformation, as demonstrated through lucid and concrete empirical research.

Teaching method: Lectures.

Teaching aids & literature:

- Čermáková, M. (ed.) 1995: *Woman, Work and Society*. Working paper 95:4. Prague, Sociologický ústav AV ČR.
- Davidovic, M. 1994: *East European Woman: From Postcommunism to War*. Sociologija 36: 193–205.
- Fodor, E. 1996: *Gender in Transition: Unemployment in Post-State Socialist Societies*. Paper presented at the 1996 meeting of the American Sociological Association, New York.
- Fong, M. G. 1993: *Women's Economic Status in the Restructuring of Eastern Europe*. pp. 217–247 in *Democratic Reform and the Position of Woman in Transition Economics*, ed. by V. M. Moghadam. Oxford: Clarendon Press.
- Funk, N.S., Mueller, M. (eds.) 1993: *Gender Politics and Post-Communism*. New York: Routledge.
- Paukert, L. 1993: *The Changing Economic Status of Woman in the Period of Transition to a Market Economy: The Case of the Czech and Slovak Republics after 1989*. pp. 246–279 in *Democratic Reform and the Position of Woman in Transition Economics*, ed. by V. M. Moghadam. Oxford: Clarendon Press.
- Salzmann, Z. 1990: *Portrayal of Gender Relations in Contemporary Czech Mass Media*. *East European Quarterly* 23: 399–407.
- Večerník, J. 1995: *Changing earnings distribution in the Czech Republic*. *Survey evidence from 1988–1994*. *Economics of Transition* 3: 355–371.
- Večerník, J. 1996a: *Incomes in Central Europe: Distributions, Patterns and Perceptions*. *Journal of European Social Policy* 6: 101–122.
- Večerník, J. 1996b: *Markets and People: The Czech Reform Experiences in Comparative Perspective*. Aldershot, UK: Avebury.

Watson, P. 1993a: Eastern Europe: The silent revolution of gender relationships. *Argument* 35: 859–874.

Watson, P. 1993b: Eastern Europe's silent revolution: Gender. *Sociology* 27: 471–487.

Daly, M. Changing family life in Europe. Significance for state and society. *European Sociological Association* 7,3: 379–398.

Examination method: Oral tests.

Requirements for examination: Essay on a chosen theme.

Registration for examination: Written.

Course title:	Course No:	Semester:
Methods and Technics in Social Research	KSP/MTSV1	Summer
Course type:	Hours/Week:	Number of credits:
Lectures + Practice	2+1	3

Lecturer (academics): Klára Janoušková

Status of the course in the study program: Optional.

Course description:

Study plan for 13 weeks: Structure of scientific inquiry, Paradigm and the concept of normal science, Causality in social science, experiment, Research design, research topic and research question, Hypothesis and operational definitions, Validity and reliability, Sample selection, Interview, Questionnaire, Observation, Data analyses, Writing the research report, Presentation of the students' project.

Aims and objectives of the course:

The aim of the course is to introduce general principles of the quantitative research. Students will learn how to conduct the quantitative research design. At the end of the course students will be able to follow basic steps of deductive research strategy. They will know how to construct research question, hypothesis, how to proceed the operationalisation process and how to construct interview or questionnaire. They will also know how to select research sample. The basic principles of the writing of the research report will be learned as well.

Teaching method: self-reading, discussions and consultation.

Teaching aids & literature:

Babbie, E. 1986. *The Practice of Social Research*. Belmont: Wadsworth Publishing Company.

Black, T., R. 1999. *Doing Quantitative Research in the Social Sciences. An Integrated Approach to Research Design, Measurement and Statistics*. London: Sage.

Blaikie, N. 1993. *Approaches to Social Enquiry*. Cambridge: Polity Press.

Churton, M. 2000. *Theory and Method*. Houndmills: Macmillan.

Mertens, D., M. 1998. *Research Methods in Education and Psychology. Integrating Diversity with Quantitative & Qualitative Approaches*. Thousand Oaks: Sage.

Punch, K., F. 2000. *Developing Effective Research Proposals*. London: Sage.

Robson, C. 1993. *Real World Research. A Resources for Social Scientists and Practitioner*. Oxford: Blackwell.

Vaus, D. A. 1990. *Survey in Social Research*. London: Unwin Hyman.

Examination method: Oral exam.

Requirements for examination: Quantitative research project.

Course title:	Course No:	Semester:
Problems of Ethnic Minorities	KSP/PETME	Winter
Course type:	Hours/Week:	Number of credits:
Lecture	2	3

Lecturer (academics): Kateřina Pavlisková

Status of the course in the study program:

Compulsory course in Specialization – Health care program.

Course description:

History of human rights and the basic documents; Determination of the basic concepts: prejudice, discrimination, xenophobia, ethnocentrism; Minorities in general. Protection of the rights of members of minorities; Racism as ideology; Nationality structure of Czech republic; Roma minority in Czech republic; Approaches to work with ethnic minorities, task for social work.

Aims and objectives of the course:

The aims of course is taking up with the problems of ethnic minorities and understanding area of human rights. Students should develop not only the theoretical knowledge but in the line with interactive lectures they should experience new feelings in role games and discussion.

Teaching methods: Lectures.

Teaching aids and literature:

Compass – A manual of human rights education with young people, Strasbourg: Council of Europe 2002.

Gabal, I. a kol. *Ethnic Minorities in Central Europe*. Praha: GplusG, 1999.

Heyesová, N. *The Basic of Social Psychology*. Portál, Praha 1998.

Tajfel, H. *Social Psychology of Minorities*, Minority Rights Group, Bratislava 1995.

Amnesty International – web.amnesty.org

Declaration of Human Rights.

Human Rights Instruments (Netherlands Institute of Human Rights) – www.uu.nl/uupublish/homerechtsgeleer/onderzoek/onderzoekscholen/sim/english/instruments/22884main.html

Examination method: Oral tests.

Requirements for examination: Essay on a chosen theme.

Registration for examination: Written.

Course title:	Course No:	Semester:
Methods of Social Work – Social Work with Family	KSP/MSPR4	Winter
Course type:	Hours/Week:	Number of credits:
Lecture + practice	2	3

Lecturer (academics): Alice Gojová

Status of the course in the study program:

Compulsory course in Specialization – Health care program.

Course description:

Introduction. Determination of social work with family; Theoretical ground of social work with family; Family therapy development and family therapy influence on social work with family; System and systemic approaches; System and systemic approaches and their application in the field of social work with family; Principles of social work with family concentrated on neutrality; Systemic concept of “problems”; Questioning of working with family; Questions – constructive questions, miracle question, measure questions; Circular questions, training; Definition and formulation of goals; Techniques concentrated on solution; Family work ending and evaluation.

Aims and objectives of the course:

Course is focused on understanding of changes in thought approach to social reality, targeted on explanation of system and systemic theory and its influences on social work with family. Practical trainings are aimed at practice work with family.

Teaching methods: Lectures and practices.

Teaching aids and literature:

Basic:

RIEGER, Z., VYHNÁLKOVÁ, H.: *Ostrov rodiny. Integrovaný přístup pro práci s rodinou. Příručka pro odborníky.* Hradec Králové: Konfrontace, 1996.

SATIROVÁ, V.: *Knihy o rodině.* Praha: Institut Virginie Satirové, 1994.

ÚLEHLA, I.: *Umění pomáhat.* Písek: Renaissance, 1996.

Compulsory reading of one of following title:

JONESOVÁ, E.: *Terapie rodinných systémů. Vývoj v milánských systemických terapiích.* Hradec Králové: Konfrontace, 1996.

LUDEWIG, K.: *Systemická terapie. Základy klinické praxe.* Praha: Pallata, 1992.

SCHLIPPE, A.V., SCHWEITZER, J.: *Systemická terapie a poradenství.* Brno: Cesta, 2001.

PECHÁČKOVÁ, S.: *Zpráva o systemické terapii.* Praha: Institut pro systemickou zkušenost, 1993.

Recommended:

ATWOOD, J. D.: *Family Therapy. A Systemic Behavioral Approach.* Chicago: Nelson-Hall Publisher, 1992.

BERG, I. K.: *Posílení rodiny.* Praha: Institut pro systemickou zkušenost, 1992.

GJURIČOVÁ, Š., KUBIČKA, J., ŠPITZ, J.: *Vidět věci jinak. Rozhovory rodinných terapeutů.* Praha: SLON, 1998.

KRATOCHVÍL, S.: *Manželská terapie 3, rozšířené vydání.* Praha: Portál, 2000.
MATOUŠEK, O.: *Rodina jako instituce a vztahová síť.* Praha: SLON, 1997.
PLAŇAVA, I.: *Manželství a rodiny. Struktura. Dynamika. Komunikace.* Brno: Doplněk, 2000.

SHULMAN, L.: *The Skills of Helping.* Itasca, Illinois: F. E. Peacock Publishers INC, 1992.
SIMON, F. B., STIERLIN, H.: *Slovník rodinné terapie.* Hradec Králové: Konfrontace, 1996.
WARSHAK, R. A.: *Revoluce v porozvodové péči o děti.* Praha: Portál, 1996.
WATZLAWICK, P.: *Jak skutečná je skutečnost.* Hradec Králové: Konfrontace, 1998.
WATZLAWICK, P.: *Pragmatika lidské komunikace: interakční vzorce, patologie a paradoxy.* Hradec Králové: Konfrontace, 1999.

Requirements for examination:

Lecture's presence (2 excused absences), roles active practicing, basic literature studying.

Registration for examination: Written.

Course title:	Course No:	Semester:
Methods of Social Work – Social Work with Family	KSP/MSPR6	Summer
Course type:	Hours/Week:	Number of credits:
Lecture + practice	2	3

Lecturer (academics): Alice Gojová

Status of the course in the study program:

Compulsory course in Specialization – Health care program.

Course description:

Family work modeling concentrated on neutrality; Family work modeling concentrated on problem definition; Family work modeling concentrated on questions; Family work modeling concentrated on goals formulation; Family work modeling concentrated on solution techniques; Family work modeling concentrated on family work ending and evaluation; Virginia Satir approach; Virginia Satir approach, training; Family island metaphor; Family island metaphor, training; Family island metaphor, training; Task centered approach in application on social work with family; Family work phases.

Aims and objectives of the course:

Course is focused on application theoretical base in social work with family. Practical trainings are aimed at practice of work with family and its reflection.

Each student will simulate work with family and reflect it with group.

Teaching methods: Lectures and practices.

Teaching aids and literature:

Basic:

RIEGER, Z., VYHNÁLKOVÁ, H.: *Ostrov rodiny. Integrovaný přístup pro práci s rodinou. Příručka pro odborníky.* Hradec Králové: Konfrontace, 1996.

SATIROVÁ, V.: *Kniha o rodině*. Praha: Institut Virginie Satirové, 1994.

ÚLEHLA, I.: *Umění pomáhat*. Písek: Renaissance, 1996.

Compulsory reading of one of following title:

JONESOVÁ, E.: *Terapie rodinných systémů. Vývoj v milánských systemických terapiích*. Hradec Králové: Konfrontace, 1996

LUDEWIG, K.: *Systemická terapie. Základy klinické praxe*. Praha: Pallata, 1992.

SCHLIPPE, A.V., SCHWEITZER, J.: *Systemická terapie a poradenství*. Brno: Cesta, 2001.

PECHÁČKOVÁ, S.: *Zpráva o systemické terapii*. Praha: Institut pro systemickou zkušenost, 1993.

Recommended:

ATWOOD, J. D.: *Family Therapy. A Systemic Behavioral Approach*. Chicago: Nelson-Hall Publisher, 1992.

BERG, I. K.: *Posílení rodiny*. Praha: Institut pro systemickou zkušenost, 1992.

GJURIČOVÁ, Š., KUBIČKA, J., ŠPITZ, J.: *Vidět věci jinak. Rozhovory rodinných terapeutů*. Praha: SLON, 1998.

KRATOCHVÍL, S.: *Manželská terapie 3, rozšířené vydání*. Praha: Portál, 2000.

MATOUŠEK, O.: *Rodina jako instituce a vztahová síť*. Praha: SLON, 1997.

PLAŇAVA, I.: *Manželství a rodiny. Struktura. Dynamika. Komunikace*. Brno: Doplněk, 2000.

SHULMAN, L.: *The Skills of Helping*. Itasca, Illinois: F. E. Peacock Publishers INC, 1992.

SIMON, F. B., STIERLIN, H.: *Slovník rodinné terapie*. Hradec Králové: Konfrontace, 1996.

WARSHAK, R. A.: *Revoluce v porozvodové péči o děti*. Praha: Portál, 1996.

WATZLAWICK, P.: *Jak skutečná je skutečnost*. Hradec Králové: Konfrontace, 1998.

WATZLAWICK, P.: *Pragmatika lidské komunikace: interakční vzorce, patologie a paradoxy*. Hradec Králové: Konfrontace, 1999.

Examination method: Written test + Oral exam.

Requirements for examination:

Lecture's presence (2 excused absences), roles active practicing, basic literature studying, seminar report, exam – written test (70% for possibility to pass oral exam), oral exam.

Registration for examination: Written.

Course title:	Course No:	Semester:
Public Health Services	UOM/VZDVP	Winter
Course type:	Hours/Week:	Number of credits:
Lectures	2/0	2

Lecturer (academics): Darja Jarošová

Status of the course in the study program:

Compulsory course in the Nursing Care program (Nursing and Midwifery).

Course description:

Health policy (health determinants, developments in the health of Czech citizens); basic components of the Czech health system (demography, network of health institutions, current issues in citizens' health); health systems (development of health service financing, comparison of health systems in European Union countries and in the USA, the transformation of health services); health service economics (financing of the individual segments of the health care system); interaction between the social and health systems in the Czech Republic; future prospects (primary health care, health care management, health programs).

Aims and objectives of the course:

The course provides students with basic information on public health services in the Czech Republic and other selected countries. It draws attention to ethical, economical, medical and political problems related to health care provision.

Teaching method: Lectures.

Teaching aids & literature:

Křížová, E.: *Zdravotnické systémy v mezinárodním srovnání (International Comparison of Health Systems)*, Prague 1998.

Drbal, C.: *Politika pro zdraví. (Policy for Health)*. Prague, 1998.

Drbal, C.: *Zdravotní stav populace ČR a jeho prognóza jako dominantní determinanta požadavků na systém péče o zdraví. (The state of health of the Czech population and health forecasting as the main determinant of demands on the health care system.)* Prague, 1998.

Háva, P.: *Úvod do ekonomiky zdravotnictví. (Introduction to the Economics of Health Care)*. Prague, 1998.

Zdravotnické ročenky MZ ČR (Health Yearbooks of the Health Ministry of the Czech Republic).

WHO (Comparative studies).

Atlas of the European Union.

Health Ministry Materials.

Examination method: Written test.

Requirements for examination:

Familiarity with the content of the lectures and relevant literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
Community Nursing and Home Care	UOM/KODVS	Winter
Course type:	Hours/Week:	Number of credits:
Lectures and seminars	1+2	2

Lecturer (academics): Darja Jarošová

Status of the course in the study program:

Compulsory course in the Nursing Care program.

Course description:

The community and a person, a health and social service system in the community, primary and tertiary health care, multidisciplinary team work, the role of a nurse and a midwife in community care, nursing care in the general practitioner's surgery, a family – care for a family in the community, care for people with disabilities and those in danger in the community, a history of community care, a history and present of home care, home care agencies, legislation, the management of home care agencies, financing, visiting clients.

Aims and objectives of the course:

Students will grasp the term “community” and the meaning of healthy social and natural surroundings for the person's health. They will learn about the development of health and social services in community care for the health of individuals and various population groups. They will adopt home care philosophy as well as they will be familiarized with the basic organisational structure of home care, and with interdisciplinary approach in home care.

Teaching method: Lectures and Seminars.

Teaching aids & literature:

Ebersole, P., Hess, P., Luggen, A.S. *Toward Healthy Aging: Human Needs and Nursing*. 6th ed. St. Luis: Mosby, 2004. 789p. ISBN 0-323-02012-7.

Nies, M.A., McEwen, M. *Community Health Nursing*. Philadelphia: Saunders Company, 2001. ISBN 0-7216-9161-7.

Jarošová, D. *Komunitní ošetrovatelství a domácí péče*. Ostrava: Ostravská univerzita, 2005. 53 s. (distanční texty).

Examination method: Written test.

Requirements for examination: Basic skills from practical workshops.

Registration for examination: Written.

Course title:	Course No:	Semester:
Nursing Research	UOM/VYOVP	Summer
Course type:	Hours/Week:	Number of credits:
Lectures and seminars	1+1	2

Lecturer (academic): Darja Jarošová

Status of the course in the study program:

Compulsory course in the Nursing Care program (Nursing and Midwifery).

Course description:

The course it to teach critical and scientific thinking abilities. It aspires to result in a better understanding of scientific methodology in nursing practice: evidence based nursing. The alumni will have acquired basic knowledge of the research process, selection of proper methodology and data procession plus evaluation.

Aims and objectives of the course:

Are to gain of the fundamental phases of research, to comprehend proper choice of methodology for particular variables, to acquire nursing research skills, to learn to be capable of implementation of these skills and to gain expertise in practical application of research findings.

Teaching method: Lectures and Seminars.

Teaching aids and literature:

Ivanová, K.: *Metody a techniky výzkumu*. Ostrava: Ostravská univerzita, 2004. 121s. distanční texty.

Polit, D.F., Hungler, B.P.: *Nursing Research. Principles and Methods*. Philadelphia: Lippincott, 1999. 757s. ISBN 0-7817-1562-8

Examination method: Written tests.

Requirements for examination:

Basic knowledge from the lectures/seminars and course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
Nursing Ethics	UOM/EOSVP	Summer
Course type:	Hours/Week:	Number of credits:
Seminars	0+2	1

Lecturer (academics): Radka Bužgová

Status of the course in the study program:

Compulsory course in the Nursing Care program (Nursing and Midwifery).

Course description:

The course focuses on ethical questions in professional nursing, including charity, equity, autonomy, veracity, faithfulness and honesty. It aims at explaining integration of ethical principles into the Code of Nursing Ethics and deals with ethical dilemmas, as well as with the attitude of medical staff to the patient/client.

Aims and objectives of the course:

Are to comprehend value systems (beliefs, attitudes) as a basis of professional behaviour in nursing, to become knowledgeable about how law pertains to ethics, and to acquire knowledge about the Code of Nursing Ethics.

Teaching method: Seminars.

Teaching aids & literature:

Ivanová, K.: Etika ve zdravotnictví. Ostrava: Ostravská univerzita, 2003.

Šimek, J., Špalek, V.: Filozofické základy lékařské etiky. Praha: Grada, 2003, ISBN 80-247-0440-4.

Munzarová, M.: Vybrané kapitoly z lékařské etiky, Masarykova univerzita v Brně, Fakulta lékařská, Brno 2000.

Fišerová, J.: Etika v ošetrovatelství. Brno: IDVPZ, 1995.

Thompson, I., E., Melia, K., M., Boyd, K., M.: Nursing Ethics. Edinburgh: Churchill Livingstone, 2000.

Examination method: Written test.

Requirements for examination:

Basic knowledge from the lectures/seminars and course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
Nursing Process and Documentation	UOM/OPDVS	Winter
Course type:	Hours/Week:	Number of credits:
Lectures and seminars	1+1	2

Lecturer (academics): Jana Marečková, Darja Jarošová

Status of the course in the study program:

Compulsory course in the Nursing Care program (Nursing and Midwifery).

Course description:

The definition of nursing, focus of nursing, a nurse's role and competences, the determination of roles of primary and group nurse's work, system of nursing care provision, methodics of nursing process, nursing documentation, patient/client assessment methods, methodics of work with a case study, stages of nursing process, formation of a nursing care plan.

Aims and objectives of the course:

Students will be able to describe basic stages of nursing process and explain their meaning. They will understand a nurse's autonomous, cooperative, directive and investigative role. They will be aware of advantages of nursing process for a patient and a nurse. They will be able to form nursing care plans and keep daily records, to observe quality of individual care in nursing care and be responsible for it.

Teaching method: Lectures and seminars.

Teaching aids & literature:

LEMONT (Lerning Material on Nursing) 1.- 5.díl. Brno: IDVPZ, 1996.

Trachtová, E.: Potřeby nemocného v ošetrovatelském procesu. Brno: IDV PZ, 1999.

Cox, H., et al. 2002. Clinical Application of Nursing Diagnosis. 4. vyd. Philadelphia: F.A. Davis Company, 2002. 752 s. ISBN 0-8036-0913-2.

Examination method: Written test.

Requirements for examination:

Basic knowledge from the lectures/seminars and course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
Human Needs and Nursing Diagnoses	UOM/PDVS1	Winter
Course type:	Hours/Week:	Number of credits:
Lectures and seminars	0+3	2

Lecturer (academics): Jana Marečková, Darja Jarošová

Status of the course in the study program:

Compulsory course in the Nursing Care program (Nursing and Midwifery).

Course description:

The definition of health according to the WHO, the determination of an illness from nursing perspective, the role of a client and a nurse and their mutual interaction. Basic biological human needs. Algorithm of satisfying human needs and dynamics of human needs. An outline of classifications and taxonomies of needs, classification of dg concepts NANDA and diagnostic domains of taxonomy II, the use of NANDA terminology, NIC, NOC, diagnostic domains.

Aims and objectives of the course:

Students will be able to clarify specific concepts of nursing diagnostics, to identify a client's nursing problems, to use objectified methods of assessment of needs, to form two- or three-component individual nursing diagnoses, and plan nursing activities.

Teaching method: Lectures and seminars.

Teaching aids & literature:

Cox, H., et al. 2002. Clinical Application of Nursing Diagnosis. 4. vyd. Philadelphia: F.A. Davis Company, 2002. 752 s. ISBN 0-8036-0913-2.

Gordon, M. et al. Nursing Diagnoses: Definitions & Classification 2001–2002. Philadelphia: NANDA, 2001–2002. 256 s. ISBN 09637042.73.

Ralph, S., S. et al. Nursing Diagnoses: Definitions & Classification 2003–2004. Philadelphia: NANDA, 2003–2004. 277 s. ISBN 0-963704-9-X.

Examination method: Written test.

Requirements for examination:

Basic knowledge from the lectures/seminars and course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
Gerontological Nursing Care	UOM/SENV5	Winter
Course type:	Hours/Week:	Number of credits:
Seminars and practice	2+1	4

Lecturer (academics): Darja Jarošová, Radka Bužgová

Status of the course in the study program:

Compulsory course in the Nursing Care program.

Course description:

Prolonging human life, age division, morbidity and mortality, physical changes in seniors, healthy old age, services and care for seniors in primary and tertiary care, organization of health care and social services, health promotion and prevention in primary, secondary and tertiary care, clinical conditions of perception and memory disorders.

Aims and objectives of the course:

Students will be able to understand the interrelations of prolonging human life, continuity of health and social care, differences of care for seniors' individual needs in primary, secondary and tertiary health care system, evaluate a senior's actual state of health. They will be familiarized with standard diagnostic procedures and tests in seniors, as well as with standard treatment and doctors' surgeries in various clinical conditions.

Teaching method: Seminars and Practice.

Teaching aids and literature:

Topinková, E.: Geriatrie pro praktického lékaře. Praha: Grada Publishing, 1995.

Kalvach, Z. a kol.: Úvod do gerontologie a geriatrie. Praha: Karolinum, 1997. 193s.

Pacovský, V.: Geriatrie. Praha: Scientia Medica, 1994.

Holmerová, I., Jurašková, B., Zikmundová, K.: Vybrané kapitoly z gerontologie. 1. vyd. Praha: GEMA, 2002.

Allender, J., Rector, Ch.: Readings in Gerontological Nursing. Philadelphia: Lippincott-Raven Publishers, 1998 ISBN 0-7817-9201-0.

Examination method: Oral/Practical tests.

Requirements for examination:

Basic knowledge from the lectures/seminars and course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
Palliative and Hospice Care	UOM/PHPVS	Winter
Course type:	Hours/Week:	Number of credits:
Seminars and practice	0+1	2

Lecturer (academics): Darja Jarošová, Radka Bužgová

Status of the course in the study program:

Obligatory course in the Nursing Care program.

Course description:

Terminology: dying, death, preparation for death, life after life, euthanasia, hospice and its integration into the health care system, needs of the dying and their relatives, spiritual care, clinical conditions in hospice care, care focused on psychosocial needs of terminally ill patients, reactions of a person during individual stages of dying, care for terminally ill patients, pain management, prevention of burn-out syndrome in hospice care providers.

Aims and objectives of the course:

The course follows subject Nursing care in oncological patients. Students will learn about new services and types of institutions belonging to tertiary care that offer individual nursing care to terminally ill patients and the dying. It will help students understand that hospice care provides patients with dignified dying, reconciliation and peaceful death, including support to their closest relatives.

Teaching method: Seminars and practice.

Teaching aids & literature:

Haškovcová, H.: Thanatologie. Praha: 2000.

Vorlíček, J., Adam, Z. a kol.: Paliativní medicína. Praha: Grada, 1998.

Svatošová, M.: Hospice a umění doprovázet. Praha: Ecce Homo, 1995.

Examination method: Oral test.

Requirements for examination:

Basic knowledge from the lectures/seminars and course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
Dietetics	UOM/VYDVP	Winter
Course type:	Hours/Week:	Number of credits:
Lectures	1+1	2

Lecturer (academics): Ondřej Urban

Status of the course in the study program:

Compulsory course in the Nursing Care program (Nursing and Midwifery).

Course description:

Outlay of energy and its cover in the health and in illness, protein nutritional function of proteins, carbohydrates, fats, vitamins, micronutrients, rational nutrition, ideal weight, food pyramid, ten rules for healthy nutrition, nutrition in specific situations, a dietary system in hospitals, enteral and parenteral artificial nutrition, accesses to peptic tube and venous accesses.

Aims and objectives of the course:

Students will be informed about basic terms concerning dietetics. They will gain knowledge of rational nutrition – civilizing diseases prevention being a main goal. They will learn about basics of nutrition in specific clinical situations – diabetes mellitus, renal failure etc. They will be familiarized with methods of artificial enteral and parenteral nutrition as well as with a dietary system of hospitals.

Teaching method: Lectures.

Teaching aids & literature:

Keller, U., Meier, R., Bertoli, S. Klinická výživa. Praha: Scientia Medica, 1993.

Zadák, Z. Výživa v intenzivní péči. Praha: Grada Publishing, 2002.

Shils at al.: Modern Nutrition in Health and Disease, Williams and Wilkins, 1999.

Examination method: Written test.

Requirements for examination:

Basic knowledge from the lectures/seminars and course literature.

Registration for examination: Written.

Course title:	Course No:	Semester:
Sexual Education and Family Planning	UOM/SEXPA	Summer
Course type:	Hours/Week:	Number of credits:
Seminars	0+1	1

Lecturer (academics): Yvetta Vrubleová

Status of the course in the study program:

Compulsory course in the Nursing Care program.

Course description:

The subject covers theoretical and practical teaching for midwives. It provides students with information concerning the concept of health of an individual and a family. It puts an emphasis on the basic function of nursing in the society – educational activity in the health promotion and the prevention of disease (including preventable complications). It familiarizes students with the contents, methods and procedures of sexual education and family planning that are suitable both for individuals and various age groups of clients. It also includes didactic preparation of the topics.

Aims and objectives of the course:

Students will understand education of responsible family planning. They will apply sexual education in the field and will inform and advise on healthy family planning. They will learn methods and procedures in sexual education and know various kinds of contraception and their use. They will understand ontogenesis of human sexuality and problems of sexual education. This education will focus on sexual education of children at kindergartens and at elementary schools, and on sexual behaviour during pubescence and adolescence, including the implementation of education of pubescents and preparation of adequate educational materials dealing with methods of family planning and the prevention of sexually transmitted diseases. A few lessons will focus on sexual behaviour in the adulthood, climacteric and late postmenopause. Ethical principles of miscarriage and sexual disorders in women and men will be dealt with separately.

Teaching method: Seminars.

Teaching aids & literature:

Sielert,V. a kol.: Sexuální výchova. Praha: Trizonia, 1994.

Harris,R.H.: Pojdme si povídat o sexu. Bratislava:INA, 1995 ISBN 80-85680-23-8.

Anchell, M.: Sexuální výchova s otazníkem. Olomouc:Matice Cyrilometodějská, 1996 ISBN 80-86039-63-3.

Fogel&Lauver: Sexual Health Promotion. Philadelphia: W.B.Saunders Co, 1989 ISBN 0-216-3799-X.

Morus,R.L.: Světové dějiny sexuality. Praha: Naše vojsko, 1992.

Zvěřina,J.: Lékařská sexuologie. Praha: Sexuologický ústav I.LFUL, 1994.

Daniš,K., Kindl,M.: Kapitoly z dějin lidské sexuality.

Wormser,G.P.: AIDS and Other Manifestations of HIV Infection. 3rd ed.

Philadelphia: Lippincott-Raven Publishers, 1997 ISBN 0-397-58760-0.

Stolte,K.M.: Wellness. Nursing Diagnosis for Health Promotion. Philadelphia:

Lippincott-Raven Publishers, 1996 ISBN 0-397-55082-0.

Examination method: Colloquium.

Requirements for examination: Basic skills from practical workshops.

Registration for examination: Written.

Course title:	Course No:	Semester:
Education in Midwifery	UOM/EDUPA	Summer
Course type:	Hours/Week:	Number of credits:
Seminars	0+2	1

Lecturer (academics): Bohdana Dušová

Status of the course in the study program:

Compulsory course in the Nursing Care program.

Course description:

Pedagogic approach and the organization of didactic process (education, learning new knowledge and skills), nursing evaluation of an individual need of education in a client/patient, principles how to form an educational plan, setting the aims of an educational plan, the choice of educational methods and procedures, application of new knowledge and skills by a patient (revision, presentation), setting time and place for an educational activity, the evaluation of its effectiveness, teaching aids in theory and practice of teaching and learning, modern teaching aids, topics and plans of education of teaching, methods of the education of an individual and a group.

Aims and objectives of the course:

Students will extend their didactic knowledge which they will apply in practice while educating both clients/patients and nursing staff. They will understand the importance of meeting needs of knowledge and skills in each client/patient. They will get basic knowledge and practical skills using various teaching methods and preparing a project of an educational program. They will be able to assess the results of their own educational activity in individuals.

Teaching method: Seminars.

Teaching aids & literature:

Dušová, B. Edukace v ošetrovatelství. Ostrava: Ostravská univerzita, 2005. 66s. (distanční texty).

Závodná, V. 2002. Pedagogika v ošetrovatelstve. 1. vyd. Martin: Osveta, 2002.

Průcha, J. 2002. Moderní pedagogika. 2. přepr. vyd. Praha: Portál, 2002. 481s. ISBN 80-7178-631-4.

Průcha, J.1992. Proměny vzdělávání v mezinárodním kontextu. 1. vyd. Praha: UK, 1992, 155s. ISBN 80-7066-546-7.

Kozierová, B., Erbová, G., Olivierová, R. 1995. Ošetrovatelstvo I. II. 1. vyd. Martin: Osveta, 1995. 1474s. ISBN 80-217-0528-0.

Examination method:

Written test, practical test.

Requirements for examination:

Basic skills from practical workshop.

Registration for examination: Written.

Course title:	Course No:	Semester:
Prenatal Care and Preparation for Parenthood	UOM/PREPA	Summer
Course type:	Hours/Week:	Number of credits:
Seminars	0+2	1

Lecturer (academics): Bohdana Dušová

Status of the course in the study program: Compulsory course in the Nursing Care program.

Course description:

Primary care – the definition of the term, the definition in the present system of providing health care; prevention, the role of a midwife in the health care system as a care provider – present state in the Czech Republic, prenatal, perinatal and postnatal care – the definition of terms, definitions, perinatal mortality, morbidity, prenatal consulting, diagnostics, therapy – their legislation, psychoprophylactic preparation for childbirth and its legislation, individual lessons of the preparation of pregnant women and couples for childbirth, exercises in the 1st, 2nd and 3rd trimester, pregnancy card, nutrition during pregnancy, pregnancy a month by month, what to bring to the maternity hospital, positions during childbirth and their training, breastfeeding and its importance, information on 1st, 2nd, 3rd and 4th stage of labour, admission into labour ward, puerperium, contraception after childbirth, sexual life after childbirth, a close person and mutual contact, a dule and her benefit to an expectant mother, visiting service and its legislation, childbirth, puerperium and care for a new-born – legislation in primary care, consulting on pathological pregnancy.

Aims and objectives of the course:

Students will understand an integrated system of primary care, they will learn about care for a pregnant woman, puerpera and a new-born in primary care, as well as methods of preparation of a pregnant woman and couples for childbirth, they will know of legislation concerning the role of a midwife in primary care in the present care system in the Czech Republic and within the EU countries.

Teaching method: Seminars.

Teaching aids & literature:

Simkin, P.: Partner u porodu, Praha: Argo, 2000, ISBN 80-7203-308-5.

Stadelmann, I.: Zdravé těhotenství, přirozený porod. Praha: One Woman Press, 2001, ISBN 80-86356-04-3.

Fenwicková, E.: Zdravé těhotenství. Praha: Ikar, 1998.

Evans, N.: Těhotenství a porod od A do Z. Praha: Pragma, 1997, 333s. ISBN 80-7205-510-

Macků, F., Macků, J.: Průvodce těhotenstvím a porodem. Praha: Grada, 1998.

Mackonochieová, A.: Těhotenství a péče o dítě. Praha: Svojtka, 1998, ISBN 80-7237-049-9

Simkin, P.: Partner u porodu, Praha: Argo, 2000, 243s. ISBN 80-7203-308-5.

Stadelmann, I.: Zdravé těhotenství, přirozený porod. Praha: One Woman Press, 2001, 583s. ISBN 80-86356-04-3.

Examination method: Written test, practical test.

Requirements for examination: Basic skills from practical workshops.

Registration for examination: Written.

Course title:	Course No:	Semester:
Natural Methods in Midwifery	UOM/PMPPA	Winter
Course type:	Hours/Week:	Number of credits:
Seminars	0+1	2

Lecturer (academics): Bohdana Dušová

Status of the course in the study program:

Compulsory course in the Nursing Care program.

Course description:

Holistic approach towards pregnancy and childbirth, prominent obstetricians' approach towards natural methods, gravidyoga and its use during pregnancy, oriental belly dance, relaxation techniques during childbirth, the use of various positions and aids during childbirth, massages, aromatherapy, fytotherapy, acupressure, acupuncture in pregnancy and during childbirth, music therapy and hypnosis during pregnancy and childbirth, a close person and mutual contact, the importance of a dule for an expectant mother, hydrotherapy and its importance during pregnancy and childbirth, advantages and disadvantages of pharmacological and nonpharmacological methods of pain management during childbirth, homeopathy, art therapy in pregnancy.

Aims and objectives of the course:

Students will learn about natural methods at childbirth, they will be well versed in effective techniques and scientific knowledge, they will know methods of self-knowledge, and they will know how to increase the sense of strength and responsibility in a pregnant woman.

Teaching method: Seminars.

Teaching aids & literature:

Tiran, D.: Aromatherapy in Midwifery Practice. Philadelphia: A Bailliere Tindal Ltd. Book, 1996, ISBN 0-7020-1978-X.

Odent, M.: Znovuzrozený porod. Praha: Argo, 1995 ISBN 80-85794-05-2.

Odent, M.: Lásky jako věda. Opava: Nakladatelství a vydavatelství Sz s.r.o, 2001, ISBN 80-86489-02-7.

Leboyer, F.: Porod bez násilia. 1.vyd. Martin: Osveta, 1991.

Leboyer, F.: Porod bez násilí. Praha: Stratos, 1995 ISBN 80-85962-04-7.

Makedonova, N.: Gravidjoga. Bratislava 1991 ISBN 80-900557-3-7.

Stadelmann, L.: Zdravé těhotenství, přirozený porod. One Woman Press 2001 ISBN 80-86356-04-3.

Examination method: Written test.

Requirements for examination: Basic skills from practical workshops.

Registration for examination: Written.

Course title:	Course No:	Semester:
Pathology	UAN/PA	Winter/Summer
Course type:	Hours/Week:	Number of credits:
Lectures, practice	2+1	3

Lecturer (academics): Miroslav Přádka, Marie Rýdlová, Vojtěch Kamarád

Status of the course in the study program: Compulsory course in all faculty programs.

Course description: Chapters from general and special pathology, histology and embryology.

Aims and objectives of the course:

Students will gain basic orientation in the field of pathology.

Teaching method: Lectures and practice.

Teaching aids & literature:

Gray, H.: Anatomy of the human body. Lea&Febiger, 2000.

Drake, R. L.: Anatomy for students. Churchill Livingstone, 2005.

Thibodeau, G.A.: Anatomy&physiology. St. Louis Mosby cop., 1999.

Kumar, V., Cotran, R. S., Robbins, S. L.: Basic Pathology. W. B. Saunders Company, 1992.

Burkitt, H. G., Stevens, A., Lowe, J. S., Young, B.: Basic Histopathology. Churchill Livingstone, 1996.

Masood, S.: Cytopathology of the Breast. ASCP, Chicago, 1996.

Travis, W. D., Brambilla, E., Müller-Hermelink, H.K., Harris, C.C.: Pathology and Genetic of Tumours of the Lung, Pleura, Thymus and Heart. IARC Press, 2004.

Fletcher, Ch. D. M.: Diagnostic Histopathology of Tumors, volume 1. Churchill Livingstone, 2000.

Fletcher, Ch.D.M.: Diagnostic Histopathology of Tumors, volume 2. Churchill Livingstone, 2000.

Examination method: Oral test.

Requirements for examination: Basic knowledge from lectures and practice.

Registration for examination: Written.

COURSES TAUGHT IN GERMAN

Course title:	Course No:	Semester:
Pathology	UAN/PA	Winter/Summer
Course type:	Hours/Week:	Number of credits:
Lectures, practice	2+1	3

Lecturer (academics): Jaroslav Horáček

Status of the course in the study program:

Compulsory course in all medical-social programs.

Course description: Chapters from general and special pathology and cytology.

Aims and objectives of the course:

Students will gain basic orientation in the field of pathology and cytology.

Teaching method: Lectures, practice.

Teaching aids & literature:

Rohen, J.W., Yokochi, C.: Anatomie des Menschen, Photographischer Atlas F. K. Schattauer, 1993.

Waldeyer, A.: Anatomie des Menschen fuer Studierende und Ärzte dargestellt nach systematischen, topographischen und praktischen Gesichtspunkten, Teil 1. Berlin Walter De Gruyter, 1976.

Waldeyer, A.: Anatomie des Menschen fuer Studierende und Ärzte dargestellt nach systematischen, topographischen und praktischen Gesichtspunkten, Teil 2. Berlin Walter De Gruyter, 1979.

Rohen, J.W., Yokochi, C.: Anatomie člověka. Osveta, 1994.

Čihák, R.: Anatomie 1. Grada, 2001.

Čihák, R.: Anatomie 2. Grada, 2001.

Čihák, R.: Anatomie 3. Grada, 2001.

Feichter, G., Dalquen, P.: Zyto - pathologie. Springer, 2000.

Remmele, W., Peiffer, J., Schröder, J.M.: Pathologie. Springer, 1995.

Müller, K. M., Brasch, F.: Fibrosierende Lungenerkrankungen. IAP, 2003.

Mačák, J., Mačáková, J.: Patologie. Grada, 2004.

Mačák, J., Mačáková, J., Krejčí: Základy patologie a patofyziologie. Opava, 1993.

Jansa, P.: Repetitorium speciální patologie. Grada, 1997.

Povýšil, C. a kol.: Patologie obecná a speciální. Karolinum, 1996.

Examination method: Oral test.

Requirements for examination: Basic skills from lectures and practical workshops.

Registration for examination: Written.

Course title:	Course No:	Semester:
Methods of Social Work 4	KSP/MSP4	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	2	4

Lecturer (academics): Oldřich Chytil

Status of the course in the study program:

Compulsory course for the study program in Social Work with Emphasis on Medical Issues.

Course description:

The course focuses on the task-centered approach as a method used in social work with individuals, families and groups. Students are familiarized with the theoretical basis of the task-centered approach, the principles of the task-centered approach and the different stages of social work using the task-centered approach.

Aims and objectives of the course:

The objective of the course is to practice the task-centered approach when working with individuals. Emphasis is placed on the ability to judge the client's wishes and expectations, and also on encouraging the client to take an interest in actively dealing with his own situation.

Teaching method: Lectures and seminars.

Teaching aids & literature:

- Turner, F. (ed): Social Work Treatment. Interlocking Theoretical Approaches, New York (The Free Press) 1979.
 Reid, W. J., Epstein, L.: Task Centred Practice. New York, Columbia University Press 1997.
 Encyclopedia of Social Work, Vols. 1–2, Silver Spring 1987.
 Barker, R. L.: The Social Work Dictionary, Silver Spring 1991.
 Stimmer, F., u.a.: Lexikon der Sozialpädagogik und der Sozialarbeit, München-Wien 1994.
 Pippin, J. A.: Developing Casework Skills. Newbury Park, California, Sage 1980.
 Shulman, L.: The Skills of Helping. Itasca, Illinois, F. D. Peacock Publishers, INC 1992.
 Fisher, J.: Effective Casework Practice: An Eclectic Approach. New York, McGraw-Hill 1987.
 Řezníček, I.: Metody sociální práce (Methods of Social Work). Prag, Slon 1994.
 Úlehla, I.: Umění pomáhat (The Art of Helping), Písek, Renaissance 1996.
 Ludewig, K.: Systémická terapie – základy klinické teorie a praxe (Systemic Therapy – Basics of Clinical Theory and Practice). Prag, Pallata 1992.

Examination method: Oral tests.

Requirements for examination: Participation in the practice course.

Registration for examination: Written.

COURSES TAUGHT IN FRENCH

Course title:	Course No:	Semester:
Organizational and Social Problems of Modern Society	KSP/SORBY	Summer
Course type:	Hours/Week:	Number of credits:
Lecture	2	3

Lecturer (academics): Jan Keller

Status of the course in the study program:

Compulsory course for the study program in Social Work with Emphasis on Medical Issues.

Course description:

The course consists of three parts:

The sociology of bureaucracy.

The crisis of the welfare state.

Exclusion problems.

Sociologists have described some features of bureaucracy, which has become one of the main ways of coordinating public activities within a modern state. Bureaucracy can, at the same time, lead to a blocking and stifling of society. Can we expect a transformation of bureaucracy in line with the social changes which we are currently experiencing?

At present the welfare state is in deep crisis. The various aspects of this crisis have been described by Pierre Rosanvallon. Will European unification help in dealing with the problems of the welfare state, or will it only exacerbate them? Will the newly implemented executive system reinforce social stability, or will it in fact weaken it and create new disparities?

In developed societies the number of people who have in some way been excluded from participation in society is constantly increasing. In terms of financial and administrative costs, these isolated people place a burden on society. How can they be integrated in a more effective and satisfactory way than at present?

Aims and objectives of the course:

The course provides students with basic information to develop their understanding of the social problems which have arisen as a result of the development of contemporary society. It also sketches some possible ways of dealing with serious problems which are highly relevant to the future development of a united Europe.

Teaching method: Lectures.

Teaching aids & literature:

- Denis-Clair Lambert: L'État-Providence en question. Paris, Economica 1990. ISBN 2-7178-1921-5.
 Francois-Xavier Merrien: L'État-Providence. Paris. P-U-F-1997. ISBN 2-13-048419-0.
 Chantal Millon-Delsol: L'État subsidiaire. Paris. P-U-F-1992. ISBN 2-13-043974-8.

Pierre Rosanvallon: La nouvelle question sociale. Repenser l'État-Providence. Paris. Seuil 1995. ISBN 2-02-022030-X.

Henry Thomas: La production des exclus. Paris. Seuil 1998. ISBN 2-02-011523-9.

Jan Keller: Sociologie byrokracie a organizace. Praha. Slon 1996. ISBN 80-85850-15-X.

Examination method: Written tests.

Requirements for examination:

Knowledge of the course content and of the relevant foreign-language literature.

Registration for examination: Written.

pedagogical faculty



The Pedagogical Faculty provides for the preparation of future teachers and professionals for all types of educational institutions. It focuses on new possibilities for educating its learners and combines rich traditions of the Czech educational system, rooted in Comenius's heritage, with new streams in contemporary European and world pedagogy. It offers teaching studies of general educational subjects (Czech, Polish, German and English Languages, in Music Education, Fine Arts Education, Physical Education, Mathematics, History, etc.) and study programmes in Special Pedagogy and Social Pedagogy as well.

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COURSES TAUGHT IN ENGLISH

Adult Education / Andragogy	AE/A
Teaching English as a Foreign Language 1	CJP/DIAJ1
Teaching English as a Foreign Language 2	CJP/DIAJ2
Developing communicative skills in English – A	CJP/ANGLA
Chapters from British and American Literature	CJP/KAAL1
English for Sport and Leisure – time Activities (basic course)	CJP/1CAZR
English for Sport and Leisure – time Activities (advanced course)	CJP/1CASR
Intercultural education in multicultural society	KOV/ENVMS
Foreign lexical borrowing in the Czech language	KCD/FLB
Czech word – formation and vocabulary	KCD/WFV
Introduction to Sociology	KSV/IST
Song Arrangements 1	KHV/EVPRP
Study of contemporary Scores 1	KHV/ESPAR
Creative programming	LOGO
Educational Technologies 1	VTEC1
Educational Technologies 2	VTEC2

Course title:	Course No:	Semester:
Adult Education/Andragogy	AE/A	Summer
Course type:	Hours/Week:	Number of credits:
Lecture/seminar	1/1	2

Lecturer (academics): Bedřich Zapletal

Status of the course in the study program:

Compulsory in the part time study program Social Pedagogy/optional in the full time study program Social Pedagogy.

Course description:

The constitution of Adult Education/(Andragogy). Importance and function of AE/A. The position of EA/E in the system of human sciences. The evolution of AE/A in European countries and further countries. Core terms of AE/A: lifelong education, lifelong learning, lifewide learning, learning society, formal, nonformal and informal education/learning. The concept of the “integral andragogy”. The learning and teaching of the adults. Modern methods and forms in teaching and learning of adults. In-company training and retraining. Human resources management. The concept of the “social andragogy”.

The founders of AE/A and further important personalities. Study programs of AE/A at Czech universities.

Aims and objectives of the course:

To provide basic knowledge of modern AE/A, basic concepts and approaches, methods and forms of teaching, learning and education of the adults.

Teaching methods: Lectures and seminars.

Teaching aids & literature:

Lřnstrup, B.: Teaching Adults – with openness, Klim, Ľrhus 1993.

Palán, Z.: Lidské zdroje, výkladový slovník, Academia, Praha 2002.

Rogers, A.: Teaching Adults. Open university Press, Milton Keynes, 1986.

Examination methods:

Oral/written examination (part-time study program), writing essay max. 3–4 pages (full-time study program).

Requirements for examination:

Basic knowledge of main topics of the subject, writing of the essay (topic will be defined lately).

Registration for examination: Written application.

Course title:	Course No:	Semester:
Teaching English as a Foreign Language 1	CJP/DIAJ1	Summer
Course type:	Hours/Week:	Number of credits:
Seminars	2	2

Lecturer: Marta Šigutová

Status of the course in the study program:

The course is a part of the study program Primary Teacher Education and is provided by the Centre of Foreign Language Education.

Course description:

The course provides theoretical background to how children learn, with a special emphasis on acquiring and learning languages at an early age. Students will get experience in observing primary English classes in local schools. They are expected to analyze what they have learned and experienced in relation to the theoretical assumptions.

Aims and objectives:

The course aims to introduce students to the principles of foreign language education at an early age, with an insight into how education is organized in the Czech Republic and abroad.

Teaching methods: Lectures, observations, reflection tasks.

Literature: A list of literature will be provided at the beginning of the course.

Examination method: Teaching practice portfolio assessed.

Registration for examination: Written.

Course title:	Course No:	Semester:
Teaching English as a Foreign Language 2	CJP/DIAJ2	Winter
Course type: A	Hours/Week:	Number of credits:
Seminars	2	2

Lecturer: Marta Šigutová

Status of the course in the study program:

The course is a part of the study program Primary Teacher Education and is provided by the Centre of Foreign Language Education.

Course description:

The course provides theoretical background to developing communicative skills in foreign languages, with a special emphasis on acquiring and learning languages at an early age. Students will get experience in micro-teaching at primary English classes in local schools. They are expected to analyze what they have learned and experienced in relation to the theoretical assumptions.

Aims and objectives:

The course aims to develop students' knowledge regarding the principles of foreign language education at an early age, with an insight into how education is organized in the Czech Republic and abroad.

Teaching methods: lectures, observations, micro-teaching, reflection tasks.

Literature: A list of literature will be provided at the beginning of the course.

Examination method: Teaching practice portfolio assessed.

Registration for examination: Written.

Course title:	Course No:	Semester:
Developing communicative skills in English – A	CJP/ANGLA	Summer
Course type: B,C	Hours/Week:	Number of credits:
Workshops	2	2

Lecturer: Marta Šigutová

Status of the course in the study program:

The course is provided by the Centre of Foreign Language Education as an optional course for students at a (low)intermediate level of English (B1, B2 – according to the European Language Portfolio).

Course description:

The course is based on practical examples of professional presentations in English. Students get an opportunity to analyze the typical features of professional presentations. They also get experience in presenting topics based on their special fields of interest.

Aims and objectives:

The course aims to develop students' communicative competence with a special focus on oral presentation skills.

Teaching methods: Communication tasks, presentations.

Literature: A list of literature will be provided at the beginning of the course.

Examination method: Presentations assessed.

Registration for examination: Written.

Course title:	Course No:	Semester:
Chapters from British and American Literature	CJP/KAAL1	Winter
Course type:	Hours/Week:	Number of credits:
Seminars	2	2

Lecturer: Natálie Polhošová

Status of the course in the study program:

The course is a part of the study program Primary Teacher Education and is provided by the Centre for Foreign Language Education.

Course Description:

The course provides students with basic knowledge of literary theory and the most significant periods, genres and writers of British and American literature. Students will analyze and interpret texts based on enlarging their vocabulary. They will become familiar with presenting own critical ideas in English. Additional part of the seminar is children's literature.

Aims and objectives:

The main objective of the course is to gain knowledge of British and American literature in terms of students' analytical analyses.

Teaching method: Lectures.

Literature:

BOWLER, B. et.al. *Making Headway, Literature Upper-Intermediate*, 1993.

ELLIS, G., BREWSTER, J. *The Storytelling Handbook for Primary Teachers*. Penguin English, 1991.

The complete list of literature will be available at the beginning of the course.

Examination: Seminar paper, journals.

Registration for examination: Written.

Course title:	Course No:	Semester
English for Sport and Leisure-time Activities (Basic Course)	CJP/ICAZR	Summer
Course type:	Hours/Week:	Number of Credits:
Seminars	2	2

Lecturer: Natálie Polhošová

Status of the course in the study program:

The course is a part of the study program Recreology and is provided by the Centre for Foreign Language Education.

Course Description:

The course covers general and partly specific language, with emphasis on communication skills for everyday situations. Students will be offered a wide range of language activities focusing on grammar, conversation, listening and writing to unify their levels of English and prepare them for communication in various sport and leisure-time institutions.

Aims and objectives:

The course aims to enlarge students' language skills and provides them with situational English needed both in Czech and foreign background.

Teaching method: Oral and written communicative tasks.

Literature: The complete list of literature will be available at the beginning of the course.

Examination: Seminar paper.

Registration for examination: Written.

Course title:	Course No:	Semester:
English for Sport and Leisure-time Activities	CJP/ICASR	Winter
(Advanced Course)		
Course type:	Hours/Week:	Number of Credits:
Seminars	2	4

Lecturer: Natálie Polhošová

Status of the course in the study program:

The course is a part of the study program Recreology and is provided by the Centre for Foreign Language Education.

Course Description:

The advanced course covers specific language of recreology, with emphasis on communication skills used in the sphere of recreation related to students' future professional interests. Terminology, sport management, types of sports and leisure-time activities, diagnosis of clients' needs etc. are the main issues discussed in seminars. The course also includes basic facts about English speaking countries.

Aims and objectives:

The course provides students with specific language knowledge in the sphere of recreology.

Teaching method: Oral and written communicative tasks.

Literature:

Study materials and list of literature will be available at the beginning of the course.

Examination:

Oral exam based on specific conversational topics related to students' field of study.

Registration for examination: Written.

Course title:	Course No:	Semester:
Intercultural education in multicultural society	KOV/ENVMS	Summer
Course type:	Hours/Week	Number of credits:
Seminars	1/1	4

Lecturer (Academics): Jelena Petrucijová

Status of the course in the study program:

The course is a part of the study program Civic Education and is provided by the Department of Social Sciences.

Course description:

Personal identity is a starting point and a goal of education. Theoretical grounds of identity theory (individual, collective, inclusive, exclusive, etc.). Identity in multicultural and multilingual context. Ethnocentrism and cultural relativism as methodological approaches. Multicultural society and its types. Cultural changes and acculturation. Forms of cultural contacts.

Multicultural society as a context of educational approaches: intracultural, multicultural, intercultural. Tolerance and its forms. Tolerance as a form of social co-existence and dialogue as a form of social communication.

Aims and objectives of the course:

The course provides students with a basic knowledge of identity conceptions and their links with basic educational approaches in the context of multicultural society.

Teaching method: Seminars.

Teaching Aids & Literature:

A list of accessible literature and study materials will be available for students at the beginning of the course.

Examination method: Written test and project.

Registration for examination: Written.

Course title:	Course No:	Semester:
Foreign lexical borrowings in the Czech language	KCD/FLB	Summer
Course type:	Hours/Week:	Number of credits:
Lectures	1	2

Lecturer (Academics): PhDr. Diana Svobodová, Ph.D.

Status of the course in the study program:

The course is a part of the study program Culture as a Phenomenon and is provided by The Department of Czech Language and Literature with Didactics.

Course description:

Lecture, 12 hours/12 weeks.

Aims and objectives of the course:

Course provides students with basic knowledge of foreign lexical borrowings in the Czech vocabulary from the historical and semantic point of view, loanwords used in various types of terminology and discourse, formal adaptation of borrowings at various linguistic levels (orthographical, phonetic, morphological, syntactic) and changes of meaning during the process of adoption.

Teaching method: Lectures.

Teaching aids & Literature:

List of accessible literature and study materials will be available for students at the beginning of the course.

Examination method: Written test.

Registration for examination: Written

Course title:	Course No:	Semester:
Czech word-formation and vocabulary	KCD/WFV	Summer
Course type:	Hours/Week:	Number of credits:
Lectures	1	2

Lecturer (Academics): PhDr. Diana Svobodová, Ph.D.

Status of the course in the study program:

Course of the study program Culture as a Phenomenon and is provided by the Department of Czech Language and Literature with Didactics.

Course description: Lecture, 12 hours/12 weeks.

Aims and objectives of the course: Course provides students with basic knowledge of Czech vocabulary, orthographical and morphological rules, types of word-formation (prefixes, suffixes, combined formation), compounds and abbreviations, structure of the Czech vocabulary system, literary and colloquial expressions, professional and slang expressions, as well as the Czech phraseology.

Teaching method: Lectures.

Teaching aids & Literature:

List of accessible literature and study materials will be available for students at the beginning of the course.

Examination method: Written test.

Registration for examination: Written.

Course title:	Course No:	Semester:
Introduction to Sociology	KSV/IST	Winter
Course type:	Hours/Week:	Number of credits:
Lecture, Seminar	2	4

Lecturer: Mgr. Marcel Mečiar

Status of the course in the study program:

Introduction to Sociology proposes to introduce basic conceptual apparatus of branch, important authors both from the beginning of this science and present, and to interface their concepts with contemporary trends, process and problems of today's life.

Aims of course:

To accomplish of orientation of student at basic sociological concepts, to help him at evolution of sociological imagination and at understanding of results of sociological work (research and so on).

Teaching Methods: Lecture and seminar.

Presumptions: Ability to read and to interpret professional text at English language.

Literature:

ASHLEY, D.; D. M. ORENSTEIN [1985] 2001. *Sociological Theory. Classical Statements.* Boston: Allyn and Bacon.

MARTUCCELLI, D. 1999. *Sociologies de la modernité. L'itinéraire du XXe siècle.* Paris: Gallimard.

Method of testing: Written test.

Course title:	Course No:	Semester:
Song Arrangements 1	KHV/EVPRP	Winter
Course type:	Hours/Week:	Number of credits:
Lectures, Labs	2	4

Lecturer (Academics): Jiří Kusák

Status of the course in the study program:

The course is a part of the study program *Teaching for Primary Schools (Teaching of General Subjects for Primary School Level 2 – Musical Education)*.

Course description:

Folk art from the historical point of view. Comprehension of structure of folk songs from the different ethnographic regions. Orientation in the attributes of folk art (folk dances, folk tunes etc.). Musical analysis of folk songs from the harmonic, kinetic and semantic point of view. Arrangements of folk songs. Listening and identification of most important folk recordings.

Aims and objectives of the course:

The course provides students with a basic knowledge of aspects of folk art.

Teaching method: Lectures, practical musical activities.

Course title:	Course No:	Semester:
Study of Contemporary Scores 1	KHV/ESPAR	Winter
Course type:	Hours/Week:	Number of credits:
Labs	2	4

Lecturer (Academics): Jan Spisar

Status of the course in the study program:

The course is a part of the study program *Teaching for Secondary Schools (Teaching of General Subject for Secondary Schools – Choirmastership)* by the Department of Music Education.

Course description:

Contemporary composers, learning choral works in traditional and non-traditional notation, conducting gestures and problems.

Aims and objectives of the course:

The course provides a knowledge of contemporary choral works, increase conducting techniques.

Teaching method: Listening, conducting, singing, playing the piano.

Teaching aids & Literature: A list of a accessible literature and scores will be available for students at the beginning of the course.

Course close: Credit, conducting.

Course title:	Course No:	Semester:
Creative programming	LOGO	Summer
Course type:	Hours/Week:	Number of credits:
Exercises	2	4

Lecturer: Ingrid Nagyová

Status of the course in the study program:

This course is provided by the Department of Information and Communication Technologies.

Course description:

Sense of computer science teaching isn't only computer literacy. Sense is also synchronous development of creativity, aesthetic sense, ability to teaching etc. Imagine Logo is object-oriented programming language that make possibility new teaching methods: teaching through experiment, own work, discovery and designing knowledge.

Aims and objectives of the course:

The course provides students with a basic programming in Imagine Logo and with design and creation of graphic application.

Course program:

- The Imagine Logo environment – painting, creation of graphic objects;
- Turtles, movement and control of turtle;
- Animation, melody and sound;
- Design and creation of own projects.

Teaching method: Exercises.

Teaching aids: Provided by the lecturer during the course.

Literature:

BLAHO, A.–KALAŠ, I. *Imagine Logo. Primary workbook*. Cambridge: Logotron, 2004.

VARGA, M.–BLAHO, A.–ŽIBRITOVÁ, R. *Informatika pre stredné školy: Algoritmy s Logom*. Bratislava: SPN, 1999, ISBN 80-10-00534-7.

Examination method: Written test.

Requirements for examination: Solving the exercises for several lectures.

Registration for examination: Written.

Course title:	Course No:	Semester:
Educational Technologies 1	VTECI	Winter
Course type:	Hours/Week:	Number of credits:
Exercises	2	2

Lecturer: Jana Kapounová, Ingrid Nagyová, Aleš Oujezdský, Jiří Pavlíček

Status of the course in the study program:

The Department of Information and Communication Technologies provides this course for all types of study programs at the University of Ostrava.

Course description:

The technology includes multimedia and the Internet. Students will be able to design and develop multimedia objects for using in instruction. They manage to compose the multimedia objects into short instructional presentations delivered via personal computer and the Internet. Students also recognise the aim of the Computer Based Instruction programmes and possibilities of the Internet as an instructional means.

Aims and objectives of the course:

The goal of the subject is to teach students (as future teachers) in using educational technology.

Course program:

1. Theoretical fundamentals of instructional objects.
2. Instructional multimedia CD-ROM.
3. Internet as an instructional means.
4. Working with images in computer.
5. Scanning text and pictures, digital photographs.
6. Animations.
7. Music and sound.
8. MIDI.
9. Computer presentation.
10. Web presentation.
11. Summary.

Teaching method: Exercises.

Teaching aids: Provided by the lecturer during the course.

Literature:

- GRABE, M., GRABE, C. Integrating Technology for Meaningful Learning. U.S.A. New York: Houghton Mifflin Company, 2004.
 KAPOUNOVÁ, J., KOSTOLÁNYOVÁ, K., NAGYOVÁ, I: *Multimédia v práci učitele*. Ostrava: Ostravská univerzita, 2004.
 ROBLYER, M. D. Educational Technology in Action. U.S.A. Ohio: Merrill Prentice Hall, 2004.

Examination method: Final instructional presentation on a certain topic.

Requirements for examination:

Working certain (given) number pieces of assignment corresponding to each topic.

Registration for examination: Written.

Course title:	Course No:	Semester:
Educational Technologies 2	VTEC2	Summer
Course type:	Hours/Week:	Number of credits:
Exercises	2	2

Lecturer: Jana Kapounová, Ingrid Nagyová, Aleš Oujezdský, Jiří Pavlíček

Status of the course in the study program:

The Department of Information and Communication Technologies provides this course for all types of study programs at the University of Ostrava.

Course description:

Students can benefit from knowledge and skills gained in the preceding course. They use technology in their professional and private life. They prepare their projects by means of technology and present the results to their colleagues. Thus in the same time they practice their ability to perform public lecture.

Aims and objectives of the course:

The aim of the project is to teach students how to use information and how to work with them in creative way, especially in their lectures. Students will be able to search information, to evaluate and process them and exploit them effectively in their work as teachers and for their personal use.

Course program:

1. Thematic proposal of the project
2. Scenario
3. Project preparation – data collection and sorting
4. Project realisation: in PowerPoint – multimedia presentation before an audience and in FrontPage – multimedia presentation in web sites.

Teaching method: Exercises.

Teaching aids: Provided by the lecturer during the course.

Literature:

- GRABE, M., GRABE, C. Integrating Technology for Meaningful Learning. U.S.A. New York: Houghton Mifflin Company, 2004.
 KAPOUNOVÁ, J *Používání informačních a komunikačních technologií ve výuce*. Ostrava: Ostravská univerzita, 1999.
 KAPOUNOVÁ, J., PAVLÍČEK, J. Počítače ve výuce a učení. Ostrava: Ostravská univerzita, 2003.

Examination method:

Final instructional presentation on a certain topic.

Requirements for examination:

1. Introduction of chosen topic before an audience
2. Written scenario of presentation
3. Presentation of project in suitable software (eg. PowerPoint)
4. Project presentation before an audience
5. Presentation of project in web sites (eg. FrontPage)

Registration for examination: Written.

Course title:	Course No:	Semester:
Philosophy of education	KPD/FILVA	Winter
Course type:	Hours/Week:	Number of credits:
Lectures	1	2

Lectures (academics): Miriam Prokešová

Status of the course in the study program:

Aim of subject is to acquaint students with basic questions not only from topic philosophy of education (education as a care of soul) but also with philosophical view of questions concern a substance and a sence of world, being, life and comprehension of man position in framework of historical and contemporary context of society and its era. Main topics are: philosophy of education and its concept definition, conception of man from paradigms point of view (Mythos, Logos, Theos, Mechanos), contemporary world's conception (modern and postmodern), conception of child from philosophical point of view and questions about education for 21st century, position of man in nature's framework and space, in framework of society.

Realize contitions given by lecture for credit.

Course description:

Study matter outline

- 1) Philosophy, its subject and conception, main philosophical streams of thought from historical and contemporary point of view.
- 2) Postmodernism and modernism and their definition. R. Descartes, his influence and his minds for philosophy and development of science.
- 3) Contemporary world and its characterization from the philosophical point of view: "Prometheus fall", "global villiges", victims of God Moloch, circumambulation.
- 4) Paradigms and their influence and conception. Famous persons from history of philosophy and paradigms point of view.
- 5) Anthropological-philosophical conception of man (animal rationale, imago Dei, res cogitans and conception according to A. Gehlen, A. Kostler, M. Scheler, P. T. de Chardin, E. Coreth etc. Man as a imperfect being and as noble transcendation.
- 6) Dilemma of education – E. Fink. Dilemma of education in contemporary, postindustrial world.
- 7) Human triple – body, soul, spirit, their conception from the historical and contemporary point of view. Education as a care of soul.
- 8) Greek, Slavonic and hebraic conception of body a soul.
- 9) J. A. Komenský and his conception: man and world (scire, velle, posse).
- 10) Child, childhood and secret of myths and fairy tales, secret of spoken word. Jung's child conception.
- 11) Conception of child (human being as loving, as future memories and sadness etc.)

- 12) A taste to live: P. T. de Chardin – man typology based on taste to live (tired pesimistics, etc.)
- 13) Home, family, safe and certaninty. Some theories (Bowlby, Ainsworth) of satisfaction and dissatisfaction of basic human physical and psysical needs. Identity and individualism (Z. Matejcek, A. Maslow, C. G. Jung, E. Fromm, E. Erikson, etc.).
- 14) Child's needs according to J. Prekop.
- 15) Love and its conception, differences between these conception. Love, sympathy and education.

Teaching method: Lectures.

Examination method: Written test.

Registration for examination: Writen.

institute for artistic studies – music section



The Institute for Artistic Studies (Music Section) is an independent body at the University of Ostrava that engages in both artistic and educational activity. The main role of the Institute is to train students for professional musical careers in solo, chamber and orchestral performances, work in musical theatres, and teaching for all types of artistic schools.

The Institute also acts as a base for University concert performances and makes a vibrant contribution to musical life in the Czech Republic and abroad. Members of the teaching staff are involved in research in music teaching. They cooperate closely with primary schools and music colleges, and participate on the panels of national and international competitions.

The Institute also collaborates closely with Czech Radio, the National Moravian-Silesian Theatre, the Janáček Philharmonic Orchestra of Ostrava, and the Janáček Conservatory of Ostrava.

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The Institute for Artistic Studies of University of Ostrava teaches Master's degree on the following sections:

- Piano
- Strings /violin, viola, cello/
- Brass /flute, oboe, clarinet, bassoon/
- Singing /all voices/

INFORMATION SOURCES:

<http://www.osu.cz/>
<http://www.mmo.cz/>
<http://www.csvs.cz/socrates/default.htm>
<http://www.cuni.cz/erasmus/.cs>
<http://europa.eu.int./comm/education/erasmus.html>
<http://europa.eu.int./comm/education/socrates/ects.html>

Some Useful Websites

Czech Airlines
<http://www.csa.cz/en>

Trains and Buses
<http://www.idos.cz>

Public transport in Ostrava
<http://www.dpo.cz>

Ostrava – City Info
<http://www.ostravainfo.cz>

My Czech Republic / more than a destination guide
<http://www.myczechrepublic.com>

Travel Agencies:
 GTS International
www.gtsint.cz

Student Agency
www.studentagency.cz

The Office of International Relations wishes you a successful semester/year at University of Ostrava and a memorable time in Czech Republic.

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