



University of Hradec Králové



Course Catalogue 2018/2019

COURSES IN ENGLISH FOR EXCHANGE STUDENTS
UNIVERSITY OF HRADEC KRÁLOVÉ, CZECH REPUBLIC

Funded by the Erasmus+ programme of the European Union.

The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Exchange students from all our partner universities are invited to register for courses with instruction in the English language. Whether the student participates within the Erasmus+ program, or any other exchange program, he/she may opt for a vast selection of courses. The dynamic and youthful University of Hradec Králové – an institution founded in 1959 that has borne its present name since 2000 – has currently about 6000 students and provides high-quality tertiary education within a large scope of study fields that comprise social sciences, humanities, educational studies, natural sciences, economics and information technology.

Useful information

The university campus is situated conveniently in the town center within walking distance of other university buildings, the Educational and Scientific Library, and the old town.

Our university has a very well established Buddy System. The mission of the volunteering students at the ESN Buddy System HK is to help with the integration of Erasmus and other foreign students into the local environment. They will pick you up at the airport, invite you to an orientation week, and organize activities throughout the whole semester.

All exchange students are provided with accommodation at the university dormitory Palachova.

VISA (Non-EU citizens): Foreign citizens who are subject to visa requirement are obliged to apply for a visa prior to their entry into the Czech Republic at an authorized Czech embassy. A visa is not required for EU citizens. It takes at least two months to get a visa, so don't forget to apply on time!

Guidelines for selecting courses

The academic year is organized into two semesters. The winter semester usually starts the third week of September and ends in December (24 September to 21 December 2018); the summer semester begins in February and ends in May (11 February to 10 May 2019). Each semester is followed by a 6 week period of exams. Make sure you consult the course offer of the appropriate semester.

The university consists of four parts: the Faculty of Education, the Faculty of Informatics and Management, the Philosophical Faculty and the Faculty of Science. Make sure you check the course offer of the appropriate faculty that you will be applying for.

Incoming students choose courses from their receiving faculty. However, it is also possible to register for courses from other faculties. In that case courses that correspond to at least 75% of credits selected by the student have to be registered at the receiving faculty.



Co-funded by the
Erasmus+ Programme
of the European Union

Please note that the course offer provided in this catalogue is subject to change and the University of Hradec Králové reserves the right to modify it.

Do not hesitate to contact the international offices of the respective faculties for any information (see the contact list).

For course syllabi and detailed information about each course search at the website: stag.uhk.cz/portal/studium/prohlizeni.html (click courses in the main menu, then fill in the unit abbreviation - the first part of the course code - and the course abbreviation - the second part of the course code after the slash). You may also contact the international office of the faculty you apply to for further information.

Contacts

Name of the institution

University of Hradec Králové

Erasmus ID code

CZ HRADEC01

Address

Rokitanského 62
500 03 Hradec Králové
Czech Republic

 Website

www.uhk.cz

 Facebook

www.facebook.com/UniversityofHradecKralove

Faculty of Education

Petra Nosková

petra.noskova@uhk.cz

Faculty of Informatics and Management

Kristýna Jandová

kristyna.jandova@uhk.cz

Philosophical Faculty

Markéta Macháčová

ff.internationaloffice@uhk.cz

Faculty of Science

Pavla Holubová

pavla.holubova@uhk.cz



Winter Semester 2018/2019
24 September to 21 December 2018

Faculty of Education



Course title	Number of ECTS credits	Code
MODULE: ACTIVEDU BASE I.		
Comparative Pedagogy	4	KPP/ZCOPE
Education of children with special needs in practice	4	ÚPPE/ZEDCS
General Psychology: Key issues	5	KPP/ZGEPS
Quantitative Research Methodology	4	ÚPPE/ZQRME
Teaching Theory: Traditional and Alternative Approaches	5	KPP/ZTETH
MODULE: ACTIVEDU PRE/PRIMARY I.		
Practice in Kindergarten/Primary Schools	4	ÚPPE/ZPKPS
School and Family Relationship	4	ÚPPE/ZSAFR
MODULE: ACTIVEDU SECONDARY I.		
Prevention of Social Deviations and Educational Counselling	4	KSPSOC/ZPSDE
Teaching Practice in Lower and Upper Secondary Schools	4	SOPDF/ZTPLU
MODULE: CZECH LANGUAGE FOR FOREIGNERS I.		
Czech for foreigners.	4	KČJL/ZCFOR
MODULE: ENGLISH LANG AND CULTURE I.		
Chapters from Culture and Literature of English Speaking Countries	4	KAJL/ZCCL
English Speaking Countries 1	4	KAJL/ZARE1
Language Practice 1 (C1)	4	KAJL/ZACV1
Practical English 2 (B2)	4	KAJL/ZAAP2
Speaking Skills	4	KAJL/ZSPSK
Writing Skills	4	KAJL/ZWRSK
MODULE: FRENCH LANG AND CULTURE I.		
Conversation in French language	4	KFJL/ZCIFL
French language practice 1.	4	KFJL/ZFJS1
French Speaking Countries 1.	4	KFJL/ZFSC
MODULE: GENERAL FOREIGN LANGUAGE COURSES I.		
French language 1 (A1)	4	KFJL/ZFVS1
Russian Language 1 (A1/B1).	4	KFJL/ZRVS1
MODULE: GERMAN LANG AND CULTURE I.		
Contemporary German Language 1	4	KNJL/ZNSO1
Conversation in German Language 1	4	KNJL/ZNKV1
Culture and Literature of German Speaking Countries 1	4	KNJL/ZNKU1
Life and Institutions of German Speaking Countries 1.	4	KNJL/ZNRE1
MODULE: MUSIC ART I.		
Choir 1.	5	HUDK/ZKSB1
History of European and Czech Music	5	HUDK/ZHOWM
Improvisation 1.	6	HUDK/ZVKI1
Intonation 1.	5	HUDK/ZZIN1
Keyboard 1	4	HUDK/ZKKE1

Orchestra 1	5	HUDK/ZHOR1
Playing a Musical Instrument/Solo Singing (only for students majoring in music)	6	HUDK/ZPMIS
Playing the Piano 1	4	HUDK/ZKNA1
Singing Education 1	4	HUDK/ZKPV1

MODULE: PHYSICAL EDUCATION AND SPORTS I.

Didactics of PE.	5	KTVS/ZMTV
General Psychology: Key issues	5	ÚPPE/ZGEP5
Kinetics Games.	5	KTVS/ZKIGA
Rhythmic Gymnastics	5	KTVS/ZRYGY
Sport games	5	KTVS/ZSPGA
Swimming.	5	KTVS/ZSWIM

MODULE: RUSSIAN LANG AND CULTURE I.

Communicative methods in tourism	4	KRJL/ZCMIT
Russia in the 20th Century.	4	KSLA/ZRUXX
Russian for tourism	4	KRJL/ZRFT

MODULE: SOCIALEDU I.

Educational Counselling	4	KSPSOC/ZEDCO
Introduction into Adult Education	4	KSPSOC/ZIADE
Pathological Phenomena	4	KSPSOC/ZPAPH
Prevention of Social Deviations.	4	KSPSOC/ZPSOD
Social Education.	4	KSOCP/ZSOPE
Sociology	4	KSOCP/ZSOCI

MODULE: TEACHING AND SOCIAL COMPETENCE PRACTICE I.

Teaching and social competence practice I.. . . .	30	SOPDF/ZTSCP
---	----	-------------

MODULE: TRANSCULTURAL COMMUNICATION I.

Anthropology of Family and Kinship	4	KKNS/ZAFK
Phenomena of National and Ethnic Injustice in Modern History.	4	KKNS/ZPHEI

MODULE: VISUAL ART I.

Art Graphic-Multimedia 1.	5	KVKT/ZGAT1
Bobbin Lace Making 1.	5	KVKT/ZTPA1
Evening Drawing 1.	5	KVKT/ZVKR1
Principles of Painting-Textile 1	5	KVKT/ZTZM1

Faculty of Informatics and Management



Course title	Number of ECTS credits	Code
Algorithms and Data Structures	5	AALGD
Autonomous Systems.	5	AAUTS
Basics of Banking	4	ABNK
Basics of Finance	3	AZAFI
Complex Systems	5	AKOS
Computer Networks I	5	APSI1

Czech Language for Foreigners	3	CZL
Database Systems I	6	ADBS
Enterprise Informatics 2	6	APRI2
Fundamentals of Marketing	4	AMRKT
German Language	2	GL
Intercultural Business Communication in Global Environment.	3	IBCGE
International Trade	4	AMEZO
Introduction to Object Modelling.	5	AUOMO
Law II	4	APRV2
Logic Programming	5	ALP1
Logistics	3	ALOGI
Management Support Systems I	5	ASPM1
Managerial Accounting.	4	AMNGU
Managerial Methods	5	AMAME
Mathematics I	7	AZMA1
Microeconomics I	6	AMIE1
Microeconomics II	5	AMIE2
Operation Research II.	4	AMOV2
Particular Project	6	VP
Principles of Computers	5	APRIP
Principles of Management I	3	AZMN1
Probability and Statistics	6	APSTE
Professional English I	2	OA1
Professional English III	2	OA3
Programming II.	6	APRO2
Project Management	5	ARPRO
Psychology	4	APSY1
Sports	2	POHA
Statistical Models and Data	6	ASTMO
Theory of Systems I	3	ATES1

Philosophical Faculty



Course title	Number of ECTS credits	Code
A Short Course in Political Religions of the 20th Century.	3	HIU/AAPRE
Arabic Language 1.	3	CJP/ARB1
Central Europe during the Cold War	6	HIU/ECOLD
Central European Social Systems in Comparative Perspective I	6	HIU/ESYS1
Combatting Corruption	5	KP/COMCO
Conflict Resolution	6	KP/CONRE
Conversation in English.	3	CJP/COENG
Czech Language for Foreigners	6	CJP/CJ1
Czech Language for Foreigners II.. . . .	6	CJP/CJ2
Czechoslovak History in the Interwar Period	6	HIU/AAINT
Derechos humanos y democracia en América Latina.	6	KP/DERED
Dissent in Communist Central Europe	5	HIU/EDISS

Ecological Ethics	6	KFSV/FILEC
Erosion in Archaeology	4	KARCH/QERAR
Ethical Theories in Social Work	5	USP/PAETI
General Sociology	6	KSOC/AGENS
Historical and Political Development of Modern China	6	KP/HIPOD
History and political behavior in Mexico.	6	KP/HIPOP
Chinese Language 1	3	CJP/CIN1
Integration Processes and Politics in Central Europe	5	HIU/EINTE
International Conference Event in Social Work.	1	USP/PACON
Introduction to History of the Czech Lands from the Middle Ages to the 1st half of the 19th Century	6	KPVHA/IHCLM
Just War	6	KFSV/FJUST
Latin American Politics	6	KP/LATAP
Mediation.	3	USP/PAMED
Medieval European History	6	HIU/AAMEH
Migration: The refugee in sub-Saharan Africa	6	KP/MIRAF
Modern History of Central Europe 1781-1914	6	HIU/EMODE
Nationalism in the Central Europe	5	HIU/ENATI
Nonprofit Sector Law	3	USP/PANEZ
Philosophy and Natural Sciences	6	KFSV/KPHIN
Political System of the Czech Republic.	6	HIU/EPOCR
Political Systems of Central European Countries	6	HIU/EPOSY
Power sharing and Democratic Stability of Ghana's Fourth Republic	3	KP/PSDEG
Psychohygiene in Social Work	3	USP/PAPHY
Social Economy	5	USP/PASEK
Sociology of Religion	4	KSOC/ASORE
Specifics of African Political Systems	6	KP/SPAFS
The Communist Party of Czechoslovakia and the Communist Movement in the East (1945-1971)	6	HIU/AACOM
The Seal in the Culture and Society of the Middle Ages and Modern Age	6	KPVHA/PEK1
Theory of Welfare	5	USP/PATWS
US Foreign Policy	6	KP/USFOP
War in European History	6	HIU/AAWAR

Automation and Measurement 1	3	KFY/PAM1
Bachelor Thesis 1.	6	KCH/PBAP1
Biochemistry	4	KCH/PBCHE
Bioinorganic Chemistry.	3	KCH/PBIOA
Computer and experiment 1	4	KFY/PPE1
Computer graphics	5	KKY/PPCGR
Database Systems.	4	KKY/PDATS
Diploma Thesis 1.	5	KCH/PDIP1
Diploma Thesis 3.	8	KCH/PDIP3
Discrete Methods and Optimization	4	KKY/PDIMO
Entomology.	4	KBI/PENTM
Evolutionary biology	2	KBI/PEVOB
Financial Mathematics 1	4	KMA/PFIM1
Financial Mathematics 4	4	KMA/PFIM4
Food Toxicology	1	KCH/PTOXP
General and Inorganic Chemistry 1	5	KCH/POAE1
General Physics - Mechanics.	5	KFY/PZFM
Geometry 1	5	KMA/PGEO1
Geometry 3	4	KMA/PGEO3
Human biology.	3	KBI/PBICL
Instrumental techniques 2.	3	KFY/PPTE2
Mass Spectrometry	3	KCH/PHMSP
Mathematical analysis 1	4	KMA/PANL1
Mathematical analysis 3	4	KMA/PANL3
Microbiology	2	KCH/PMIKR
Molecular Modelling.	3	KCH/PMOM1
Multimedia Systems	4	KKY/PMULS
Organic Chemistry 2.	6	KCH/PORE2
Phylogeny and system of chordates	5	KBI/PFSST
Phylogeny and system of higher plants	5	KBI/PBFVR
Phylogeny and system of lower plants	4	KBI/PSYSO
Physical Chemistry 1.	4	KCH/PFCE1
Physiology of plants.	4	KBI/PFZRO
Practical instrumental techniques 2	2	KFY/PPPT2
Principles of Physics - Particles and Fields	4	KFY/PZFCP
Programming 2.	4	KKY/PPRO2
Programming, Computers 1.	4	KFY/PPP1
Programming, Computers 3	3	KFY/PPP3
QSAR	2	KCH/PQSAR
Stereochemistry.	2	KCH/PSTER
Systems of CAD 1	2	KFY/PSC1
Toxicology of Inorganic and Organic compounds.	2	KCH/PTAOE

Faculty of Science



Course title	Number of ECTS credits	Code
Advanced Biochemical Methods	3	KCH/PPBIM
Advanced Inorganic Chemistry	3	KCH/PPANO
Advanced Molecular Biology.	3	KCH/PPMBI
Advanced Organic Chemistry	2	KCH/PPORC
Algebra 1	7	KMA/PALG1
Algorithms and Data Structures	4	KKY/PALGD
Analytical Chemistry 1	4	KCH/PACE1
Anatomy and morphology of animals.	2	KBI/PAMZI

Summer Semester 2018/2019

11 February to 10 May 2019

Faculty of Education



Course title	Number of ECTS credits	Code
MODULE: ACTIVE DU BASE II.		
Contemporary social and cultural anthropology: Issues of multiculturalism and multiethnicity	4	KSPSOC/ZSCSA
Educational Psychology	4	KPP/ZEDPS
Effective Teaching Methods	4	ÚPPE/ZNEFD
ICT in Education	4	ÚPPE/ZMPIC
Qualitative Research Approach: Introduction into Ethnography.	4	KPP/ZQRAE
School Management and Educational Evaluation	4	ÚPPE/ZSMEE
MODULE: ACTIVE DU PRE/PRIMARY II.		
Contemporary social and cultural anthropology: Issues of multiculturalism and multiethnicity	4	KSPSOC/ZSCSA
Drama in Education	4	ÚPPE/ZZDRM
Practice in Kindergarten/Primary Schools	4	ÚPPE/ZPKPS
MODULE: ACTIVE DU SECONDARY II.		
Contemporary social and cultural anthropology: Issues of multiculturalism and multiethnicity	4	KSPSOC/ZSCSA
Pathological Phenomena and Behavioral Disorders	4	KSPSOC/ZSPAT
Teaching Practice in Lower and Upper Secondary Schools	4	SOPDF/ZTPLU
MODULE: CZECH LANGUAGE FOR FOREIGNERS II.		
Czech for foreigners.	4	KČJL/ZCFOR
MODULE: ENGLISH LANG AND CULTURE II.		
English Language and its Methodology	4	KAJL/ZALM
English Speaking Countries 2	4	KAJL/ZARE2
History and Literature of USA	4	KAJL/ZADK
Language Practice 2 (C1)	4	KAJL/ZACV2
Practical English 1 (B2)	4	KAJL/ZAAP1
MODULE: FRENCH LANG AND CULTURE II.		
French language practice 2	4	KFJL/ZFJS2
Life, culture and Institutions in France	4	KFJL/ZFRF
Listening-comprehension in French language	4	KFJL/ZFMU
MODULE: GENERAL FOREIGN LANGUAGE COURSES II.		
Basic latin.	4	KFJL/ZFLV
French language 2 (A1)	4	KFJL/ZFVS2
Russian Language 2 (A1/B1)	4	KFJL/ZRVS2
MODULE: GERMAN LANG AND CULTURE II.		
Contemporary German Language 2	4	KNJL/ZNSO2
Conversation in German Language 2	4	KNJL/ZNKV2
Culture and Literature of German Speaking Countries 2	4	KNJL/ZNKU2
Life and Institutions of German Speaking Countries 2	4	KNJL/ZNRE2

MODULE: MUSIC ART II.

Choir 2	4	HUDK/ZKSB2
History of European and Czech Music	4	HUDK/ZHOWM
Improvisation 2	6	HUDK/ZVKI2
Intonation 2	5	HUDK/ZZIN2
Keyboard 2	4	HUDK/ZKKE2
Orchestra 2	5	HUDK/ZHOR2
Playing a Musical Instrument/Solo Singing (only for students majoring in music)	6	HUDK/ZPMIS
Playing the Piano 2	4	HUDK/ZKNA2
Singing Education 2.	4	HUDK/ZKPV2

MODULE: PHYSICAL EDUCATION AND SPORTS II.

Athletics	5	KTVS/ZATL
Didactics of PE.	5	KTVS/ZMTV
Fitness	5	KTVS/ZKOGY
Life-saving Swimming	5	KTVS/ZKOZA
School Management and Educational Evaluation	4	ÚPPE/ZSMEE
Tourist-cycling camp	5	KTVS/ZZLET

MODULE: RUSSIAN LANG AND CULTURE II.

Russia in the 20th Century.	4	KRJL/ZRUXX
Russian Language for Tourism.	4	KRJL/ZRLFT
Selected Chapters from Russian Culture and Literature	4	KRJL/ZRUK

MODULE: SOCIALEDU II.

Contemporary social and cultural anthropology: Issues of multiculturalism and multiethnicity	4	KSPSOC/ZSCSA
Introduction to Behavioral Disorders.	4	KSPSOC/ZUETO
Observation practice in Social Organizations.	4	KSOCP/ZEXKU
Pathological Phenomena	4	KSPSOC/ZPAPH
Qualitative Research Approach: Introduction into Ethnography.	4	KPP/ZQRAE
Social Education.	4	KSOCP/ZSOPE
Sociology	4	KSOCP/ZSOCI

MODULE: TEACHING AND SOCIAL COMPETENCE PRACTICE II.

Teaching and social competence practice II.	30	SOPDF/ZTSCP
---	----	-------------

MODULE: TRANSCULTURAL COMMUNICATION II.

Comparison of Social and Political Systems	4	KKNS/ZTEK
Fundaments of Ethics.	4	KKNS/ZETI

MODULE: VISUAL ART II.

Art Graphic-Multimedia 2	5	KVKTT/ZGAT2
Bobbin Lace Making 2.	5	KVKTT/ZTPA2
Evening Drawing 2	5	KVKTT/ZVKR2
Principles of Painting-Textile 2	5	KVKTT/ZTZM2

Faculty of Informatics and Management



Course title	Number of ECTS credits	Code
Applied Information Technology	2	AAITE
Applied Statistics	6	AAPST
Business Economics.	5	ANOP
Business Ethics	2	AOPE
Computer Architecture	5	AARCH
Computer Networks II.	5	APSI2
Czech Language for Foreigners	3	CZL
Data Protection and Inform. Sec.	4	AOBDA
Database Systems II.	5	ADBS2
Enterprise Informatics	3	APRI1
German Language.	2	GL
International Economics	4	AMEKO
Introduction to Accounting	4	AZUCE
Introduction to Enterprise Informatics	3	AUPI
Introduction to Law	5	APRV1
Law III	4	APRV3
Macroeconomics I	6	AMAE1
Macroeconomics II.	5	AMAE2
Management Support Systems II	5	ASPM2
Marketing Research.	4	AMAVY
Mathematics II.	7	AZMA2
Methods of Operational Research I.	5	AMOV1
Object Modelling I.	5	AOMO1
Ontologies and Semantick Web.	5	AOSW
Operating Systems I.	5	AOSI1
Particular Project	6	VP
Principles of Management II.	5	AZMN2
Professional English II.	2	OA2
Professional English IV	2	OA4
Programming	6	APROM
Sales and Advertising.	5	ASELL
Sociology	4	ASOC
Sports	2	POHA
Systems Thinking for Managers.	4	ASYM
Technologies for Web Publishing	5	ARTPW1
Theory of Systems II.	5	ATES2

Philosophical Faculty



Course title	Number of ECTS credits	Code
Arabic Language 2.	3	CJP/ARB2

Buddhism and Contemporary Societies	5	KSOC/ABCS
Central Europe between two World Wars (1914-1945)	6	HIU/EWARS
Central European Cultural History	5	HIU/ECULT
Central European Social Systems in Comparative Perspective II.	6	HIU/ESYS2
Conversation in English.	3	CJP/COENG
Czech Language for Foreigners	6	CJP/CJ1
Czech Language for Foreigners II.	6	CJP/CJ2
Czech prehistory and archaeological heritage visible on the surface	4	KARCH/QCZPR
Dissent in Communist Central Europe	6	KP/DISEN
Economics Transformation of the Central Europe	6	HIU/ETRAN
Evaluation of Social Programmes	3	USP/PAEVS
Financing Political Competition.	6	KP/FIPOC
General Sociology	6	KSOC/AGENS
German Idealism and American Pragmatism	7	KFSV/FPRAG
History of Czechoslovakia after 1945.	6	HIU/AAEUR
Chinese Language 2.	3	CJP/CIN2
Information and communication technology	6	KPVHA/ICT
Institutions and Politics of EU.	5	KP/EUIP
Intellectual Life in the Czech Lands in 16th-19th Centuries.	6	KPVHA/HSEME
Just War	6	KFSV/FJUST
Management in Social Work	5	USP/PAMAN
Medieval Scandinavian History	6	HIU/AASCA
Methodological Aspects of Research in Central Europe	5	HIU/EMETH
Movimientos sociales en América Latina	6	KP/MSOLA
Non-state armed groups in Africa	6	KP/AGRAF
Philosophy of Social Science.	6	KFSV/FILSE
Political Corruption in Latin America	6	KP/POCLA
Political Geography of Central Europe	5	HIU/EPOGE
Pottery technology for the archaeologist	5	KARCH/QPOTE
Prague: a Historical City in Eastern Central Europe	6	HIU/EPRAG
Scandinavian Politics	6	KP/SCAPO
Social Work in International Context.	5	USP/SWINT
Sociology of Post-Socialism	6	KSOC/APOST
The Heritage of Antiquity and Christianity in Central-European Culture.	6	HIU/HERI
The History of the Book in the Czech Lands.	6	KPVHA/HBCL
The Hussite Bohemia in the European Context.	6	HIU/EHUS
The ideological struggle in Latin America during Cold war	5	KP/ISLAC
The Origins of Morality	6	KFSV/FORMO
United States from Revolution to the Civil War.	6	HIU/AAUSA
World Population Development	6	KSOC/APOPD
Writing a Scientific Paper	3	USP/PATOD

Advanced Bioorganic Chemistry	2	KCH/PBIAC
Algebra 2	6	KMA/PALG2
Algebra 3	4	KMA/PALG3
Analysis of Biological Samples	2	KCH/PABIV
Analytical Chemistry 2	6	KCH/PACE2
Anatomy and morphology of plants	5	KBI/PANMR
Applied Toxicology and Ecotoxicology	3	KCH/PATET
Automation and Measurement 2	2	KFY/PAM2
Bachelor Thesis 2	6	KCH/PBAP2
Basics of Toxicology and Pharmacology	2	KCH/PFART
Bioorganic Chemistry	4	KCH/PBICH
Computer and experiment 2.	4	KFY/PPE2
Computer architecture	4	KKY/PARP1
Diploma Thesis 2.	8	KCH/PDIP2
Diploma Thesis 4.	20	KCH/PDIP4
Ecology of animals.	4	KBI/PEKZV
Ecology of plants	4	KBI/PERST
Ecotoxicology	3	KCH/PEKTE
Financial Mathematics 2	4	KMA/PFIM2
Financial Mathematics 3	4	KMA/PFIM3
Fundamentals of Physics - Oscillations and Waves	5	KFY/PZFKV
General and Inorganic Chemistry 2	4	KCH/POAE2
General Physics - Heat	4	KFY/PZFT
Geology and geomorphology.	2	KBI/PGEGM
Geometry 2	4	KMA/PGEO2
Graphs and Graphs Algorithms	5	KKY/PGAGA
History of Computing Technology.	4	KKY/PDEVT
Human physiology.	3	KBI/PFYCL
Chromatographic methods.	3	KCH/PCHRM
Instrumental techniques 1	4	KFY/PPT1
Instrumental techniques 3	2	KFY/PPT3
Introduction into Molecular and Cellular Biology.	2	KCH/PZMBB
Mathematical analysis 2	5	KMA/PANL2
Mathematics for Physics 2	4	KFY/PMZF2
Modelling and Simulation	5	KKY/PMOSI
Molecular and Atomic Spectroscopy	3	KCH/PMASP
Molecular and cell biology	5	KBI/PMOBB
Organic Chemistry 1.	4	KCH/POR1
Organic chemistry and biochemistry	5	KBI/POCHB
Phylogeny and system of invertebrates	5	KBI/PFYSB
Physical Chemistry 2	6	KCH/PFCE2
Physiology of animals.	5	KBI/PFYZZ
Practical instrumental techniques 3	1	KFY/PPPT3
Programming 1.	4	KKY/PPRO1
Programming 3.	4	KKY/PPRO3
Programming, Computers 2	3	KFY/PRP2
Systems of CAD 2	3	KFY/PSC2
Toxicology of Natural Toxins.	2	KCH/PTOTE
Web Technologies	4	KKY/PWBTC

Faculty of Science



Course title	Number of ECTS credits	Code
Additional Mathematics 2	2	KFY/PDM2

www.uhk.cz

