



Course Catalogue 2022/2023

COURSES IN ENGLISH (AND OTHER LANGUAGES)
FOR EXCHANGE STUDENTS



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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 born its present name since 2000 – has currently about 6500 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 Erasmus Student Network HK. The mission of the volunteering students at the Erasmus Student Network 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 Halls of Residence 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!

Other fees: Valid comprehensive health insurance. Fees for copying and scanning (like for Czech students).

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 (19th September to 18th December 2022); the summer semester begins in February and ends in May (6th February to 7th May 2023). 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.

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).



Scan the QR code for course syllabi and detailed information about each course. Most faculties offer courses for all degrees of study. The Faculty of Science has courses divided. You may also contact the international office of the faculty you apply to for further information.

[stag.uhk.cz/portal/
studium/prohlizeni.html](http://stag.uhk.cz/portal/studium/prohlizeni.html)

Contacts

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Erasmus ID code	CZ_HRADEC01
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Faculty of Science	Pavla Holubová pavla.holubova@uhk.cz



Winter Semester 2022/2023

19th September to 18th December 2022



Faculty of Education



Course title	Number of ECTS credits	Code
CULTURE STUDIES I.		
Anthropology of Ritual	4	KKNS/PANRY
Culture and Nature - Anthropology of Mutual Dependency	4	KKNS/PCUNA
Ethical Bases of Transcultural Communication 3 (Bioethics)	4	KKNS/AEV3
Ethnic Minorities in CZ and EU	3	KKNS/AETNA
General History	3	KKNS/AOBDE
Phenomenon of National and Ethnic Injustice in Modern History	4	KKNS/ZPHEI
Theory of Culture: Anthropology of Settlement Systems	4	KKNS/ATEK5
CZECH LANGUAGE FOR FOREIGNERS I.		
Czech for Foreigners.	4	KČJL/ZCFOR
EDUCATION AND TEACHING ORIENTATION I.		
Philosophy of Education	2	KPP/AFIVY
Teaching Theory: Traditional and Alternative Approaches	4	KPP/ZTETH
ENGLISH LANG AND CULTURE I.		
Chapters from Culture and Literature of English Speaking Countries	2	KAJL/BADK1
English Speaking Countries 3	3	KAJL/BARE3
Language Practice 3 (C1)*.	2	KAJL/BACV3
Practical English (C1)*.	2	KAJL/NZPAJ
Practical English II. (B2)*	4	KAJL/PAAP2
Writing Skills in English.	2	KAJL/BAPIP
* only one course of the practical courses in this module can be enrolled		
FRENCH LANG AND CULTURE I. (in French language only)		
Expression écrite 1/Writing Skills in French Language 1	1	KFJL/BPIS1
French Speaking Countries and Conversation in French 1.	1	KFJL/BKON1
Géographie et culture de la France 1/French Geography and Culture 1.	2	KFJL/BGEO1
Multimedia Seminar in French 1.	2	KFJL/BMUS1
GERMAN LANG AND CULTURE I. (in German language only)		
Deutsche Literatur 2/German Literature 2	1	KNJL/NSNL2
Deutsche Sprache der Gegenwart 1/Contemporary German Language and Culture 1.	4	KNJL/BNSJ1
Deutsche Sprache der Gegenwart 3/Contemporary German Language and Culture 3	3	KNJL/BNSJ3
Deutsche Sprache und Landeskunde 5/Contemporary German Language and Culture 5.	2	KNJL/BNSJ5
Historische Entwicklung der deutschen Sprache/History of German Language	2	KNJL/NSHIS
Konversation in der deutschen Sprache 1/Conversation in German Language 1	3	KNJL/PNKV1
Landeskunde der deutschsprachigen Länder 1/Life and Institutions of German Speaking Countries 1 (Germany)	3	KNJL/BNRE1
Landeskunde Österreich/Life and Institutions of German Speaking Countries 3 (Austria)	3	KNJL/BNRE3
Morphologie der deutschen Sprache der Gegenwart/Morphology of Contemporary German Language.	4	KNJL/NSNMO
Phonetik der deutschen Sprache 1/German Phonetics.	3	KNJL/BNFN1

MUSIC ART I.

Choir 1	2	HUDK/PKSB1
Gods, Myths and Heroes in Classic Music Artworks	2	KKNS/ABOMY
History of European Music	5	HUDK/ZHOEM
Improvisation 1 (piano)	1	HUDK/PVKI1
Intonation 1	2	HUDK/PKIN1
Introduction to Music Anthropology	2	KKNS/AUHUA
Orchestra 1	3	HUDK/PHOR1
Playing a Musical Instrument/Solo Singing	6	HUDK/ZPMIS (only for students majoring in music)
Playing the Piano 1 (minor)	1	HUDK/BKNA1
Singing Education 1	1	HUDK/BKPV1

PHYSICAL EDUCATION AND SPORTS I.

Dance and Movement Composition	1	KTVS/PTANE
Movement/Motoric Games	1	KTVS/BPOHR
Sport Games 1 (Handball and Floorball)	2	KTVS/BSPH1
Sport Games 3 (Volleyball)	2	KTVS/BSPH3

PSYCHOLOGY AND RESEARCH METHODOLOGY I.

Basics of Qualitative Research 2	4	KKNS/PBQR2
General Psychology: Key issues**	5	KPP/ZGEPS
Health Psychology	3	ÚSS/ZHEPS
Psychological Diagnostics**	4	KPP/ZPSDI
Quantitative Methodology: Making Research	4	ÚPPSP/ZQMMR
Quantitative Methodology: The Elements and Examples	4	ÚPPSP/ZQRME

**only one course of the psychological courses in this module can be enrolled

RUSSIAN LANG AND CULTURE I. (only in Russian language)

Чешско-русские отношения/Contemporary Norm of Russian Language	1	KRJL/NORMA
Современный русский язык/Contemporary Russian Language	2	KRJL/NSORU
Современный русский язык 5/Contemporary Russian Language 5	2	KRJL/BSOR5
Чешско-русские отношения/Czech-Russian Relations	2	KRJL/BCERU
Язык как средство социального взаимодействия/ Language as a Means of Social Interaction	2	KRJL/NJASI
Русская литература 20 века 1/Modern Russian Literature 1	2	KRJL/BMDR1
Русская культура и литература в контексте цифровых технологий/ Russian Culture and Literature in the Context of Digital Media	2	KRJL/BRDIG
Русский фильм 1/Russian film 1	2	KRJL/NFIL1
Русский фильм 1/Russian film 1	2	KRJL/BFIL1
Семинар по русскому языку 1/Russian Language Seminar 1	2	KRJL/NSEM1
Синтаксис русского языка/Russian Syntax	3	KRJL/NSYRU
Синтаксис русского языка 2/Russian Syntax 2	2	KRJL/BSYR2
Избранные главы русского модернизма и авангарда 1/ Selected Chapters from Russian Moderne and Avantgarde 1	2	KRJL/NRUM1
Семинар по русской литературе 2/Seminar in Russian Literature 2	2	KRJL/NSLI2

SOCIAL EDUCATION, SOCIAL ORIENTATION I.

Contemporary Social and Cultural Anthropology: Issues of Multiculturalism and Multiethnicity	4	ÚSS/ZCSCA
Demography	4	ÚSS/ADEMO
Introduction into Sociology	2	KKNS/AUDOS

SPECIAL EDUCATION NEEDS I.

Education of Children with Special Needs in Practice	4	ÚPPSP/ZEDCS
The Specific Learning Difficulties***	4	ÚPPSP/ZSLDI

*** online course

TEACHING AND SOCIAL COMPETENCE PRACTICE I.

Practice in Kindergarten/Primary School	4	ÚPPSP/ZPKPS
Teaching and Social Competence Practice I	30	SOPDF/ZTSCP
Teaching Practice in Lower and Upper Secondary Schools	4	SOPDF/ZTPLU

TECHNICAL SUBJECTS FOR TEACHERS I.

The use of 3D printing in the construction of prototypes and the development of student creativity	3	KTP/ZUPIC
Trends in Modern Technology	1	KTP/NZTMT

VISUAL ART I.

Art studio 4-intermedia	4	KVKTT/BGAT4
Bobbin Lace Production 1	2	KVKTT/BPAL1
Evening Drawing 1	2	KVKTT/BVKR1
Painting 1	2	KVKTT/PGMA1
Technology of Painting 1	3	KVKTT/BZAM1



Course title	Number of ECTS credits	Code
Algorithms and Data Structures	5	KIKM/AALGD
Applied Statistics	6	KIKM/AAPST
Autonomous Systems	5	KIT/AAUTS
Basics of Banking	4	KE/ABNK
Basics of International Accounting	4	KE/AZMU
Business Economics II	4	KE/ANOP2
Business English I	2	KAL/AOBA1
Complex Systems	5	KIT/AKOS
Computer Networks I	5	KIT/APSI1
Corporate Communication	3	KAL/CORPC
Czech Language for Foreigners	3	KAL/CZL
Database Systems I	6	KIKM/ADBS
English in Practice	2	KAL/KOA
Enterprise Informatics II	6	KIT/APRI2
Marketing	4	KM/AMRKT
German Language	2	KAL/GL
International Trade	4	KE/AMEZO
Introduction to Object Modelling	5	KIT/AUOMO
Law II	4	KM/APRV2
Logistics	4	KM/ALOGI
Systems for Management Support I	5	KIT/ASPM1
Managerial Accounting	4	KE/AMNGU
Managerial Methods	5	KM/AMAME
Marketing Research	4	KM/AMAVY
Mathematics I	7	KIKM/AZMA1
Microeconomics I	6	KE/AMIE1
Microeconomics II	5	KE/AMIE2
Methods of Operational Research II	4	KIKM/AMOV2
Object Modelling I	5	KIT/AOM01
Particular Project	6	SOFIM/VP
Principles of Computers	5	KIT/APRIP
Management I	3	KM/AZMN1
Probability and Statistics	6	KIKM/APSTE
Professional English I	2	KAL/OA1
Professional English III	2	KAL/OA3
Programming II	6	KIKM/APRO2
Project Management	5	KIT/ARPRO
Psychology I	4	KM/APSY1
Public Sector Economy	4	KE/AEVES
Sports	2	KRKR/POHA
Technologies for WEB Publishing I	5	KIT/ATPW1
Technology and Knowledge Transfer	3	KIT/ATZT
Theory of Systems II	5	KIT/ATES2



Course title	Number of ECTS credits	Code
20th Century World History	5	KP/WH2PA
Arabic Language 1	3	CJP/ARB1
Central European History 1781-1918	7	HIU/ECEH1
Central European Politics	6	HIU/ECEPO
Central European Social Systems in Comparative Perspective	5	HIU/ESYST
Combatting Corruption	5	KP/CC2PB
Concepts of Central Europe	5	HIU/ECOCE
Conceptualization of Totalitarian Regimes	4	KSOC/ECTR
Conversation in English	3	CJP/COENG
Czech for International Students I	6	CJP/CJ1
Czech for International Students II	6	CJP/CJ2
Discourse Theory in Social Work	3	USP/PADIS
English for humanities and social sciences	4	CJP/EHSS
Ethical Theories in Social Work	5	USP/PAETI
Film Seminar	3	KP/FILSE
French for International Students 1	4	CJP/IFJ1
History of Central European Political Thought	6	HIU/AACEP
International Relations	8	KP/IR2PA
Introduction to Anthropology	6	KP/IA4PA
Introduction to Archaeometallurgy	5	ARCH/QJKIA
Introduction to History of the Czech Lands from the Middle Ages to the 1st half of the 19th Century	6	KPVHA/IHCLM
Introduction to Political Science	7	KP/IP2PA
Labour Relations and Discrimination	4	KSOC/ELRD
Latin American Politics	5	KP/LP2PB
Medieval European History	6	HIU/AAMEH
Models of Democracy	7	KP/MD2PA
Modern Political Thought	8	KP/MT2PA
Nonprofit Sector Law	3	USP/PANEZ
Philosophy and Natural Sciences	6	KFSV/KPHIN
Philosophy of Social Science	6	KFSV/FILSE
Political Activism	5	KP/PA2PB
Political Systems of Central and East Europe	6	KP/PSCEE
Political Geography of Central Europe	5	HIU/EPOGC
Pottery Technology for the Archaeologist	5	ARCH/QPOTA
Social Economy	5	USP/PASEK
Society and Belonging in Africa	5	KP/SOBA
Sociology of Religion	4	KSOC/ASORE
Theories and History of European Integration	4	KP/THEI
Theory of Welfare State	5	USP/PATWS
Urban Sociology in Theory and Practice	4	KSOC/URBSO
World Politics	6	KP/WOP

Faculty of Science



Course title

Number of ECTS credits

Course title	Number of ECTS credits	Degree	Code
BIOLOGY			
Animal Anatomy and Morphology	3	B	KBI/BAMZI
Basic Ethology	3	B	KBI/BZAET
Basic Toxicology and Ecotoxicology	4	B	KBI/BZTOE
Biogeography	3	B	KBI/BBIOG
Biological Methods	3	B	KBI/BBITE
Cell Biology	5	B	KBI/BZABB
Dendrology	3	B	KBI/BDEND
Evolutionary Biology	3	B	KBI/BEVBI
Geology	4	B	KBI/BZAGE
General Ecology	4	B	KBI/BOBEK
Human Anatomy	4	B	KBI/BANCL
Legislation in Nature Conservation	3	B	KBI/BLEZP
Microbiology	4	B	KBI/BMIBI
Molecular Biology	3	B	KBI/BMOBI
Phylogeny of Algae and Fungi	5	B	KBI/BFSSO
Phylogeny of Vascular Plants	5	B	KBI/BFSVR
Phylogeny of Vertebrates	5	B	KBI/BFSST
Plant Physiology	5	B	KBI/BFYRO
Plants in Human Use	3	B	KBI/BUZRO
Principles of Geoinformatics	4	B	KBI/BUVGE
Principles of Terraristics	3	B	KBI/BZTER
Seminar of Biology 1	2	B	KBI/BBIS1
Animal Ecophysiology	6	M	KBI/NEKFZ
Biological Monitoring	4	M	KBI/NBIOM
Biology of Ants	3	M	KBI/NBIMR
Biology of Freshwater Invertebrates	3	M	KBI/NBIVB
Conservation of Nature and Landscape 2	5	M	KBI/NOPK2
Ecotoxicology	4	M	KBI/NEKTO
Entomology	6	M	KBI/NENTO
Genomics and proteomics	3	M	KCH/NGEPR
Landscape Ecology	5	M	KBI/NEKKR
Mammaliology	3	M	KBI/NMAMA
Methods of Molecular Biology	3	M	KBI/NMEMB
Mycology	3	M	KBI/NMYKO
Nanotechnology	3	M	KBI/NNANO
Ornithology	3	M	KBI/NORNI
Parasitology	3	M	KBI/NPARA
Physiology of Plant Nutrition	4	M	KBI/NFYVR
Practical Dendrology	3	M	KBI/NPRDE
Seminar of Biology 1	3	M	KBI/NBIS1
Special Field Practice of Botany	3	M	KBI/NSBTC

Special Microbiology	6	M	KBI/NSPMI
Vegetation of Selected Ecosystems of Europe	6	M	KBI/NWEE
Water and Wetland Plants	4	M	KBI/NVMRO
Zoological Methods	3	M	KBI/NMEZP

CHEMISTRY

Analytical Chemistry 1	4	B	KCH/BANA1
Bachelor Thesis 1 in Chemistry	6	B	KCH/BBAP1
Chemical databases	2	B	KCH/BCHDA
General and Inorganic Chemistry 1	4	B	KCH/BOAN1
Fundamentals in Medicinal Chemistry	4	B	KCH/BFACH
Fundamentals in Molecular Modelling	2	B	KCH/BMOMO
Fundamentals in Toxicology and Pharmacology	2	B	KCH/BTOFA
History of Chemistry	2	B	KCH/BHICH
Laboratory Practice in Analytical Chemistry 1	3	B	KCH/BLAN1
Laboratory Practice in Instrumental Methods	2	B	KCH/BLINS
Laboratory Practice in Organic Chemistry 2	3	B	KCH/BLOR2
Laboratory Practice in Physical Chemistry	2	B	KCH/BLFCH
Laboratory Practice in Structural Study of Organic Compounds	2	B	KCH/BLSOS
Laboratory Technique	3	B	KCH/BLABT
Methods for Structural Study of Organic Compounds	2	B	KCH/BMSOS
Occupational Safety in Chemistry	2	B	KCH/BBEPR
Organic Chemistry 2	6	B	KCH/BORG2
Physical Chemistry	3	B	KCH/BFVCH
Practice in Fundamentals of Molecular Modelling	2	B	KCH/BCMOM
Technology and Environmental Protection	3	B	KCH/BTOZP
Toxicology and Analysis of Food	2	B	KCH/BTOAP
Toxicology of Inorganic and Organic Compounds	3	B	KCH/BTAOS
Toxicology and Analysis of Food	2	B	KCH/BTOAP
Advanced Biochemical Methods	3	B	KCH/NPBCH
Advanced Inorganic Chemistry	3	M	KCH/NPANC
Advanced Medicinal Chemistry	4	M	KCH/NPFAC
Advanced Molecular Biology	3	M	KCH/NPMOB
Advanced Molecular Modelling	3	M	KCH/NPMOM
Advanced Organic Chemistry	4	M	KCH/NPORG
Applied Toxicology and Ecotoxicology	3	M	KCH/NAPTE
Diploma Thesis 1 in Chemistry	3	M	KCH/NDIP1
Diploma Thesis 3 in Chemistry	5	M	KCH/NDIP3
Electromigration Methods	2	M	KCH/NELME
Heterocyclic Chemistry	2	M	KCH/NCHHE
Laboratory Practice in Advanced Biochemical Methods	2	M	KCH/NLBCH
Laboratory Practice in Advanced Molecular Modelling	2	M	KCH/NCMOM
Laboratory Practice in Advanced Molecular Biology	2	M	KCH/NLMOB
Laboratory Practice in Advanced Organic Chemistry	2	M	KCH/NLORG
Laboratory Practice in NMR	2	M	KCH/NLNMR
Laboratory Practice in Preparation of Synthetic Drugs	2	M	KCH/NLPSY
Laboratory Practice in Sampling and Sample Preparation	2	M	KCH/NLOPV
Mass Spectroscopy	3	M	KCH/NHMSP

Military and Agrochemical Toxicology	2	M	KCH/NTOVA
Pathobiochemistry	2	M	KCH/NPATB
Preparation of Synthetic Drugs	3	M	KCH/NPSYL
QSAR	2	M	KCH/NQSAR
Sampling and Sample Preparation	2	M	KCH/NOPVZ
Toxicology of Nanoparticles	2	M	KCH/NTONA
Toxicology of Natural and Bioactive Compounds	3	M	KCH/NTPBS

INFORMATICS

Structured programming	3	B	KKY/BSTPR
Algorithms and data structures	4	B	KKY/BALGD
Computer graphics	5	B	KKY/BPOGR
Cyber Security	3	B	KKY/BKYBE
Database systems	4	B	KKY/BDASY
Multimedia Systems	4	B	KKY/BMUSY
Programming, computers 1	4	B	KFY/BPP1
Programming, computers 3	4	B	KFY/BPP3
Discrete Methods and Optimization	4	M	KKY/NDIMO
Programming of Robot Kits	2	M	KKY/NPRRS
3D print	3	M	KKY/NV3DT
Web application programming	3	M	KKY/NPRAWA
Multimedia and Int. Devices in Teaching	2	M	KKY/NMMIZ
Mobile applications development	3	M	KKY/NVYMA

MATHEMATICS

Algebra 1	6	B	KMA/BALG1
Fundamentals of Numerical Mathematics	3	B	KMA/BZNUM
Geometry 1	4	B	KMA/BGE01
Geometry 3	3	B	KMA/BGE03
Introduction to Mathematics	2	B	KMA/BUSTM
Introduction to Topology	2	B	KMA/BZTOP
Mathematical Analysis 1	5	B	KMA/BANL1
Mathematical Analysis 3	3	B	KMA/BANL3
Mathematical Software	1	B	KMA/BMASW
Applied Statistics	3	M	KMA/NASTA
Didactics of Mathematics 1	2	M	KMA/NDMA1
Didactics of Mathematics 3	4	M	KMA/NDMA3
Financial Mathematics	2	M	KMA/NFINM
Fundamentals of Difference Equations	2	M	KMA/NDIFR
Fundamentals of Probability	2	M	KMA/NPRAV
Graph Theory	3	M	KMA/NTEOG
History of Mathematics	2	M	KMA/NDEJM
Introduction to Algebraic Topology	2	M	KMA/NUATO
Introduction to Theory of Differential Equations	5	M	KMA/NUTDR
Mathematical Analysis-Selected Chapters	2	M	KMA/NVKAN
Matrix Algebra	2	M	KMA/NMATA

PHYSICS

Automation and Measurement	3	B	KFY/BAM
Basics of Measuring Instruments	2	B	KFY/BZMER
General Physics - Mechanics	5	B	KFY/BZFM
History of Physical Measurements	3	B	KFY/BHM
Instrumental Techniques 2	3	B	KFY/BPTE2
Measurement of Physical Quantities	3	B	KFY/BMFV
Physical Laboratory 2	4	B	KFY/BFP2
Physical Laboratory 4	3	B	KFY/BFP4
Practical Instrumental Techniques 2	2	B	KFY/BPPT2
Principles of Electronics	4	B	KFY/BZE
Principles of Physics - Electricity 2	6	B	KFY/BZFE2
Principles of Physics - Particles and Fields	4	B	KFY/BZFCP
Systems of CAD 2	2	B	KFY/BSC2
Astrophysics and Geophysics	3	M	KFY/NASTR
Biophysics and Systems of Imaging in Biomedicine 1	2	M	KFY/NBZS1
Condensed Matter Physics 1	5	M	KFY/NFPK
Experiments in Modern Physics	3	M	KFY/NEMF
Fundamental Experiments and Historical Measurements	3	M	KFY/NFEHM
Laboratory Measurements and Modelling 1	3	M	KFY/NLMM1
Modelling and Simulation 1	4	M	KFY/NMS1
Modelling and Simulation 3	2	M	KFY/NMS3
Physical Principles of Technology 1	3	M	KFY/NFZT
Theoretical Mechanics 1	6	M	KFY/NTM
Theory of Relativity	3	M	KFY/NTR

Note for courses of Faculty of Science: B = courses only for Bachelor degree; M = courses only for Master degree.

Summer Semester 2022/2023

6th February to 7th May 2023



Faculty of Education

Course title	Number of ECTS credits	Code
CULTURE STUDIES II.		
Anthropologic Significance of Clothing	2	KKNS/AODIV
Fate of Man in the Film and Literature of the 20th Century	3	KKNS/AUDEC
Modern History	3	KKNS/ADEMO
NGO Management and Public Governance	2	KKNS/AMNEO
Theory of Culture 2: Anthropology of Family and Kinship		KKNS/ATEK2
CZECH LANGUAGE FOR FOREIGNERS II.		
Czech for Foreigners.	4	KČJL/ZCFOR
Introduction to Cognitive Linguistics and to Linguistics Interpretations of the World	1	KČJL/NSICL
EDUCATION AND TEACHING ORIENTATION II.		
Drama in Education	4	ÚPPSP/ZZDRM
Effective Teaching Methods	4	ÚPPSP/ZNEFD
School Management and Educational Evaluation	4	ÚPPSP/ZSMEC
Teaching Theory: Traditional and Alternative Approaches	4	KPP/ZTETH
Transcultural Education and Global Development Education	2	KKNS/AGLOV
ENGLISH LANG AND CULTURE II.		
Chapters from Culture and Literature of English-Speaking Countries 4 (USA)	3	KAJL/BADK4
English for Primary School Teachers 2 (B1)*	2	KAJL/PZAJ2
English for Primary School Teachers 4 (B1)*	2	KAJL/PZAJ4
English Speaking Countries 4	3	KAJL/BARE4
Language Practice 4 (C1)*	2	KAJL/BACV4
Practical English I. (B2)*	3	KAJL/PAAP1
Speaking Skills in English.	1	KAJL/BARED
* only one course of the practical courses in this module can be enrolled		
FRENCH LANG AND CULTURE II. (in French language only)		
Expression écrite 2/Writing Skills in French Language 2	1	KFJL/BPIS2
French Speaking Countries and Conversation in French 2.	1	KFJL/BKON2
Géographie et culture de la France 2/French Geography and Culture 2	3	KFJL/BGEO2
Multimedia Seminar in French 2	2	KFJL/BMUS2
GERMAN LANG AND CULTURE II. (in German language only)		
Deutsche Literatur 1/German Literature 1	2	KNJL/NSNL1
Deutsche Literatur 3/German Literature 3	1	KNJL/NSNL3
Deutsche Sprache der Gegenwart und Landeskunde 2/ Contemporary German Language and Culture 2	5	KNJL/BNSJ2
Deutsche Sprache der Gegenwart und Landeskunde 4/ Contemporary German Language and Culture 4	3	KNJL/BNSJ4
Deutsche Sprache der Gegenwart und Landeskunde 6/ Contemporary German Language and Culture 6	3	KNJL/BNSJ6

Literatur für Kinder und Jugendliche/Children's and Youth Literature	2	KNJL/ZNDL1	Россия в 20 веке/Russia in the 20th Century	2	KRJL/ZRUXX
Konversation in der deutschen Sprache 2/Conversation in German Language 2	2	KNJL/BNKO2	Русский фильм 2/Russian Film 2	2	KRJL/NFIL2
Landeskunde der deutschsprachigen Länder 2/Life and Institutions of German Speaking Countries 2	3	KNJL/BNRE2	Русский фильм 2/Russian Film 2	2	KRJL/BFIL2
Landeskunde Schweiz/Life and Institutions of German Speaking Countries 4-Switzerland	3	KNJL/BNRE4	Семинар по русскому языку 2/Russian Language Seminar 2	1	KRJL/NSEM2
Literaturseminar 3/Literary Seminar 3	1	KNJL/NSNL2	Стилистика русского языка/Russian Stylistics	2	KRJL/NSTYL
Phonetik der deutschen Sprache 2/Exercises in German Phonetics 2	1	KNJL/BNFN2	Синтаксис русского языка 1/Russian Syntax 1	2	KRJL/BSYR1
MUSIC ART II.			Синтаксис русского языка 3/Russian Syntax 3	2	KRJL/BSYR3
Choir 2	2	HUDK/PKS2	Избранные главы русского модернизма и авангарда 2/Selected Chapters from Russian Moderne and Avantgarde 2	2	KRJL/NRUM2
History of Czech Republic	5	HUDK/ZHOCM	Семинар по русской литературе 1/Seminar in Russian Literature 1	2	KRJL/NSLI1
Improvisation 2 (piano)	2	HUDK/PVKI2			
Intonation 2	2	HUDK/PKIN2			
Orchestra 2	3	HUDK/PHOR2			
Playing a Musical Instrument/Solo Singing	6	HUDK/ZPMIS			
(only for students majoring in music)					
Playing the Piano 2 (minor)	4	HUDK/PKNA2			
Singing Education 2	4	HUDK/BKPV2			
PHYSICAL EDUCATION AND SPORTS II.					
Atypical sports games (for primary education)	1	KTVS/PSPHM			
Atypical sports games (for secondary education)	2	KTVS/PATYP			
Fitness Gymnastics (Fitness training for men or women)	1	KTVS/PKOGY			
Physical Education Theory and Practice	2	KTVS/NSTHP			
Psychomotorics	2	KTVS/BPSYM			
PSYCHOLOGY AND RESEARCH METHODOLOGY II.					
Educational Psychology**	4	KPP/ZEDPS			
Key Psychological Aspects of Working with Clients	3	ÚSS/ZKPAW			
Psychopathology for Teachers**	4	KPP/ZPSTE			
Quantitative Methodology: Making Research	4	ÚPPSP/ZQMMR			
Quantitative Methodology: The Elements and Examples	4	ÚPPSP/ZQRME			
** only one course of the psychological courses in this module can be enrolled					
RUSSIAN LANG AND CULTURE II. (in Russian language only)					
Русский нонконформизм/Chapters in Russian Non-Conformism	2	KRJL/BRNON			
Современная русская литература/Contemporary Russian Literature	2	KRJL/NSOUL			
Современная русская литература/Contemporary Russian Literature	2	KRJL/BSOUL			
Современный русский язык 6/Contemporary Russian Language 6	2	KRJL/BSOR6			
Дидактические технологии в обучении русскому языку/Didactic Technology in Teaching Russian	1	KRJL/NDITE			
Общее языкознание/General Linguistics	1	KRJL/NOJAZ			
История русского языка/Historical Development of Russian	1	KRJL/NVYVO			
Русская литература 20 века 2/Modern Russian Literature 2	2	KRJL/BMDR2			
SOCIAL EDUCATION, SOCIAL ORIENTATION II.					
Demography	4	ÚSS/ADEMO			
Pathological Phenomena and Prevention	4	ÚSS/ZPAPH			
Pedagogy of Leisure Time	3	ÚSS/APEVC			
Risk Behaviour of Youth: Theory and Prevention	4	ÚSS/ZRBYT			
SPECIAL EDUCATION NEEDS II.					
Speech and Language Disorders	4	ÚPPSP/ZSPLD			
The Specific Learning Difficulties	4	ÚPPSP/ZSLDI			
TEACHING AND SOCIAL COMPETENCE PRACTICE II.					
Observation Practice in Social Organizations	4	ÚSS/ZEXKU			
Practice in Kindergarten/Primary School	4	ÚPPSP/ZPKPS			
Teaching and Social Competence Practice I	30	SOPDF/ZTSCP			
Teaching Practice in Lower and Upper Secondary Schools	4	SOPDF/ZTPLU			
TECHNICAL SUBJECTS FOR TEACHERS II.					
Creation of computer models to support the teaching of technical subjects	3	KTP/ZCCMS			
VISUAL ART II.					
Art studio 2-Graphic Art	4	KVKTT/BGAT2			
Bobbin Lace Production 2	2	KVKTT/BPAL2			
Evening Drawing 2	2	KVKTT/BVKR2			
Painting 2	4	KVKTT/PGMA2			
Technology of Painting 2	3	KVKTT/BZAM2			



Course title	Number of ECTS credits	Code
Applied Information Technology	2	KIT/AITE
Business English II	2	KAL/AOBA2
Business Ethics	2	KAL/AOPE
Computer Architecture	5	KIT/AARCH
Computer Networks II	5	KIT/APSI2
Controlling	4	KE/ACONT
Czech Language for Foreigners	3	KAL/CZL
Data Protection and Inform. Security	4	KIT/AOBDA
Database Systems II	5	KIKM/ADBS2
English in Practice	2	KAL/KOA
Enterprise Informatics I	3	KIT/APRI1
German Language	2	KAL/GL
Human Resource Management	5	KM/APERI
International Economics	4	KE/AMEKO
Introduction to Accounting	4	KE/AZUCE
Introduction to Enterprise Informatics	3	KIT/AUPI
Introduction to Law	5	KM/APRV1
Law III	4	KM/APRV3
Logic Programming I	5	KIKM/ALP1
Macroeconomics I	6	KE/AMAE1
Macroeconomics II	5	KE/AMAE2
Systems for Management Support II	5	KIT/ASPM2
Mathematics II	7	KIKM/AZMA2
Methods of Operational Research I	5	KIKM/AMOV1
Ontologies and Semantic Web	5	KIT/AOSW
Operation Systems I	5	KIT/AOS1I
Particular Project	6	SOFIM/VP
Management II	5	KM/AZMN2
Professional English II	2	KAL/OA2
Professional English IV	2	KAL/OA4
Programming	6	KIKM/APROM
Sales and Advertising	5	KM/ASELL
Sociology and Managerial Psychology	4	KM/ASOC
Sports	2	KRCR/POHA
Statistical Models and Data	6	KIKM/ASTMO
Systems Thinking for Managers	4	KIT/ASYM
Theory of Systems I	3	KIT/ATES1



Course title	Number of ECTS credits	Code
20th Century Czech History	5	KP/CH2PA
Arabic Language 2	3	CJP/ARB2
Buddhism and Modern Societies	5	KSOC/ABCS
Central European Cultural History	5	HIU/ECULH
Central European History since 1918	7	HIU/ECEH2
Conceptualization of Totalitarian Regimes	4	KSOC/ECTR
Conversation in English	3	CJP/COENG
Czech for International Students I	6	CJP/CJ1
Czech for International Students II	6	CJP/CJ2
Demographic Issues in Contemporary Society	3	USP/PSDMG
Economic Transformation of the Central Europe	5	HIU/ETOCE
English for humanities and social sciences	4	CJP/EHSS
Experimental Archaeology	5	ARCH/QEXAR
Financing Political Competition	6	KP/FP2PB
French for international students 2	4	CJP/IFJ2
History of Eastern Christianity	6	HIU/AAHEC
History of Political Thought	8	KP/HP2PA
Institutions and Politics of EU	5	KP/EUIP
Integration Processes and Politics in Central Europe	5	HIU/EINPP
John Rawls and Theory of Welfare State	3	USP/PARAW
Just War	6	KFSV/FJUST
Language, Culture and Politics	6	KP/LP4PA
Management in Social Work	5	USP/PAMAN
Mediation	3	USP/PAMED
Methodological Aspects of Research in Central Europe	5	HIU/EMETH
Nationalism in the Central Europe	5	HIU/ENATC
Political Ideologies and Central Europe	6	HIU/EPOLI
Political Parties and Elections	7	KP/PP2PA
Political Science Methodology	7	KP/PM2PA
Political System of the Czech Republic	5	HIU/EPSCR
Post-Classical Archaeology 5th-8th Centuries	5	ARCH/QPGPC
Reflections on Totalitarianism	6	KFSV/REFTO
Social Movements in Latin America	5	KP/SL2PB
Sociology of Peace, Conflict and Justice	4	KSOC/SOPEA
Sociology of Religion	4	KSOC/ASORE
The Church, Culture and Art	8	KPVHA/ZTCCA
The Heritage of Antiquity and Christianity in Central-European Culture	6	HIU/EHERI
The Role of Women in Resistance to Totalitarian and Post-Totalitarian Regimes in East and Central Europe	4	KSOC/ERWR
Theory of Public Policy	3	USP/PATEV



Course title	Number of ECTS credits	Degree	Code
BIOLOGY			
Agroecology	4	B	KBI/BAGRO
Animal Ecology	4	B	KBI/BEKZI
Biophysics	3	B	KBI/BBIOF
Comparative Animal Physiology	5	B	KBI/BSRFZ
Conservation of Nature and Landscape 1	3	B	KBI/BOPK1
Genetics	4	B	KBI/BGENE
Ecology of Cyanobacteria and Algae	3	B	KBI/BEKSR
Field Excursions of Botany	3	B	KBI/BBOTC
Field Excursions of Geology	2	B	KBI/BGETC
Field Excursions of Zoology	3	B	KBI/BZCVT
Hydrobiology	4	B	KBI/BHYDR
Pedology	4	B	KBI/BPEDO
Phylogeny of Invertebrates	5	B	KBI/BFSBE
Physical Geography	4	B	KBI/BFYGE
Plant Anatomy and Morphology	5	B	KBI/BAMRO
Plant Ecology	5	B	KBI/BEKRO
Seminar of Biology 2	2	B	KBI/BBIS2
Waste Management	3	B	KBI/BODHO
Biology of Terrestrial Invertebrates	3	M	KBI/NBITB
Biotechnology	4	M	KBI/NBIOT
Biotopes of the Czech Republic	6	M	KBI/NBICR
Bryology and Lichenology	3	M	KBI/NBRLI
Changes of Landscape and Climate	3	M	KBI/NZKAK
Czech Vertebrates	6	M	KBI/NOBCR
Developmental Biology	3	M	KBI/NDEBI
Ethology	3	M	KBI/NETOL
Food Safety	3	M	KBI/NBEP0
Forest Ecology	4	M	KBI/NEKLE
Genomics and Proteomics	5	M	KBI/NGEPR
GMO	4	M	KBI/NGEMO
Landscape Planning	3	M	KBI/NUPKU
Malacology	3	M	KBI/NMALA
Natural Toxins	3	M	KBI/NPRT0
Phytogeography	4	M	KBI/NFYGE
Plant Biotechnology	5	M	KBI/NROBI
Plant Ecophysiology	6	M	KBI/NEKFR
Practices from Animal Morphology	3	M	KBI/NCVMZ
Restoration Ecology	5	M	KBI/NEKOB
Seminar of Biology 2	3	M	KBI/NBIS2

CHEMISTRY

Analytical Chemistry 2	4	B	KCH/BANA2
Bachelor Thesis 2 in Chemistry	12	B	KCH/BBAP2
Biochemistry	4	B	KCH/BBICH
Bioorganic Chemistry	4	B	KCH/BBIOR
Chemical and Biological Terrorism	2	B	KCH/BCHBT
Chemical Software	2	B	KCH/BCHSO
General and Inorganic Chemistry 2	4	B	KCH/BOAN2
Laboratory Practice in Analytical Chemistry 2	3	B	KCH/BLAN2
Laboratory Practice in Biochemistry	2	B	KCH/BLBCH
Laboratory Practice in Bioorganic Chemistry	3	B	KCH/BLBIO
Laboratory Practice in Inorganic Chemistry	2	B	KCH/BLANC
Laboratory Practice in Organic Chemistry 1	3	B	KCH/BLOR1
Laboratory Practice in Separations Methods	2	B	KCH/BLSEM
Organic Chemistry 1	3	B	KCH/BORG1
Reaction Mechanisms in Organic Chemistry	3	B	KCH/BREME
Toxicology of Plant and Animal Toxins	3	B	KCH/BTRZJ
Advanced Bioorganic Chemistry	4	M	KCH/NPBIO
Analysis of Biological Samples	2	M	KCH/NABIV
Bioinorganic chemistry	3	M	KCH/NBIAN
Chromatographic Methods	3	M	KCH/NCHR
Diploma Thesis 2 in Chemistry	5	M	KCH/NDIP2
Diploma Thesis 4 in Chemistry	10	M	KCH/NDIP4
Ecotoxicological Bioassays	2	M	KCH/NEKOT
Laboratory Practice in Advanced Bioorganic Chemistry	2	M	KCH/NLBIO
Laboratory Practice in Chromatographic Methods	2	M	KCH/NLCHR
Laboratory Practice in Molecular and Atomic Spectrometry	2	M	KCH/NLMAS
Molecular and Atomic Spectrometry	3	M	KCH/NMASP
Stereochemistry	3	M	KCH/NSTER

INFORMATICS

Advanced Procedures in MS Office	2	B	KCH/BPFOF
Computer architecture 1	4	B	KKY/BARPI
Programming and Education	4	B	KKY/BPRUC
Development of dynamic website	2	B	KCH/BDYWE
Fundamentals in Algorithmizing and Programming	3	B	KCH/BALPR
Object-oriented programming	4	B	KKY/BOOPR
Web technology	4	B	KKY/BWEDA
Programming, computers 2	3	B	KFY/BPP2
Programming, computers 4	5	B	KFY/BPP4
History of Computing Technology	4	M	KKY/NDEVT
Modeling and simulation	5	M	KKY/NMOSI
Programmable electronics	3	M	KKY/NPREL
Python Programming Language	4	M	KKY/NPJPy
Desktop publishing	3	M	KKY/NVDTP

MATHEMATICS

Algebra 2	5	B	KMA/BALG2
Algebra 3	4	B	KMA/BALG3

Discrete Mathematics	2	B	KMA/BZAKO
Fundamentals of Probability and Statistics	2	B	KMA/BKKPS
Geometry 2	4	B	KMA/BGEO2
Geometry 4	3	B	KMA/BGEO4
Introduction to Didactics of Mathematics	4	B	KMA/BUDIM
Mathematical Analysis 2	4	B	KMA/BANL2
Typography of Mathematics Texts	2	B	KMA/BSTEX
Didactics of Mathematics 2	2	M	KMA/NDMA2
Educational Software	2	M	KMA/NDISW
Introduction to Algebraic Geometry	2	M	KMA/NUAGE
Introduction to Generating Functions	2	M	KMA/NVYTF
Introduction to Measure Theory	2	M	KMA/NTEOM
Introduction to Theory of Functions of Complex Variable	2	M	KMA/NUTKF
Introduction to Theory of Metric Spaces	2	M	KMA/NUMPR
Methods of Solving Mathematical Problems 2	2	M	KMA/NMER2
Selected Topics in Algebra	2	M	KMA/NUTEC
Set Theory	2	M	KMA/NTMNO
Solid Geometry Modelling	2	M	KMA/NTMOD

PHYSICS

Bachelor Thesis in Physics	15	B	KFY/BKP
Fundamentals of Physics - Oscillations and Waves	5	B	KFY/BZFKV
General Physics - Heat	4	B	KFY/BZFT
Instrumental Techniques 1	4	B	KFY/BPTE1
Instrumental Techniques 3	2	B	KFY/BPTE3
Physical Laboratory 1	3	B	KFY/BFP1
Physical Laboratory 3	4	B	KFY/BFP3
Physical Laboratory 5	3	B	KFY/BFP5
Practical Instrumental Techniques 3	1	B	KFY/BPPT3
Principles of Physics - Electricity 1	3	B	KFY/BZFE1
Systems of CAD 1	3	B	KFY/BSCI
Principles of Physics - Electricity 1	3	B	KFY/BZFE1
Systems of CAD 1	3	B	KFY/BSCI
Biophysics and Imaging Systems in Biomedicine 2	2	M	KFY/NBZS2
Diploma Thesis in Physics	15	M	KFY/NDP
Laboratory Measurements and Modelling 2	3	M	KFY/NLMM2
Modelling and Simulation 2	3	M	KFY/NMS2
Quantum Physics	5	M	KFY/NKF
Theory of Electromagnetic Field	4	M	KFY/NTEP

Notes

Note for courses of Faculty of Science: B = courses only for Bachelor degree; M = courses only for Master degree.



The Erasmus Student Network (ESN) is the biggest non-profit voluntary student association in Europe. The network is constantly developing and expanding and ESN Hradec Králové (ESN HK) is a part of it! After choosing our university for your exchange, chances are you will hear about us. But who are we? And what do we do?

Well, we're all students just like you. And we do a variety of things, including (online) event organization, advocacy towards institutions, HR development, and helping international students mobilities be more meaningful and unforgettable. At the UHK, ESN HK also organizes pickups from the airport in the beginning of each semester.

If you are interested in participating in our events, getting in touch with local students, or you are in need from a pickup in the beginning of the semester, don't forget to register at: <https://esnhk.broaddy.com/> Text us if you have any questions: we're on IG (@esn_hk).



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