



Study Abroad Course List 2018/2019

1. Architecture	2. Civil Engineering BSc	3. Electrical Engineering BSc
4. Structural Engineering BSc	5. Computer Science Engineering BSc	6. Computer Science Engineering MSc
7. Business Administration BA	8. Applied Management MSc	9. Enterprise Development and Entrepreneurship MSc
10. Tourism and Catering BSc	11. Psychology BA	12. International Relations BA
13. International Relations MA	14. English and American Studies BA	15. English Studies MA
16. Social Work BA	17. Pharmacy (Pharm.D.)	18. Nursing BSc
19. Midwifery BSc	20. Physiotherapy BSc	21. General Courses for all Majors in Health Sciences
22. Classical Music Performance BA/MA	23. Sculpture (single cycle MA)	24. Ceramic Design MA
25. Painting (single cycle MA)	26. Biology BSc	27. Chemistry BSc
28. Geography BSc	29. Earth Sciences BSc	30. Mathematics BSc
31. Computer Science BSc	32. Physics BSc	33. Physical Training BSc
34. Legal Issues in an International Context	35. Physical Education Training BSc	

1. Architecture (BSc+MSc)

Course Title	Semester	Credits (ECTS)
Digital Architecture 1.	Fall	2
Descriptive Geometry 1.	Fall	4
Mathematics B/1.	Fall	5
Statics	Fall	5
Architecture I.	Fall	2
Architecture 1. MA	Fall	2
Architecture 2. MA	Fall	2



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Art History 1.	Fall	2
Art History 3.	Fall	2
Lectures on History of Architecture 1.	Fall	3
Theory of Architecture	Fall	3
Architectural Drawing 1. MSc	Fall	2
Architectural Drawing 3. MSc	Fall	2
Architectural Drawing 1.	Fall	3
Architectural Drawing 3.	Fall	3
Architectural Drawing 4.	Fall	3
Architectural Graphics	Fall	2
Building Constructions 2.	Fall	7
Building Constructions 4.	Fall	7
Design Studio 2.	Fall	5
Building Design 4.	Fall	5
Building Services Engineering	Fall	2
Construction Management 2.	Fall	2
Construction Materials	Fall	3
Construction Technology 2.	Fall	2
Building Physics 1. – Heating and Humidity Technologies	Fall	2
Foundation	Fall	2
Load-Bearing Structures 2. – Steel Structures	Fall	2
Timber Structures	Fall	2
Urban Studies 1.	Fall	2
Building Constructions 6.	Fall	4
Building Design 6.	Fall	6
Complex Design	Fall	8
Design Methods 1.	Fall	2
Design Methods 3.	Fall	2
Design of Building Structures 2.	Fall	4
Design of Interior Spaces	Fall	3
Ecology in Architecture Basics	Fall	3
Landscape and Garden Design 2.	Fall	2
Preservation of Built Heritage 2.	Fall	2
Preservation of Built Heritage 3.	Fall	2
Town- and Spatial Planning	Fall	2
Architecture of Pécs	Fall / Spring	4
Digital Architecture 2.	Spring	2
Descriptive Geometry 2.	Spring	4
Mathematics B/2.	Spring	4
Art History 2.	Spring	2
Lectures on Art History	Spring	3
Lectures on History of Architecture 1.	Spring	3
Architectural Drawing 2 MSc.	Spring	2
Architectural Drawing 2.	Spring	3
Building Constructions 1.	Spring	7
Building Constructions 3.	Spring	7
Building Constructions 5.	Spring	7



Design Studio 1	Spring	5
Design Studio 3	Spring	5
Building Design 5.	Spring	5
Complex accessibility	Spring	3
Construction Management 1	Spring	2
Construction Management 3	Spring	2
Construction Technology 1.	Spring	2
Construction Technology in Practice	Spring	2
Building Physics 2. – Ventilation and Lighting	Spring	2
Geodesy 1.	Spring	4
Load-Bearing Structures 1. – Reinforced Concrete	Spring	2
Building Design 7.	Spring	7
Design 1.	Spring	3
Design Methods 2.	Spring	2
Design of Building Structures 1.	Spring	4
Furniture Design and History	Spring	2
Landscape and Garden Design 1.	Spring	2
Preservation of Built Heritage I.	Spring	2
Urban Studies 2.	Spring	2

2. Civil Engineering BSc

Course Title	Semester	Credits (ECTS)
Technical drawing 1.	Fall	4
Technical drawing 3.	Fall	3
Mathematics 1.	Fall	5
Mathematics 3.	Fall	5
Mechanics 1. (Statics)	Fall	6
Construction management 2	Fall	3
Construction management 3	Fall	5
Enterprise Management	Fall	2
Geographic Information Systems 1.	Fall	2
Basics of Structural Design	Fall	3
Building Constructions 1.	Fall	4
Geodesy 1.	Fall	4
Geology	Fall	3
Geotechnics (Earth Structures)	Fall	3
Hidrology	Fall	4
Reinforced Concrete Structures 1	Fall	4
Steel Structures 1.	Fall	4
Computer Aided Structural Design 1	Fall	2



Engineering Timber Structures	Fall	4
Reinforced Concrete Structures 3	Fall	6
Steel Structures 3	Fall	6
Steel-Concrete Composite Structures	Fall	3
Strengthening of Structures	Fall	3
Technical drawing 2.	Spring	2
Construction Materials 1	Spring	4
Mathematics 2.	Spring	3
Project Management 1.	Spring	2
Geographic Information Systems 2	Spring	2
Construction Materials 2	Spring	4
Geodesy 2	Spring	2
Geotechnics (Foundations)	Spring	4
Reinforced Concrete Structures 2	Spring	5
Steel Structures 2.	Spring	5
Timber, Masonry and Stone Structures	Spring	4
Water Resources Management	Spring	4
Bridge Construction	Spring	3
Building Constructions 2	Spring	4
Computer Aided Structural Design 2	Spring	2
Underground Structures	Spring	4

3. Electrical Engineering BSc

Course Title	Semester	Credits (ECTS)
Electrical Materials	Fall	4
Mathematics a/1	Fall	5
Mathematics a/3	Fall	5
Computer Science 1.	Fall	3
Electrical Engineering 1.	Fall	5
Electrical Engineering 2.	Fall	5
Electromagnetic Fields	Fall	5
Technical Physics 1.	Fall	4
Technical Physics 2.	Fall	4
Computer Programming 1.	Fall	3
Digital Logic Design 1.	Fall	4
Electronics 2.	Fall	4
Electrical Power Engineering 1.	Fall	4



Communication Engineering	Fall	4
Measurement Technology 1.	Fall	4
Mathematics a/2	Spring	5
Computer Science 2.	Spring	4
Electric Power Conversion 1.	Spring	4
Computer Programming 2.	Spring	3
Digital Logic Design 2.	Spring	4
Computer Networks 1.	Spring	5
Electronics 1.	Spring	4
Electronics 3.	Spring	3
Measurement Technology 2.	Spring	4
Control Engineering 1.	Spring	4
Control Engineering 2.	Spring	4

4. Structural Engineering MSc

Course Title	Semester	Credits (ECTS)
Mathematics	Fall	4
Numerical Methods for Civil Engineering	Fall	3
Structurs 1.	Fall	4
Structurs 2.	Fall	2
Construction Materials	Fall	2
Interaction Between Soil and Structure	Fall	2
Seismic Design	Fall	3
Building Physics	Spring	2
Geotechnical Design	Spring	4
Structural Optimization	Spring	2
Stability of Structures	Spring	3
Case Studies in Geotechnics	Spring	2
Numerical Methods in Geotechnics	Spring	4
Prestressed Technologies	Spring	2

5. Computer Science Engineering BSc

Course Title	Semester	Credits (ECTS)
Algorithm Design	Fall	3
Mathematics 1.	Fall	5
Foundations of Electrical Signals of Hardware	Fall	4
Introduction to Computing Science	Fall	5
Applied Mathematics 2.	Fall	5
Computer Architecture I.	Fall	5
Computer Networks II.	Fall	5



Control Engineering	Fall	5
Databases 1.	Fall	5
Digital Logic Design	Fall	4
Integrated Systems	Fall	3
Intelligent Systems I.	Fall	4
Foundation of Informatics	Fall	3
Measurement and Data Acquisition	Fall	5
Programming I.	Fall	2
Programming III.	Fall	5
Software Technology	Fall	5
Visual and Programming I.	Fall	4
Digital Control	Fall	5
Programmable Logic Control	Fall	5
Robot Technology I.	Fall	4
Mathematics 2.	Spring	5
Applied mathematics 1	Spring	5
Modelling of Transport Processes	Spring	4
System Theory 1	Spring	4
Computer Architecture II.	Spring	4
Databases II.	Spring	4
Electronics	Spring	3
Foundations of Information Security	Spring	3
Intelligent Systems II.	Spring	5
Operating Systems	Spring	5
Programming II.	Spring	4
Image Processing	Spring	5
Robot Technology II.	Spring	5

6. Computer Science Engineering MSc

Course Title	Semester	Credits (ECTS)
Advanced Image Processing	Fall	4
Computer Vision Systems	Fall	4
Intelligent Control Systems	Fall	4
Project work	Fall	4
Information Theory	Fall	4
Artificial Intelligence 1.	Fall	3
Artificial Intelligence 2.	Fall	3
Parallel Technologies 1.	Fall	4
Parallel Technologies 2.	Fall	4
Quantum Informatics, Cryptography	Spring	5



Signals and Systems	Spring	5
Parallel Algorithms and Programming	Spring	4
Robotic Systems	Spring	4

7. Business Administration BA

Year I.

Course Title	Semester	Credits (ECTS)
Quantitative Methods	Fall	7,5
Microeconomics	Fall	7,5
Information Systems	Fall	7,5
Introduction to Social Sciences	Fall	7,5
Probability and Statistics	Spring	7,5
Macroeconomics	Spring	7,5
EU/Business Law	Spring	7,5
Introduction to Accounting	Spring	7,5

Year II.

Course Title	Semester	Credits (ECTS)
Business Statistics	Fall	7,5
Organisational Behaviour	Fall	7,5
International Business	Fall	7,5
Banking and Finance	Fall	7,5
Foundation Marketing	Spring	7,5
Human Resources Management	Spring	7,5
International Economics	Spring	7,5



8. Applied Management MSc

Year I.

Course Title	Semester	Credits (ECTS)
Business Intelligence	Spring	7,5
Applied Statistics and Economics	Spring	7,5
Applied Venture Evaluation	Spring	7,5
Advanced Organizational Behaviour		
Strategic Human Resource Management	Fall	7,5
Economics	Fall	7,5
Production and Process Management	Fall	7,5
Intercultural Business Communication	Spring	7,5
Project Management	Spring	7,5

Year II.

Course Title	Semester	Credits (ECTS)
Global Marketing	Spring	7,5
Business Consulting	Fall	7,5
Quality management	Fall	7,5
Change Management	Fall	7,5
Leadership and International Management	Spring	7,5
Strategic Management	Fall	7,5
Knowledge Management	Fall	7,5

9. Enterprise Development and Entrepreneurship MSc

Course Title	Semester	Credits (ECTS)
Applied Statistics and Econometrics	Spring	7,5
Innovation and Innovation Management	Spring	7,5
Entrepreneurship and BMG	Spring	7,5
Corporate Entrepreneurship		
Regional Economics and Development	Spring	7,5
Entrepreneurial Finance	Spring	7,5
Project Management	Spring	7,5
Intercultural Business Communication	Spring	7,5
Production and Process Management	Fall	7,5
Advanced Marketing Research		



10. Psychology BA

Course Title	Semester	Credits
Affective Psychology lecture + seminar	Fall	3+2
Applied Fields of Psychology	Fall	3
Biological Basic Knowledge	Fall	3
Cognitive Psychology II. lecture + seminar	Fall	2+3
Cognitive Social Psychology lecture + seminar	Fall	2+2
Evolutionary Psychology I.	Fall	3
Group and Organization	Fall	3
History of Philosophy	Fall	2
Introduction to Psychology	Fall	3
Learning, Communication, Socialization	Fall	3
Library Informatics and Basic Statistics I.	Fall	3
Manager Psychology	Fall	3
Mathematic Statistics	Fall	3
Methodology	Fall	3
Personality Psychology II.	Fall	3
Social Psychology: Culture and Socialization	Fall	4
Behavioural Analysis I.	Spring	4
Behavioural Analysis II.	Spring	4
Cognitive Psychology I. lecture + seminar	Spring	2+3
Dynamic Approaches to Psychological Development lecture+	Spring	2+2
Evolutionary Psychology II. lecture + seminar	Spring	2+2
Human Genetics	Spring	3
Introduction to Health Psychology	Spring	3
Library Informatics and Basic Statistics II.	Spring	3
Personality Psychology I.	Spring	3
Psychometry	Spring	4
Psychophysiology	Spring	3
Social Development lecture +seminar	Spring	1+2
Social Psychology of Communication lecture + practice	Spring	2+2

11. International Relations BA

Course Title	Semester	Credits (ECTS)
Ideologies AVAILABLE ONLY FROM THE 2019/2020 ACADEMIC YEAR	Fall	8
World History in the 20th Century I.	Fall	8



Introduction to Social Communication - Politics and film	Fall	8
Regional Policy	Fall	8
History of EU Integration I.	Fall	8
Introduction to IR	Fall	8
The Issue of European Integration and Nations	Fall	8
Introduction to Security Policy	Spring	8
Democracy Theories	Spring	8
World History in the 20th Century II.	Spring	8
Hungarian Foreign Policy in the 20th C.	Spring	8
Introduction to Political Culture	Spring	8
Introduction to Migration Policy	Spring	8
History of EU Integration II.	Spring	8
The History of IR I.	Spring	8
Theories and practices of international conflict resolution	Spring	8
Introduction to diplomacy	Spring	8

12. International Relations MA

Course Title	Semester	Credits (ECTS)
International Political Economy I.	Fall	8
Intercultural Course	Fall	8
Theories of International Relations	Fall	8
Geopolitics	Fall	8
Good Territorial Governance	Fall	8
Geography of Elections	Fall	8
Diplomatic and consular relations	Fall	8
Political geography, geography of security	Fall	8
Russian Foreign Policy	Fall	8
Political Culture - International Cultural Relations	Fall	8
European paradigm since the ancient ages until the present day	Fall	8



The EU in International Affairs	Fall	8
Central European Political Structures	Fall	8
Latin America from the Cold War up to the present	Fall	8
Political Africa Studies	Fall	8
Modern Social Philosophy	Spring	8
International Political Economy II.	Spring	8
Decentralisation and Autonomies	Spring	8

13. English and American Studies BA

Course Title	Semester	Credits (ECTS)
The History of Philosophy	Fall	2
Introduction to Intercultural Communication I-II	Fall	2+2
Introduction to Linguistics	Fall	2
Introduction to Literary and Cultural Studies	Fall	2
The Language of English Literary and Cultural Studies and	Fall	2
Introduction to the Study of English Literatures and Cultures	Fall	3
Introduction to English Linguistics I-II.	Fall/Spring	3-3
Introduction to Applied Linguistics	Fall	3
Introduction to the History of English	Spring	
English Morphology	Fall/Spring	3
English Phonetics and Phonology	Fall/Spring	3
English Literature and Culture I-II	Fall/Spring	3-3
American Literature and Culture I-III	Fall/Spring	3-3
History of the United Kingdom	Spring	3
History of the United States	Fall	3
Meaning and Use I-II	Fall/Spring	4-4
English Word-formation	Spring	4
Varieties of English	Fall	4
Semantics	Fall	5
Psycholinguistic and Sociolinguistic Issues in Applied Linguistics	Fall	4
Analyzing English Discourse	Fall	4
Research Methodology in English Linguistics	Fall	3
Applied Linguistics	Spring	4
Course title: Intercultural Communication	Fall	4
Discourse Analysis	Spring	4
Pragmatics	Spring	5
Psycholinguistic and Sociolinguistic Issues in Applied Linguistics	Spring	4
Research Methodology in English Applied Linguistics	Fall	3



Areas of British Literature and Culture I	Fall	4
Areas of British Literature and Culture II.	Spring	4
Postcolonial Literatures and Cultures in English	Spring/Fall	4-4
Introduction to Irish Culture	Fall	4
Areas American Society and Culture	Fall/Spring	4
Introduction to Canadian Studies	Spring	3
Selections from American Ethnic Literatures	Fall	4

14. English Studies MA

Course Title	Semester	Credits (ECTS)
British Socio-cultural History	Fall	4
Language in Socio-cultural Context	Fall	4
Professional Writing	Fall	4
Research Methodology	Fall	4
The System of English in a Historical Perspective	Fall	6
Fields of Linguistic Research	Fall	4
Current Issues in Literary and Cultural Theory	Spring	4
A Cultural History of Literary Genres in Britain	Spring	4
<i>Specialisation I.: Applied Linguistics</i>		
Print and Electronic Media	Fall	5
Sociolinguistic Aspects of Language Learning and Assessment	Fall	5
New Englishes	Fall	5
Language and Cognition	Fall	5
English Corpus Linguistics	Fall	5
English lexicology and lexicography	Fall	5
Approaches to Narratives	Spring	5
Individual Differences in SLA	Spring	5
Metaphor and Thought	Spring	5
Discourse Analysis	Spring	5
<i>Specialistaion II.: English Literature</i>		
Oral and Popular Literature	Fall	5
Portraits of British Canonical Authors	Fall	5
Comparative Approaches to British Literature	Fall	5
British and Postcolonial Literature	Fall/Spring	5-5
Modernism and Postmodernism in the Literatures of the British Isles I-II.	Fall/Spring	5-5
Forms of English Prose	Spring	5
Early Modern English Literature	Spring	5



15. Social Work BA

Course Title	Semester	Credits (ECTS)
Foundations of Social Work	Fall	5
Reflective Communication Skills Training	Fall	4
The Foundations of Sociology and Theories of Societies	Fall	5
Welfare and Social Economy	Fall	4
Introduction to Societal and Social Policy	Fall	4
General Psychology	Fall	4
Psychosocial Skills Training	Fall	4
Strength-based Social Work with Individuals	Fall	2
Societal Processes and Social Problems	Fall	5
Support Systems	Fall	4
The psychology of life-span development	Fall	4
Theories of Social Work	Spring	8
Introduction to Empiric Social Research	Spring	8
Special Policy Issues of Life-span Development	Spring	8
Social context of human development (Social psychology)	Spring	8
Society and Health Studies	Spring	8
Family Consultation	Spring	8
Lifestyles in the Contemporary Hungarian Society	Spring	8
Operation of Human Services	Spring	8
Public Health and Epidemiology	Spring	8
Solution-focussed consultation	Spring	8


16. Pharmacy (Pharm.D.)

Course title	Term	Recommended Semester	Credits (ECTS)
Physical Chemistry 2	Fall	3	3
Organic Chemistry 1 - Theory & Practice	Fall	3	3+3
Organic Chemistry 1 -	Fall	3	3
Human Anatomy, Histology and Embriology 2	Fall	3	2
Human Physiology 1 - Theory & Practice	Fall	3	3+2
Human Physiology 1 - Theory	Fall	3	3
Pharmacobotany 1 - Theory & Practice	Fall	3	1+1
Pharmacobotany 1 - Theory	Fall	3	1
Pharmaceutical Biochemistry 2	Fall	5	4
Biopharmacy	Fall	5	2
Pharmacognosy 1 - Theory & Practice	Fall	5	2+3
Pharmaceutical Chemistry 1 Theory & Practice	Fall	5	2+4
Pharmaceutical Technology 1 - Theory & Practice	Fall	5	2+5
Basic Immunology	Fall	5	2
Microbiology 1	Fall	5	2
Pharmaceutical Applied Immunology	Fall	7	2
Pharmacodynamics 1 - Theory & Practice	Fall	7	2+2
Pharmaceutical Practice and Management 1	Fall	7	3
Pharmaceutical Chemistry 3 - Theory & Practice	Fall	7	3+4
Pharmaceutical Technology 3 - Theory & Practice	Fall	7	2+5
Pharmaceutical Pathology	Fall	7	2
Public Health 1	Fall	7	2
Pharmacodynamics 3 - Theory & Practice	Fall	9	2+2
Pharmaceutical informatics - Theory & Practice	Fall	9	1+1
Pharmaceutical Practice and Management 3 - Theory & Practice	Fall	9	2+1
Clinical Pharmacology	Fall	9	1
Plants in Medicine	Fall	9	2
Problem solving Pharmacy	Fall	9	2
Toxicology	Fall	9	2
Clinical Studies 2	Fall	9	5
Clinical Laboratory Investigations	Fall	9	2
Pharmaceutical Biochemistry 1	Spring	4	3
Instrumental Analysis - Theory & Practice	Spring	4	2+3
Organic Chemistry 2 - Theory & Practice	Spring	4	3+3



Basic Principles of Pharmacy	Spring	4	2
Human Physiology 2 - Theory & Practice	Spring	4	3+2
Pharmacobotany 2 - Theory & Practice	Spring	4	1+2
Pharmacognosy 2 - Theory & Practice	Spring	6	2+3
Pharmaceutical Chemistry 2 - Theory & Practice	Spring	6	2+4
Pharmaceutical Technology 2 - Theory & Practice	Spring	6	2+5
Pathophysiology	Spring	6	5
Microbiology 2 - Theory & Practice	Spring	6	2+2
Pharmacodynamics 2 - Theory & Practice	Spring	8	2+2
Pharmaceutical Practice and Management 2 Theory & Practice	Spring	8	4+1
Pharmaceutical Chemistry 4 - Theory & Practice	Spring	8	2+4
Pharmaceutical Technology 4 - Theory & Practice	Spring	8	2+4
Public Health 2	Spring	8	3
Clinical Studies 1	Spring	8	2

17. Nursing BSc

Course Title	Semester	Credits (ECTS)
First Aid I. theory	Fall	4
First Aid I. practice	Fall	4
Biophysics, health and technological studies	Spring	4
Basics of cell biology and biochemistry in Health Science	Fall	8
Applied Anatomy in Health Science I. theory	Fall	10
Applied Anatomy in Health Science I. practice	Fall	4
Applied Physiology and Pathophysiology in Health Science I. theory	Fall	6
Applied Physiology and Pathophysiology in Health Science I. practice	Fall	4
Nursing skills I. theory	Spring	6
Nursing skills I. practice	Spring	6
Applied Anatomy in Health Science II. theory	Spring	6
Applied Anatomy in Health Science II. practice	Spring	4
Clinical Knowledges I. (clinical ophthalmology, ear-nose-throat dermatology theory)	Fall	2
Clinical knowledges II. (clinical bones-joints-musculoskeletal system theory)	Fall	2



Neurology (clinical neurology theory)	Spring	2
Obstetrics and gynecology I. (obstetrics and gynecology clinical theory)	Spring	2
Infant medicine and pediatrics I. (infant medicine and pediatrics clinical theory)	Spring	2
Psychiatry I. (psychiatry clinical theory)	Spring	3
Public care and nursing (primary care, public care theory)	Fall	2
Intensive care, anaesthetics I. (intensive care, anaesthetics clinical theory)	Fall	2
Oxology I. (oxology clinical theory)	Fall	2
Internal medicine	Fall	6
Surgery II. (clinical internal medicine theory)	Fall	4

18. Midwifery BSc

Course Title	Semester	Credits (ECTS)
First Aid I. theory	Fall	4
First Aid I. practice	Fall	4
Biophysics, health and technological studies	Spring	4
Basics of cell biology and biochemistry in Health Science	Fall	8
Applied Anatomy in Health Science I. theory	Fall	10
Applied Anatomy in Health Science I. practice	Fall	4
Applied Physiology and Pathophysiology in Health Science I. theory	Fall	6
Applied Physiology and Pathophysiology in Health Science I. practice	Fall	4
Nursing skills I. theory	Spring	6
Nursing skills I. practice	Spring	6
Applied Anatomy in Health Science II. theory	Spring	6
Applied Anatomy in Health Science II. practice	Spring	4
Clinical Knowledges I. (clinical ophthalmology, ear-nose-throat)	Fall	4
Internal medicine I. (internal medicine)	Fall	4
Surgery I. (surgery)	Fall	4
Complementary medicine II. (fields and methods of complementary medicine)	Fall	2
Genetics (clinical genetics)	Fall	2
Obstetrics and gynaecology II. (childbirth and delivery room duties, family-centered obstetrics practice, nursing theory II)	Fall	2



Intensive care, anaesthetics I. (obstetrics and gynaecology surgery room and anaesthetics)	Fall	2
Clinical knowledges II. (dermatology, orthopaedics)	Spring	4
Transfusiology (transfusiology)	Spring	4
Obstetrics and gynaecology III. (preparation for pregnancy and childbirth, rooming-in, childbed) /Obstetrics and gynaecology nursing theory III)	Spring	4
Obstetrics and gynaecology IV. (specialty wards for placental pathology and gynaecology, family protection services practice /Obstetrics IV)	Spring	4
Obstetrics and gynaecology V. (physiological and chronic functioning of reproductional organs, ethics of obstetrics and gynaecology, oncologic care and nursing in obstetrics and gynaecology) /Nursing theory IV)	Fall	2
Obstetrics, gynaecology VI. (pregnancy and childbed care)/Obstetrics VI)	Fall	4
Obstetrics, gynaecology VI. (pregnancy and childbed care) /Gynaecology V)	Fall	4
Personal and communicational development I., II. (psychosomatics of the pregnancy, mother-fetus communication)	Fall	4

19. Physiotherapy BSc

Course Title	Semester	Credits (ECTS)
First Aid I. theory	Fall	4
First Aid I. practice	Fall	4
Biophysics, health and technological studies	Spring	4
Basics of cell biology and biochemistry in Health Science	Fall	8
Applied Anatomy in Health Science I. theory	Fall	10
Applied Anatomy in Health Science I. practice	Fall	4
Applied Physiology and Pathophysiology in Health Science I. theory	Fall	6
Applied Physiology and Pathophysiology in Health Science I. practice	Fall	4
Nursing skills I. theory	Spring	6
Nursing skills I. practice	Spring	6
Applied Anatomy in Health Science II. theory	Spring	6
Applied Anatomy in Health Science II. practice	Spring	4
Clinical Knowledges I. (clinical ophthalmology, ear-nose-throat)	Fall	4
Functional analysis and examination of movement II. (Functional analysis of movement)	Fall	4



Functional analysis and examination of movement II. (Functional examination of movement practice)	Fall	2
Internal medicine I. (Cardiorespiratory Diseases)	Fall	6
Physiotherapy II. (Physiotherapy of Cardiorespiratory Diseases, Cardiovascular Physiotherapy)I	Fall	2
Physiotherapy II. (Physiotherapy of Cardiorespiratory Diseases, Cardiovascular Physiotherapy practice)	Fall	2
Physiotherapy III. (Pulmonology Physiotherapy)	Fall	2
Physiotherapy III. (Pulmonology Physiotherapy practice)	Fall	4
Diagnostically Imaging I.(Radiology and Imaging Techniques)	Fall	2
Movement and massage therapy IV. (Manualtherapy)	Fall	2
Neurology (Neurological Diseases)	Spring	4
Physiotherapy IV. (Physiotherapy of Neurological and Psychiatric Diseases, Neurology Physiotherapy)	Spring	2
Physiotherapy IV. (Physiotherapy of Neurological and Psychiatric Diseases, Neurology Physiotherapy practice)	Spring	4
Psychiatry I. (Psychiatric Diseases)	Spring	2
Physiotherapy V. (Physiotherapy of Neurological and Psychiatric Diseases, Psychiatry Physiotherapy)	Spring	2
Physiotherapy V. (Physiotherapy of Neurological and Psychiatric Diseases, Psychiatry Physiotherapy practice)	Spring	2
Surgery I. (Traumatology, Surgery)	Spring	2
Physiotherapy VI. (Physiotherapy of Locomotors Diseases, Traumatology Physiotherapy)	Spring	2
Physiotherapy VI. (Physiotherapy of Locomotors Diseases, Traumatology Physiotherapy practice)	Spring	4
Physiotherapy VII. (Physiotherapy of Locomotors Diseases, Physiotherapy of Surgery)	Spring	2
Physiotherapy VII. (Physiotherapy of Locomotors Diseases, Physiotherapy of Surgery practice)	Spring	2
Orthopaedics I. (Locomotors Diseases)	Spring	2
Physiotherapy VIII. (Physiotherapy of Locomotors Diseases, Physiotherapy of Orthopaedics)	Spring	2
Physiotherapy VIII. (Physiotherapy of Locomotors Diseases, Physiotherapy of Orthopaedics practice)	Spring	4
Orthopaedics II. (Locomotors Diseases)	Fall	2
Physiotherapy IX. (Physiotherapy of Locomotors Diseases, Physiotherapy of Orthopaedics)	Fall	2
Physiotherapy IX. (Physiotherapy of Locomotors Diseases, Physiotherapy of Orthopaedics practice)	Fall	2
Gerontology II. (Locomotors Diseases, Geriatric)	Fall	2



Rheumatology (Locomotors Diseases)	Fall	2
Physiotherapy X. (Physiotherapy of Locomotors Diseases, Rheumatologic Physiotherapy)	Fall	2
Infant and Child Care I. (Infant-Child Care)	Fall	2
Physiotherapy XI. (Physiotherapy of Infant-Child Care)	Fall	2
Obstetrics - Gynaecology I. (Obstetrics - Gynaecology I.)	Fall	2
Physiotherapy XII. (Physiotherapy of Obstetrics-Gynaecology)	Fall	4

20. General Courses for all Majors in Health Sciences

Course Title	Semester	Credits (ECTS)
Volleyball (Pécs)	Fall	8
Table Tennis	Fall/Spring	8
Collective Sport Games III.	Spring	8
Swimming (Pécs)	Spring	8
Dance, Modern Dance	Spring	8

21. Classical Music Performance BA/MA

Course Title	Semester	Credits (ECTS)
Classical Music Performance – Main instrument practice (Instruments: piano, violin, viola, flute, guitar)	Fall / Spring	8 (BA) / 12 (MA)
Chamber Music	Fall / Spring	3
Vocational Week	Fall / Spring	2
Cultural Literacy	Fall / Spring	1
Chorus/Orchestra Week	Fall / Spring	1
Performance Practice	Fall / Spring	1
Choir	Fall / Spring	1

22. Sculpture (single cycle MA)

Course Title	Semester	Credits (ECTS)
Figure Drawing Class	Fall / Spring	2
Metal Casting	Fall / Spring	2
Plaster works	Fall	2
Constructed Metal Sculpture	Fall / Spring	4



23. Ceramic Design MA

Course Title	Semester	Credits (ETCS)
Ceramic Design	Fall/Spring	4
Ceramic Techniques	Fall/Spring	6
Industrial Product Design	Fall/Spring	6
Studio Ceramics	Fall/Spring	6
Silicate Sculpture	Fall/Spring	6
Raku Firing	Fall/Spring	6
Drawing and Painting	Fall/Spring	4
Modelling	Fall/Spring	4
Paperworks	Fall/Spring	4

24. Biology BSc

Course Title	Conditions	Credits (ECTS)
Natural conservation and environmental protection		2
Evolution lect.		2
Ethology		2
Bioinformatics lect.	The course has a prerequisite of "Biochemistry Lecture" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Models in Neurobiology lect.		4
Molecular Basics of Microbial Interactions lect.		4
Population Genetics		2
Foundation of phytosociology		2
Conservation of Plants		2
Conservation of Animals		2
Population Genetics lect.		2
Fundamental Chemistry II. lect.	The course has a prerequisite of "Fundamental Chemistry I. Lecture" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Organic Chemistry lect.		2



Biochemistry lect.	The course has a prerequisite of "Fundamental Chemistry I. Lecture" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Comparative Anatomy II. lect.	The course has a prerequisite of "Comparative Anatomy I. lect." which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Zootaxonomy and systematics lec.		3
Comparative Physiology II. lect.	The course has a prerequisite of "Comparative Physiology I. lect." which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Plant Physiology lect.	The course has a prerequisite of "Biochemistry Lecture" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Microbiology lect.		2

25. Chemistry BSc

Course Title	Conditions	Credits (ECTS)
Physical Chem. II. lect.	The course has a prerequisite of "Physical Chem. I. Seminar AND Lecutre" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	5
Physical Chem. II. sem.	The course has a prerequisite of "Physical Chem. I. Seminar AND Lecutre" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Physical Chem. II. lab.	The course has a prerequisite of "Physical Chem. I. Seminar AND Lecutre" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Analytical Chem. II. lect.	The course has a prerequisite of "Analytical Chem. I. Lecture AND Seminar AND Laboratory" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Analytical Chem. II. lab.	Parallel with Analytical Chem. II. lect.	2
Analytical Chem. III. lab.	Parallel with Analytical Chem. II. lab.	2
Chemometrics	Parallel with Analytical Chem. II. lect.	2
Chemometry sem.	Parallel with Chemometrics lect.	3
Environmental Chem. lect.	The course has a prerequisite of "Organic Chemistry II. lect." AND "Physical Chem. II. lect." AND "Instrumental	2



	Analysis I. lect." which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	
Instrumental Analysis II. pract.	The course has a prerequisite of " Instrumental Analysis II. lect." which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Colloid Chemistry lab.	The course has a prerequisite of "Colloid Chemistry lecture" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Physical Chem. II. lect.	The course has a prerequisite of "Physical Chem. I. Seminar AND Lecutre" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Physical Chem. II. sem.	The course has a prerequisite of "Physical Chem. I. Seminar AND Lecutre" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Physical Chem. II. lab.	The course has a prerequisite of "Physical Chem. I. Seminar AND Lecutre" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Analytical Chem. II. lect.	The course has a prerequisite of "Analytical Chem. I. Lecture AND Seminar AND Laboratory" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Analytical Chem. II. lab.	Parallel with Analytical Chem. II. lect.	2
Analytical Chem. III. lab	Parallel with Analytical Chem. II. lab.	2
Chemometrics	Parallel with Analytical Chem. II. lect.	3
Chemometry sem.	Parallel with Chemometrics lect.	2
Environmental Chem. lect.	The course has a prerequisite of "Organic Chemistry II. lect." AND "Physical Chem. II. lect." AND "Instrumental Analysis I. lect." which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Instrumental Analysis II. pract.	The course has a prerequisite of " Instrumental Analysis II. lect." which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Colloid Chemistry lab.	The course has a prerequisite of "Colloid Chemistry lecture" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2



26. Geography BSc

Course Title	Credits	Semester
Introduction to Geography	4	
Introduction to Office-related applications	3	
Road to Geography	1	
Geomathematics and Geostatistics	4	
Introduction to Physics	2	
Social Studies for Geographers	6	
Meteorology and Climatology	4	
Introduction to Astronomy	2	
Astronomical Geography and Cartography	3	
Introduction to Geology	3	
Introduction to Geology	2	
Introduction to GIS I.	4	
Introduction to GIS II.	4	
Introduction to Scientific Work	3	
Geomorphology	5	
Historical Geology and Paleontology	3	
Introduction to Pedology	4	
Biogeography	3	
Hydrogeography	4	
Introduction to Human Geography	2	
Population, Place and Identity	6	
Urban Geography	6	
Economic Geography	6	
Physical Geography of Europe	6	
Human Geography of Europe	6	
Physical Geography of the Carpathian Basin	6	
Human Geography of Hungary	6	



Applied Geography Specialization

Course Title	Credits	Semester
Introduction to ArcGIS	4	
Project Planning and Project Management	3	
Introduction to Remote Sensing	3	
Landscape Analysis and Planning	5	
Urban Development	4	
Spatial and Social Conflicts	3	
Analog Cartography	3	
Digital Cartography	3	
GIS Software I.	4	
Transport Geography and Planning	3	
Data Acquisition Methods	4	
Regional Policies	3	
Global Tourism	3	

27. Earth Sciences BSc

Course Title	Credits (ECTS)
Geomorphology	5
Historical geology and paleontology lecture	3
Remote sensing lecture	3
Climatology lecture	3
Mathematical methods in Earth Sciences practice	5
Introduction to GIS II. practice	4
Field measurements, documentation, geological mapping practice	3
Analytical techniques in geology practice	3
Introduction to hydrometeorology practice	3
Physical geography of Hungary lecture	2



28. Mathematics BSc

Course Title	Semester	Credits (ECTS)
Algorithms and Data Structures	Fall	5
Analysis 2 lec.	Spring	3
Analysis 2 discussion (seminar)	Spring	2
Algebra 2 lec.	Spring	2
Algebra 2 discussion (seminar)	Spring	2
Geometry 1 lec.	Spring	2
Geometry 1 discussion (seminar)	Spring	2
Complex series lec.	Spring	3
Complex series sem.	Spring	2
Probability Theory and Statistics lec.	Spring	3
Probability Theory and Statistics sem.	Spring	2
Theory of Representations lec.	Spring	3
Theory of Representations sem.	Spring	2
Differential Equations lec.	Spring	3
Differential Equations sem.	Spring	2
Complex functions lec.	Spring	2
Complex functions sem.	Spring	2
Numerical Analysis (Methods) 1 lec.	Spring	3
Numerical Analysis (Methods) 1 sem.	Spring	2
Linear Algebra lect.	Spring	3
Linear Algebra sem.	Spring	2

29. Computer Science BSc

Course Title	Conditions	Credits (ECTS)
Operating Systems	The course has a prerequisite of "Computer Architecture Lecutre" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Compilers and Assemblers	The course has a prerequisite of "Formal Languages and Automaton Lecture" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Compilers and Assemblers	The course has a prerequisite of "Programming II. Practice" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3



Automation and Control Technology	The course has a prerequisite of "Programming II. Practice" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Automation and Control Technology	The course has a prerequisite of "Programming II. Practice" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Calculus II. Theory and Practice (Combined)	The course has a prerequisite of "Calculus I. " which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	5
Programming II.	The course has a prerequisite of "Programming I. Practice" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	5
Algorithms, data structures Theory and Practice (combined)		5
Methodology of programming I. Theory and Practice (Combined)	The course has a prerequisite of "Programming I. Practice" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	5
Professional communication Theory and Practice (Combined)		3
Computer networks		5
Numerical methods I. - Theory and Practice (Combined)	The course has a prerequisite of "Elementary linear algebra" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	5
Discrete mathematics II. - Theory and Practice (Combined)		5
Operation of IT systems		3
State-of-art database systems - Theory and Practice (Combined)		3
Software development technologies - Theory and Practice (Combined)	The course has a prerequisite of "Methodology of programming I" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	5
PHP programming - Theory and Practice (Combined)	The course has a prerequisite of "Methodology of programming I" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Basics of Python - Theory and Practice (Combined)	The course has a prerequisite of "Methodology of programming I" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3



Basics of Java - Theory and Practice (Combined)	The course has a prerequisite of "Methodology of programming I" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Basics of C# - Theory and Practice (Combined)	The course has a prerequisite of "Methodology of programming I" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Basics of mobile application development - Theory and Practice (Combined)	The course has a prerequisite of "Methodology of programming I" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	5
Working with SAP ERP 6.0 MM-PP-SD modules - Theory and Practice (Combined)		5
Web programming II. - Theory and Practice (Combined)	The course has a prerequisite of "Web programming I" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	5
MATLAB I		3

30. Physics BSc

Course Title	Credits (ECTS)	Semester
An insight into Hungary	3	
Economics	3	
Introductory mathematics practical course	3	
Computer technology lecture I	3	
Informatics practical course	3	
Calculus lecture I	3	
Calculus practical course I	3	
Linear algebra lecture	3	
Meteorology lecture	2	
Terahertz spectroscopy lecture	2	
Fundamentals in Chemistry lecture	2	
Linear algebra practical course	3	



Software packages practical course	3	
Introductory mechanics lecture	3	
Introductory mechanics practical course	3	
Mathematical methods in physics practical course I	3	
Mathematical methods in physics practical course II	3	
Thermodynamics lecture	3	
Thermodynamics practical course	3	
Waves and optics lecture	3	
Waves and optics practical course	3	
Electricity and magnetism lecture	3	
Electricity and magnetism practical course	3	
Modern physics I lecture	3	
Modern physics II lecture	3	
Electronics lecture	3	
Physics and electronics laboratory I	4	
Classical mechanics lecture I	3	
Classical mechanics practical course I	3	
Electrodynamics lecture	3	
Electrodynamics practical course	3	

31. Physical Training BSc

Course Title	Conditions	Credits (ECTS)
Football - Sport theory and practice II.	The course has a prerequisite of 'Sport theory and practice I.' which can be proved by showing evidence from previous Higher Education studies (E.g. Transcript)	6
Callistenics II.	The course has a prerequisite of "Callistenics I. " which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	2
Basics of Theory of Training I		2



Anatomy II.	The course has a prerequisite of "Anatomy I. " which can be proved by showing evidence of previous Higher Education studies (e.g. Transcript)	2
Pedagogy II. (Public education)		2
Introduction to Psychology II. (Developmental Psychology)	The course has a prerequisite of "Introduction to Psychology I. " which can be proved by showing evidence of previous Higher Education studies (e.g. Transcript)	2
Social Sciences II. (Communication, Introduction to Sociology, Basic of Sport Law)		5
Introduction of Research methods in Sport		4
Basketball - Visiting trainings II.		2
Athletics – Sport theory and practice II.	The course has a prerequisite of 'Sport theory and practice I.' which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	6
Swimming - Sport theory and practice II.	The course has a prerequisite of 'Sport theory and practice I.' which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	6
Basketball - Sport theory and practice II.	The course has a prerequisite of 'Sport theory and practice I.' which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	6
Football - Visiting trainings II.		2
Athletics - Visiting trainings II.		2
Swimming- Visiting trainings II.		2
Physical Education Games		2
Physiology, Sportphysiology II.	The course has a prerequisite of "Physiology, Sportphysiology I." which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	4
Dietetics		2
Pedagogy III. (Theories of Education, Didactics)	The course has a prerequisite of "Pedagogy I." which can be proved by showing evidence of previous Higher Education studies (e.g. Transcript)	4



Pedagogical Psychology	The course has a prerequisite of 'Psychology II.' which can be proved by previous Higher Education studies (e.g. Transcript)	2
Communication in Sport		2
Event management		2
Football - Leading and practice of training II.		2
Football - Sport theory and practice IV.	The course has a prerequisite of 'Sport theory nad prectice III.' which can be proved by previous Higher Education studies (e.g. Transcript)	6

32. Legal Issues in an International Context

Course Title	Semester	Credits (ETCS)
Languages, Human Rights and Minorities. How to Legislate Linguistic Diversity?	Spring/Fall	6
Information and Communication Technology Law in EU and in Hungary	Spring/Fall	6
Sustainable Production and Consumption in the EU – The Integrated Product Policy	Spring/Fall	6
European Union Law	Spring/Fall	6
EU Environmental Policy and Law	Spring/Fall	6
English for Law Students	Spring/Fall	6
Citizenship and Combating Crime in the EU	Spring/Fall	6
Major Legal Systems of the World	Spring/Fall	6
Quality of legislation	Spring/Fall	6
Introduction to ECtHR case law – Human Rights Protection in Strasbourg	Spring/Fall	6
Comparative Administration and Administrative Law	Spring/Fall	6



33. Physical Education Training BSc

Course Title	Conditions	Credits (ECTS)
Motor Learning Motor Control		4
Motor development	The course has a prerequisite of "Anatomy II." which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	4
Sportpsychology	The course has a prerequisite of "Introduction to Psychology" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Sociology of Sport	The course has a prerequisite of "Introduction to Sociology" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3
Sport game IV. (football II., volleyball II.)	The course has a prerequisite of "Sport game III. (football I., volleyball I.)" which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	4
Recreation and free time sport activities II.	The course has a prerequisite of "Recreation and free time sport activities I." which can be proved by showing evidence from previous Higher Education studies (e.g. Transcript)	3

