



UNIVERSITY *of* DEBRECEN

Undergraduate Program Description
for International Students

Why choose the University of Debrecen?

The University of Debrecen in Hungary is one of Central Europe's top educational and research institutions. It offers a wide range of internationally recognized academic courses in Medical, Engineering, Business, IT, and Agricultural programs among many others to its 29,000 students. Debrecen is a charming and fast-developing school town in the heart of Europe.

We are highly ranked by the most prestigious higher education rankings:

39 in QS EECA ranking 2021
195 in THE Emerging Economies University Rankings 2021
201-250 in QS WUR by Subject "Agriculture&Forestry"
351-400 in QS WUR by Subject "Medicine"
521-530 in QS World University Rankings
U-Multirank: "A" - very good regarding foreign language bachelor's programs.

University facts:

 29,000+ students	 6,500 international students from over 117 countries
 14 Faculties on 8 campuses	 1,524 academic staff
 16:1 student/academic staff ratio	 189 international academic staff
 100+ lecture halls	 363 university buildings
 500+ research labs	 530+ practice and seminar rooms
 7 libraries	 135 laboratories and language labs
 15 gyms	 6,000,000+ library documents

We offer:

- A wide range of academic fields: Medical and Health Sciences, Agriculture, Business, Engineering, Humanities, IT, Law, Music, Natural Sciences
- Sophisticated and student-focused classes
- Research projects: students are encouraged to join ongoing research projects.

We offer you medical programs with worldwide accreditation:

- World Health Organization
- New York State Education Department
- Medical Board of California
- Medical Councils of Israel, Ireland, Iran and Norway

The latest information about our programs including the most up-to-date curricula can be found online at www.edu.unideb.hu. For more information please contact us at info@edu.unideb.hu.

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Foundation Programs

Basic Medicine Course (Pre-medical Studies)

Duration:	2 semesters (September – June)
Aim of the program:	The one-year pre-medical Basic Medicine Course is recommended for students who do not have sufficient knowledge in biology, physics and chemistry from high school and whose scientific English proficiency is not adequate for these studies at the time of the entrance exam. The requirements in these pre-medical science subjects are rigorous, thus it is recommended that students who need a period of preparation prior to beginning the Medicine, Dentistry or Pharmacy program join the Basic Medicine Course. Students who successfully complete the course are directly admitted to their chosen program.
Entry requirements:	- high school certificate - English language proficiency - entrance examination in biology and physics/chemistry (written and oral)
Subjects:	Biology, Chemistry, Physics
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 7,000 USD/year

International Foundation Year



Duration:	2 semesters (September – May)
Aim of the program:	For students who require additional instruction or review in sciences and in English language we offer foundation year courses to prepare them to study in their chosen degree program. With a range of courses, including intensive English language instruction, the International Foundation Year bridges the gap between students' current qualifications and background and the knowledge and skills required for honors courses. Students are provided with the necessary skills to proceed with studies in their chosen discipline. Students who are enrolled in the International Foundation Year and achieve a grade point average of at least 3.5 in the first semester and 4.0 in the second semester can enter the first year of their chosen program without taking an entrance exam.
Language requirements:	Basic English language proficiency
Subjects:	Basic science subjects – mathematics, biology, physics, chemistry – IT skills, general English, academic English, optional Hungarian as a foreign language In the frame of the International Foundation Year Program students have to choose one of the following specializations, depending on which major they wish to apply for: • Information Technology • Physics-related Engineering • Chemistry-related Engineering • Business
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 5,500 USD

Intensive Basic Medicine Course (Pre-medical Studies)

Duration:	1 semester (January - July)
Aim of the program:	The one-semester pre-medical Basic Medicine Course is recommended for students who do not have sufficient knowledge in biology, physics and chemistry from high school. The requirements in these pre-medical science subjects are rigorous, thus it is recommended that students who need a period of preparation prior to beginning the medicine, dentistry or pharmacy program join the Basic Medicine Course. Students who successfully complete the course are directly admitted to their chosen program. The course is recommended for those students who would like to refresh their high school knowledge before starting their first year studies.
Entry requirements:	- high school certificate - English language proficiency - entrance examination in biology and physics/chemistry (written and oral)
Subjects:	Biology, Chemistry, Physics
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 7,000 USD/year

Intensive Foundation Semester

Duration:	5 months (February – June)
Aim of the program:	The Intensive Foundation Semester (from February till June) is suggested for students who require additional instruction or review in sciences and English. We offer foundation courses to prepare them to study in their chosen degree program. Students who successfully finish the Intensive Foundation Semester program with a grade point average of 4.0 are guaranteed admission into any engineering, IT or business program.
Language requirements:	Basic English language proficiency
Subjects:	The preparation of foreign students, to enable them to successfully learn subjects at the University of Debrecen, is carried out according to the curriculum of the foundation year. During this time, several subjects will be taught to students: general English, academic English, optional Hungarian as a foreign language, mathematics, IT skills, and optionally - depending on prospective studies - biology, chemistry, and physics.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 3,300 USD

English Language Course



Aim of the program:

We offer English Language Courses to students whose knowledge of English is not sufficient to be enrolled in the International Foundation Year or any other program but who are NOT applying for medicine or dentistry. After the completion of the first semester of the language course students can either continue with the second semester of the language course starting in February or start the Intensive Foundation Semester, during which they can study the subjects necessary for the entrance exam of their chosen discipline.

The tuition fee for the Intensive Foundation Semester is 3,300 USD.

Program name	Duration	English language requirement	Subjects	Fees*
English Language Courses	September - May	IELTS 3.5	English language – 900 hours	5,500 USD
Short English Language Course	September - December	IELTS 3.5	English language – 300 hours	2,700 USD
Intensive English Language Course	February - June	IELTS 4.5	English language – 400 hours	3,300 USD

*Application fee: 150 USD, entrance procedure fee: 350 USD for all programs.

Preparatory courses for Music

Aim of the program:

The objective of these preparatory courses is to prepare foreign students for the requirements of entry tests to Hungarian higher education institutions of music. Apart from systematizing their thus far acquired music knowledge and experience, they can improve their musical skills and theoretical knowledge and meet the requirements of pursuing their studies in higher education (BA or MA).

Entry requirements:

- High school certificate
- Certificate of musical pre-training
- English language proficiency
- Entrance examination (more information: www.music.unideb.hu)

Starting date:

September

Period of training:

2 semesters (September–December and January–April)

Program name	Duration	Major study	Lesson/week	Fees*
Preparatory course for classical instrument / voice studies	10 months	Instrument /singing	2 lessons/week	6,000 USD / 2 semesters
		Music Theory	2 lessons/week	
		Musicianship (Solfege)	2 lessons/week	
		Piano	1 lesson/week	
Preparatory course for Musical Creative Art and Musicology study	10 months	Music theory	2 lessons/week	6,000 USD / 2 semesters
		Musicianship (Solfege)	2 lessons/week	
		Piano	1 lesson/week	

*Registration fee: 50 USD, Fee for entry test: 450 USD for both programs





Undergraduate Programs



Food Engineering, BSc



Academic discipline:	Agricultural Science
Degree:	Bachelor of Science (BSc)
Qualification:	Food Engineer
Duration:	7 semesters (6 semesters for academic studies + 1 semester-long farm management practice period)
Credits obtained:	The bachelor's degree requires the completion of 210 credits.
Aim of the program:	The BSc in food engineering is aimed at training professionals who are able to operate, supervise and develop food processing technologies. The studies include the physical, chemical and biological fundamentals of engineering with special emphasis on food quality and safety related issues. Besides becoming acquainted with operations and technological processes the students also learn economic, management and analytical subjects. The main goal of the program is to train experts who are able to fully provide servicesrelated to the everyday tasks of operation from engineering, biological and chemical work to management duties based on their comprehensive theoretical knowledge.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics, chemistry or biology (written and oral)
Lecture, Seminar: Practice:	40% 60%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Agricultural Botany, Economic Sciences, General and Inorganic Chemistry, History of Agriculture and EU Knowledge, Informatics, Mathematics, Raw Materials of Food Processing, Thermodynamics, Zoology, Animal Physiology, Agricultural and Food Microbiology, Analytical Chemistry, Basic Equipment for Food Industries, Environmental Management, Environmental Technology, Introduction to Food Safety, Organic and Biochemistry, Technical Basics of Agricultural Machinery
2	Agricultural and Food Microbiology, Business Studies and English Language Skills, Economic Sciences, Electrotechnics, Food Chemistry, Food Hygiene, Introduction to Intercultural Communication, Professional Language Skills, Unit Operations in Food Processing, Colloid Chemistry, Grant Proposal Writing in the target language, Measurement and Control, Principles of Food Technology
3	Basics of Quality Assurance, Business Studies and English Language Skills, Food Industry Technologies and Quality Assurance, Instrumental Analytics, Legal English, Statistics, Unit Operations in Food Processing, English for Environmental Management and Politics, Food Analytics, Food Industry Economics, Intercultural Communication, Principles of Food Technology, Project Work, Agricultural Regulation and Administration
4	Professional Practice, Thesis

Internship, practice:	Students should complete a 14-week professional practice in the last semester.
Career prospects:	Graduates may find employment in the food industry, raw material and product qualification, food analysis, inspection, quality assurance or may work for food authorities. Graduates may continue their studies with an MSc in food engineering, an MSc in food quality and assurance, or an MSc in nutrition.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,500 USD/year

Rural Development Engineering, BSc



Academic discipline:	Agricultural Science
Degree:	Bachelor of Science, (BSc)
Qualification:	Rural Development Engineer
Duration:	7 semesters
Credits obtained:	The bachelor's degree requires the completion of 210 credits.
Aim of the program:	The purpose of the program is to train rural development agricultural engineers who can carry out organizational, management, administrative, logistical, and production tasks related to production, service, and consultancy. With their acquired knowledge of agronomic, economic, management, business, analytical, advisory, agro-commerce, agro-marketing, environmental, and regional skills and deep understanding of the relationship between administrative tasks and the agricultural economy, they can carry out professional tasks that meet the market expectations. They have the competence to interpret rural development following according to the standards of the European Union, with the necessary skills for planning and implementing rural development programs.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics and chemistry (written and oral)
Lecture, Seminar: Practice:	78% 22%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Business Mathematics, Informatics, Economics, Statistics, Business Mathematics, Economic law, Basic of Administrative Law, Natural Science Basics of Plant Production, Fundamentals of Animal Husbandry II., Science Bases of Animal Husbandry (Zoology), Natural Sciences in Agricultural Production (Agricultural Chemistry), Natural Sciences in Agricultural Production (Soil Science), Introduction to Agricultural Machinery, Basics of Marketing, EU Studies, EU Agricultural and Environmental Policy, Applied Geographic Information System, Agri-Information System
2	Horticulture, Crop Production, Animal Production, Water and Environmental Management, Land Policy, Introduction to Finance, Farm Business Management I-II., Agricultural Economics, Regional Economics I-II., Rural Development I-II., Sociology of the Village/Village Studies, Rural Community Development
3	Land Policy, International Financial Accounting, Support and Regulatory of Systems, Farm Business Management III., Agricultural Consultancy, Basics of Agrarian Trade, Logistics, Business Planning, Project Management, Human Resource Management, Rural and Civil Security, Settlement Development and Management, Business Competitiveness Development, Internship
4	Thesis writing

Internship, practice:	Students should complete a 12-week field practice.
Career prospects:	The wide range of management and rural development skills enable graduates to pursue different careers and adapt their knowledge to different conditions in their home countries. Graduates may find employment at agricultural companies or in public administration and can also continue studying for a master.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition fee: 6,000 USD/year

Business Administration and Management, BA



Academic discipline:	Economic Sciences
Degree:	Bachelor of Arts (BA)
Qualification:	Economist in Management and Business Administration
Duration:	7 semesters
Credits obtained:	The bachelor's degree requires the completion of 180+30 credits.
Aim of the program:	The program prepares specialists in economics and business who, using the skills acquired in the fields of economics, social sciences, applied economics, methodology and their chosen specialization are able to analyze, plan, organize, coordinate and accomplish the activities of business organizations and institutions.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics and English (written and oral)
Lecture, Seminar: Practice:	38% 62%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Mathematics, Business Informatics, Introduction to Economics, Introduction to Business, Finance, Communication, International Financial Accounting, Organizational Behavior, Microeconomics, Business Civil Law, Environmental Economics
2	Macroeconomics, Business Public Law, Corporate Finance, Marketing, Organizational Behavior, International Economics, Economic Policy, World Economy, Statistics, Marketing Management, Management of Value Creating Processes, Reading and Writing in Economics and Business
3	Human Resource Management, Controlling, EU Studies, Issues in Economic Development, Communication with Customers, Conflict Management, Knowledge Management, Measuring Economic Performance, Business Planning, International Business, Decision Theory and Methodology, Regulation Theory, Entrepreneurship Theory and Practice, Project Management, Services Marketing
4	Business Practice, Thesis

Internship, practice:	1 semester-long business practice should be completed.
Career prospects:	Graduates with a bachelor's degree in business administration and management will find themselves qualified for positions such as construction manager, environmental engineer, human resources officer, logistics and distribution manager, marketing executive, or sales executive. The program provides students with the necessary background knowledge to continue with the second (MA) phase of their training.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year

Commerce and Marketing, BA



Academic discipline:	Economic Sciences
Degree:	Bachelor of Arts (BA)
Qualification:	Economist in Commerce and Marketing
Duration:	7 semesters
Credits obtained:	The bachelor's degree requires the completion of 180+30 credits.
Aim of the program:	The aim of the program is to prepare specialists in economics and business with commerce and marketing competence and skills, who are able to procure and market various products and services, and organize and manage commercial activities of small and medium enterprises.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics and English (written and oral)
Lecture, Seminar: Practice:	40% 60%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Introduction to Economics, Mathematics, Basics in Marketing, International Financial Accounting, Communication, Business Civil Law, EU studies, Philosophy, Sociology, Business Informatics, Microeconomics, Introduction to Business, Finance, Business Language, Statistics, Commercial Commodity Description
2	Management, Macroeconomics, Management of Value Creating Processes, Business Language, Statistics, Corporate Finance, Marketing Management, Environmental Economics, International Economics, Business Public Law, Business Planning, Marketing Research, Marketing Communications, Foreign Trade Techniques
3	Enterprise Resource Planning Systems, Economics of Trade, Organizational Behavior, Product and Brand Management, Pricing in Marketing, Services Marketing, Planning and Analysis of Marketing Channels, International Marketing, Advertising and Advertising Planning, Non-profit and SME Marketing
4	Business Practice, Thesis

Internship, practice:	Students should complete a semester long practice at a multinational or local company, or at a non-profit organization.
Career prospects:	Graduates may go on to a variety of subject-specific careers in advertising, public relations, or account, brand, marketing or sales management. The program provides students with the necessary background knowledge to continue with the second (MA) and later the third (PhD) phases of training.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year

Biochemical Engineering, BSc



Academic discipline:	Engineering Science
Degree:	Bachelor of Science (BSc)
Qualification:	Biochemical Engineer (with Bachelor of Science degree)
Duration:	7 semesters
Credits obtained:	The bachelor's degree requires the completion of 210 credits.
Aim of the program:	The aim of the program is to enable students to be competent in all fields of biotechnology by providing them with deep theoretical knowledge and practical skills (engineering and technological). Students will experience laboratory and manufacturing practices for themselves that a biochemical engineer might encounter in everyday work. Students will get acquainted with the equipment and apparatus used in the biotechnological industry and understand their optimal operation.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics and chemistry (written and oral)
Lecture, Seminar: Practice:	62% 38%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Introduction to Economics, EU Studies, Mathematics, Introduction to Physics, General Chemistry, Introduction to Cell Biology, Basic Engineering Management of Value Creating Processes, Civil Law, Mathematics, Organic Chemistry, Biochemistry, General Microbiology and Mycology, Mechanical engineering, Animal Genetics
2	Macroeconomics, Biochemistry, Organic Chemistry, Microbiology, Methods in Molecular Biology, Informatics for Engineers, Unit operations, Environmental Technology, Visits to Biotech Companies, Microbial Physiology, Genetics, Physical Chemistry, Process control, Biomathematics, Bioprocess Engineering, Environment Impact Assessment
3	Marketing, Civil Law, Bioinformatics, Microbial Physiology Practice, Analytical Chemistry, Bioprocess Engineering, Plant Biochemistry and Molecular Biology, Plant Physiology, Genetics, Bio-Physical Chemistry, Colloid and Surface Chemistry, Methods in Spectroscopy, Computer Modeling of Chemical Technology Systems, Process control, Analytical chemistry, Unit operations, Plant Physiology
4	Introduction to Business, Quality Management, Computer Modeling of Chemical Technology Systems, Unit operations, Safety, Research Techniques in Plant Biology, Thesis

Internship, practice:	Students should complete a 6-week practice at a company or research institute related to engineering.
Career prospects:	Graduates can choose from a wide range of career opportunities in different areas of biotechnology according to their field of interest. They can choose to work either in theoretical or practical areas. They will also have the opportunity to work in the field of research and development.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,500 USD/year

Chemical Engineering, BSc



Academic discipline:	Engineering Science
Degree:	Bachelor of Science (BSc)
Qualification:	Chemical Engineer
Duration:	7 semesters
Credits obtained:	The bachelor's degree requires the completion of 210 credits.
Aim of the program:	The objective of the program is to train professionals who possess the foundational knowledge and technical skills that comprise the natural, social and chemical engineering sciences. Students acquire the most essential skills in technology and safety, environmental protection, management, and social sciences. Concrete practical methods as well as the capability to apply acquired skills will help them to get accustomed to the professional requirements and standards of their future workplace. They will be capable of understanding/controlling production processes, providing quality assurance and technical services, and solving tasks regarding planning and development.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics and chemistry (written and oral)
Lecture, Seminar: Practice:	53% 47%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Mathematics, Physics for Engineers, General Chemistry, Economics, Management, State Administration and Law, Engineering Ethics, Inorganic Chemistry, Organic Chemistry
2	Organic Chemistry, Physical Chemistry, Informatics for Engineers, Mechanics for Chemical Engineers, Unit Operations, Macromolecular Chemistry, Colloid Chemistry, Biochemistry, Process Control, Chemical Technology
3	Qualitative and Quantitative Analysis, Materials of Construction, Process Control, Mechanics for Chemical Engineers, Unit Operations, Chemical Technology, Business and Investment Organization, Instrumental Methods of Analysis, Plastics and Processing, Computer Modeling of Chemical Technology Systems, Environmental Technology, Pilot Plant Work
4	Computer Modeling of Chemical Technology Systems, Safety, Thesis

Internship, practice:	Students should complete a 6-week practice at a company or research institute.
Career prospects:	Graduate study opportunities: - MSc programs in development: chemistry, chemical engineering, MSc in materials engineering, MSc in materials science, environmental engineering, environmental science, bioengineering - PhD in chemistry
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,500 USD/year

Civil Engineering, BSc



Academic discipline:	Engineering Science
Degree:	Bachelor of Science (BSc)
Qualification:	Civil Engineer
Duration:	8 semesters
Credits obtained:	The bachelor's degree requires the completion of 240 credits.
Aim of the program:	The objective of the Civil Engineering BSc program is to train civil engineers who are capable of solving complex plan, design, management, operational and construction problems related to civil engineering in the public sector and private industry. Graduates will possess a potential for leadership, an ability to communicate effectively and a capacity to work in a team.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics and physics (written and oral)
Lecture, Seminar: Practice:	49% 51%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Basics of Engineering Calculations, Mathematics, Descriptive Geometry, Technical Drawing, Technical Chemistry, Engineering Physics, Informatics for Engineers, European Studies, Geoinformatics, Urban & Regional Development, Mechanics, State Administration and Law, Quality Management, Hydraulics, Construction Materials, CAD Modelling
2	Mathematics, Mechanics, Introduction to Economics, Geographical Information System (GIS), Hydrology & Hydrogeology, Construction Materials, Geology, Theory of Design, Mechanics, Microeconomics, Basics of Environmental Engineering, Public Works, Geotechnics, Transportation Engineering
3	Quality Management, Water Management & Hydraulic Structures, Geotechnics, Building Construction, Construction Management, Theory of Girders, Design of Buildings, Reinforced Concrete Structures, Steel Structures, FEM Modelling, Timber & Masonry Structures
4	Bridges & Structures, Geotechnics, Thesis

Internship, practice:	Students should complete at least a 6-week practice at a company.
Career prospects:	A civil engineering degree prepares you for work in the construction industry as well as in the business, management and financial sectors. Jobs directly related to the degree include: building control surveyor, consulting civil engineer, contracting civil engineer, design engineer, structural engineer, building services engineer, construction manager.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,500 USD/year

Electrical Engineering, BSc



Academic discipline:	Engineering Science
Degree:	Bachelor of Science (BSc)
Qualification:	Electrical Engineer
Optional specializations:	Information Technology specialization, Automation specialization.
Duration:	7 semesters
Credits obtained:	The bachelor's degree requires the completion of 210 credits.
Aim of the program:	The program provides a comprehensive education that prepares students for a successful engineering practice and/or advanced studies. Students learn about the basic physical laws governing our environment, about material science and technology at the micro- and nanometer level, as well as mathematics and informatics. They acquire practical knowledge in computer engineering and electronic technology, microelectronics and energy systems, optical materials and automation. Apart from basic and applied knowledge, students will be trained in e-commerce, planning, and solving and managing problems efficiently.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics and physics (written and oral)
Lecture, Seminar: Practice:	52% 48%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Mathematics, Physics, Materials Science for Electrical Engineering, Informatics, Programming, Electricity, Introduction to Measurements and Instrumentation, Electronics
2	Mathematics, Basic Environmental Science, Introduction to Economics, EU Studies, Introduction to LabVIEW Programming, Electricity, Electronics, Digital Electronics, Fundamentals of Civil Law, Measurements and Instrumentation, Basics of Circuit Simulation and Design, Intermediate Basic Exam in Electrical Engineering, Microelectronics, Automation
3	Fundamentals of Civil Law, Electronic Technology, Automation, Telecommunication, Electric Power Systems, Intellectual Property Protection, Production and Quality Management
4	Economics of Enterprises, Thesis

Internship, practice:	The summer practice should be carried out at an external professional institution.
Career prospects:	An electrical engineer designs, develops and maintains electrical control systems and components according to required specifications. Graduates can occupy a variety of roles in engineering consultancies, manufacturing, automotive and railway engineering, steel manufacturing, or water companies. Most electrical engineers work in multidisciplinary project teams, which are likely to include engineers from other specialist areas as well as architects, marketing and sales staff, manufacturers, technicians and customer service personnel.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,500 USD/year

Mechanical Engineering, BSc



Academic discipline:	Engineering Science
Degree:	Bachelor of Science (BSc)
Qualification:	Mechanical Engineer
Specializations:	Automotive Production Process Control Specialization/ Building Services Engineering Specialization/ Operation and Maintenance Specialization
Duration:	7 semesters
Credits obtained:	The bachelor's degree requires the completion of 210 credits.
Aim of the program:	The aim of the program is to train mechanical engineers who are able to operate and maintain machines and mechanical systems, introduce and apply engineering technologies, organize and monitor work, and solve standard complex tasks in the field of technological development, research, and design, taking into account the needs of the labor market as well.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics and physics (written and oral)
Lecture, Seminar: Practice:	42% 58%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Mathematics, Engineering Physics, Introduction of Mechanical Engineering, Engineering Informatics, Descriptive Geometry, Materials Engineering, Statics, Technical Chemistry, Technical Drawing and Basics of CAD, Materials Technology and Testing
2	Strength of Materials, Studies of Economy and Law, Microeconomics, CAD Systems, Electro technics and Electronics, Thermodynamics, Dynamics and Vibration, Macroeconomics, Machine Elements, Measurement Technology, Fluid Mechanics
3	Machine Elements, Manufacturing Processes, Applied Automatization Basics of Engineering Management
4	Environmental, Health, Safety and Ergonomic, Courses of Specialization, Optional courses, Thesis

Internship, practice:	Students should complete a 6-week practice at a production company.
Career prospects:	Mechanical engineering graduates are sought by employers in almost all sectors of the engineering industry including the automotive industry, chemicals industry, construction industry, materials and metals industry, oil and gas industry, power generation industry, rail industry, and utilities industry.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,500 USD/year

Mechatronics Engineering, BSc



Academic discipline:	Engineering Science
Degree:	Bachelor of Science (BSc)
Qualification:	Mechatronics Engineer
Specialization:	Specialization in Mechatronic Systems
Duration:	7 semesters
Credits obtained:	The bachelor's degree requires the completion of 210 credits.
Aim of the program:	The objective of the program is to train mechatronics engineers who have the competence to combine engineering with electronics, electrotechnics, and computer control in a synergetic way. Students will able to complete routine design, operation, and maintenance of mechatronic equipment and processes, to introduce and apply mechatronic technologies, to organize energy-efficient and environmental process and production management, and to complete average tasks in engineering development and design considering the needs of the international labour market.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics and physics (written and oral)
Lecture, Seminar: Practice:	39% 61%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Mathematics, Engineering Physics, Informatics, Electromagnetism, Law and Ethics, Basics of Mechatronics, Computer-Aided Modelling, Materials Engineering, Economics for Engineering, Informatics (Labview), Electrotechnics
2	Mathematics, Statics and Strength of Materials, Microeconomics and Economic Processes of Enterprises, Electronics, Mechanical Machines and Machine Elements, Manufacturing Technologies, Dynamics and Vibration, Mechatronic Devices, Measurement and Data Acquisition, Environment, Health and Safety, Ergonomics, Applied Automatization, Pneumatics and Hydraulics
3	Quality and Technical Management, Applied Automatization, Electropneumatics and Electrohydraulics, Modelling and Simulation Prototype Technologies, Robots and Robotic Technology, Electrical Machines and Drives, Thermodynamic Processes, Modelling and Simulation Prototype Technologies, Caxx Techniques, Cyber-Physical Systems
4	Project of Mechatronics, Thesis

Internship, practice:	Students should complete a 6-week practice at a production company.
Career prospects:	Mechatronics engineering has a wide range of application in the business and industrial sectors. Graduates of mechatronics engineering can work in the fields of robotics, nanotechnology, automation, aircraft engineering, oceanography, oil and gas industry, biomedical systems, transport, and computer-aided design.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,500 USD/year

Professional Pilot, BSc



Academic discipline:	Engineering Science
Degree:	Bachelor of Science (BSc)
Qualification:	Professional Pilot
Duration:	7 semesters
Credits obtained:	The bachelor's degree requires the completion of 210 credits.
Aim of the program:	The main objective of the professional pilot program is to give the applicants the knowledge and skills that make the passing of the ATPL (Airline Transport Pilot License) integrated training manual and academic licensing of the National Transport Authority and Aviation Authority possible without any further education. Our aim is to train professionals who are capable of working for aviation companies as professional pilots, who understand aviation, traffic, air operation and ground handling assignments and tasks, who can manage valid quality control tasks, and who have met requirements of the ATP (A) (Airline Transport Pilot, Aircraft) integrated training. Our future graduates understand and excel in the usage of the English language professionally as per the 1178/2011(2011.11.03.) EU ordinate.
Entry requirements:	- Entry requirements: 12 years of education with grades 80% or above, or grades BBB at A level including mathematics and physics - Language requirements: English IELTS 6.0 or equivalent - Health: valid Class 1 Medical Certificate (see on EASA website)
Lecture, Seminar: Practice:	40% 60%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Mathematics, Statics and Strength of Materials, Engineering Physics, Thermodynamics and Fluid Mechanics, Informatics for Engineers, Basics of Aviation, Theoretical Knowledge of the Airline Transport Pilot Licence (ATPL), Dynamics and Vibration, Aviation Terminology, Aircraft Technology, Aircraft General Knowledge - Airframe, Systems, Power Plants (ATPL), Internship
2	Electrotechnics and Electronics, Aviation Terminology, Descriptive Geometry, Mechanical Machines and Machine Elements, Mechatronic Devices, Theoretical Knowledge of Airline Transport Pilot Licence (ATPL), Aircraft General Knowledge - Airframe, Systems, Power Plants (ATPL), Air Law (ATPL), Flight Training, Economics for Engineers, Materials Engineering, Manufacturing Technologies, Technique of Measurement, Human Performance (ATPL), Meteorology (ATPL), Flight Planning and Monitoring (ATPL), Operational Procedures (ATPL), Internship
3	Microeconomics and Economical Processes of Enterprises, Quality and Technical Management, Environmental Protection and Dangerous Goods, Aviation Terminology, Flight Training, Meteorology (ATPL), General Navigation (ATPL), Radio Navigation (ATPL), Environment, Health and Safety, Ergonomics (Basics of EHS), Aircraft General Knowledge-Instrumentation (ATPL), Mass and Balance (ATPL), Performance (ATPL), Communication VFR, IFR (ATPL), Internship
4	Flight Training, Type Rating, Radiotelephony, Thesis

Internship, practice:	Professional Pilot BSc students have to complete three summer internships lasting three, four, and five weeks.
Career prospects:	Those who pursue this degree program will be able to fly an aircraft in civil aviation, hold a management position in a department (e.g. flight operations, ground operations, flight safety, or compliance manager) after further training and considerable amount of practice or manage flights as an instrument-rated commercial pilot (with commercial pilot licence/instrument rating, CPL/IR) in accordance with aviation regulations and rules of the air. The degree offers the opportunity to advance to master's level study.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 120,000 USD (full program with type rating)

Vehicle Engineering, BSc



Academic discipline:	Engineering Science
Degree:	Bachelor of Science (BSc)
Qualification:	Vehicle Engineer
Duration:	7 semesters
Credits obtained:	The bachelor's degree requires the completion of 210 credits.
Aim of the program:	The purpose of the program is to train vehicle engineers who are able to accomplish basic engineering tasks related to the design, manufacturing, systems thinking perspective of operation, and the repair of automotive, railway, naval and air vehicles, vehicle systems, construction and material handling machines and mobile machinery, considering the technicalities of transportation and logistics. They perform these tasks in accordance with the ruling principles of safety, environmental protection and power management. Students will be prepared to continue their studies at Master's (MSc) level.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics and physics (written and oral)
Lecture, Seminar: Practice:	40% 60%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Mathematics I-II, Mathematics Comprehensive Exam, Engineering Physics, Technical Chemistry, Statics and Strength of Materials, Materials Engineering, Micro- and Macroeconomics, Programming, Basic Theory of Vehicle Engineering, Vehicles and Mobile Machinery, Technical Drawing I-II., Electronics and Electrotechnics
2	Mathematics III, Dynamics and Vibration, Thermodynamics, Fluid Mechanics, Business Law, Management and Business Economics, Systems of Quality Management, Vehicle and Drive Elements I-II., Vehicle Materials and Technologies, Vehicle Manufacturing and Repair, Measurement Technology, Control Theory I.
3	Thermodynamics and Fluid Machines of Vehicles, Vehicle Design and Diagnostics, Applied Automation, Control Theory II, Electric Machines and Drives, Materials of Vehicles, Vehicle Manufacturing I-II., Quality Assurance in Manufacturing Processes, Manufacturing Planning and Lean Management, Vehicle Diagnostics, Vehicle Powertrain Systems, Vehicle Suspensions, Automotive Engines, Automotive Electronics and Mechatronics, Automotive Operation Systems, Aerodynamics and Flight Mechanics, Aircraft Constructions, Aircraft Engines I-II., Aircraft Systems and Avionics, Aircraft Operations and Airworthines
4	Group Project for Vehicle Engineers, Special Aircraft, Thesis

Internship, practice:	Students should complete a 6-week professional practice.
Career prospects:	As a vehicle engineer, you will be able to choose from a range of career options. It's possible to advance in engineering roles related to vehicle operation, maintenance and design or in the fields of transportation, management and logistics.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition fee: 6,500 USD/year



Physiotherapy, BSc

Academic discipline:	Medical and Health Sciences
Degree:	Bachelor of Science (BSc)
Qualification:	Physiotherapist
Duration:	8 semesters
Credits obtained:	The bachelor's degree requires the completion of 240 credits).
Aim of the program:	The curriculum of the BSc in physiotherapy program aims to prepare students for the prevention, treatment and rehabilitation of movement system disorders and other diseases using the therapeutic tools of physiotherapy.
Entry requirements:	- high school certificate - English language proficiency (CEFR level B2, assessed at the compulsory entrance interview) - entrance interview
Lecture, Seminar: Practice:	43% 57%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Basics of Physiotherapy, Anatomy of the Skeletal System for Physiotherapists, Basics of Pedagogy, Basics of Psychology, Basics of Sociology, General Principles in Health Care & Nursing, Bioethics, Biophysics, Health Informatics, First Aid, Communication, Microbiology, Medical Latin, Anatomy, Histology and Embryology for Physiotherapists, Cell Biology, Biomechanics, Electro-, Balneo, Hydro- and Climatotherapy (EBHCT), Economics and Management, Genetics and Molecular Biology, Kinesiology, Physiology, Hungarian Language
2	Basic Biochemistry, Physiology, Philosophy, Kinesiology, Hungarian Language, Clinical Propedeutics, Applied Training Methods, Basics of Internal Medicine, Biochemistry, Basics of Dietetics, Health Care Law, Principles of Health Sciences, Gerontology, Basics of Research Methodology, Principles of Kinesiology, Kinesiology Practice, Mobilization-Manual Techniques
3	Internal Medicine for Physiotherapists, Pharmacology, Preventive Medicine & Public Health, Neurology for Physiotherapists, Orthopaedics for Physiotherapists, Pathology, Psychiatry, Rheumatology for Physiotherapists, Professional and Scientific Orientation, Obstetrics and Gynaecology for Physiotherapists, Traumatology for Physiotherapists, Professional Hungarian Language, Infant Care and Paediatrics for Physiotherapists, Infant Care and Paediatrics Clinical Practice, Physiotherapy Principles of Internal Medicine, Physiotherapy of the Movement System, Radiology and Diagnostic Imaging for Physiotherapists
4	Health Promotion in Primary Care, Intensive Therapy for Physiotherapists, Physiotherapy Principles of the Movement System, Neurology for Physiotherapists, Psychiatry, Rehabilitation Skills, Rheumatology for Physiotherapists, Internal Medicine Clinical Practice, Neurology Clinical Practice, Rehabilitation Clinical Practice, Orthopaedics Clinical Practice, Rheumatology Clinical Practice, Traumatology Clinical Practice, Thesis

Internship, practice:	The duration of the internship is 14 weeks.
Career prospects:	The degree will open up a range of career opportunities in the following fields: health services, providing therapy and rehabilitation for a broad scale of diseases, institutions offering balneo- and hydrotherapy, home care, private sector, prevention and other healthcare-related fields.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year



Nursing, BSc

Academic discipline:	Medical and Health Sciences
Degree:	Bachelor of Science (BSc)
Qualification:	Nurse
Duration:	8 semesters
Credits obtained:	The bachelor's degree requires the completion of 240 credits.
Aim of the program:	The goal of the nursing degree program is to train professionals who possess high level professional knowledge, who take up the responsibility to provide nursing for individuals, families and communities, who are able to do their best in health care and rehabilitation, who can make decisions in preventive care, curing, nursing care and rehabilitation at all levels of health and social provision.
Entry requirements:	- high school certificate - English language proficiency (CEFR level B2, assessed at the compulsory entrance interview) - entrance interview
Lecture, Seminar: Practice:	43% 57%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	General Principles of Health Care and Nursing, Biophysics, Imaging Diagnostic Techniques and Technical Basics, Biochemistry, Theoretical Psychology, First-aid Application, Functional Anatomy, Hungarian Language, Health Informatics, Law in Health Sciences Training, Latin, Health Development (Pedagogy and Health pedagogy), Physiology-Pathophysiology, Microbiology, Pathology
2	General Principles of Health Care and Nursing, Internal Medicine, Physiology-Pathophysiology, Pharmacology, Hungarian Language, Health Informatics, Basics of Research Methods, Preventive medicine and public health, Health Development, Gerontology, Paediatrics, Skill Development, Clinical Practice, Surgery, Professional Care
3	Internal Medicine, Internal Medicine and Nursing, Paediatrics, Clinical Practice, Surgery Professional Care, Psychiatry, Surgery and Nursing, Professional Care, Dietetics, Neurology, Gynecology, Obstetrics
4	Anaesthesiology and Intensive Care, Clinical Practice, Community Medication, Oxiology and Emergency Patient Care, Rehabilitation, Professional Care, Thesis

Internship, practice:	The duration of the internship is 48 weeks.
Career prospects:	The nurses may be located in healthcare, various public and private health care facilities, hospitals, clinics, nursing homes, rehabilitation centers and other areas of social and educational sectors as well as charitable organizations as well. Based on their acquired knowledge the graduates can continue their education in doctoral programs.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition fee: 6,500 USD/year



Public Health, BSc



Academic discipline:	Medical and Health Sciences
Degree:	Bachelor of Science (BSc)
Qualification:	Public Health Supervisor
Duration:	8 semesters
Credits obtained:	The bachelor's degree requires the completion of 240 credits.
Aim of the program:	The aim of the BSc in public health program is to provide students with solid knowledge of the discipline, so that they understand the basic concepts of public health and are able to suggest solutions to public health challenges.
Entry requirements:	- high school certificate - English language proficiency (CEFR level B2, assessed at the compulsory entrance interview) - entrance interview
Lecture, Seminar: Practice:	72% 28%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	First Aid, Health Informatics, Medical Latin, General Principles in Health Care & Nursing, Basics of Pedagogy, Philosophy, Basics of Psychology, Basics of Sociology, Ecology, Bioethics, Mathematical Basics of Biostatistics, Health Antropology, Communication, Cell Biology, Economics and Management, History of Public Health, Health Psychology, Health Sociology, Hungarian Language, Introduction to Public Health, Biostatistics, Genetics and Molecular Biology, Anatomy, Physiology
2	Hungarian Language, Basic Epidemiology, Immunology, Intoduction to Law, Microbiology, Public Health Medicine, Clinical Propedeutics, Biochemistry, Epidemiology of Communicable and Non-communicable Diseases, Terrestrial Environmental Protection, Environmental Health
3	Aquatic Environmental Protection, Epidemiology of Communicable and Non-communicable Diseases, Health Care Law, Health Promotion and Health Policy, Occupational Health, Pharmacology, Public Health Medicine, Basics of Research Methodology, Child and Adolescent Health, Field and Laboratory Practice, Professional Hungarian, Basics of Dietetics, Gerontology
4	Field and Laboratory practice, Health Care Law, Health Promotion, Health Promotion in Primary Care, Nutritional Health and Food Safety, Professional Hungarian, Applied Epidemiology, Basics of Quality Assurance, Field and Laboratory Practice, Thesis

Internship, practice:	The duration of the internship is at least 10 weeks.
Career prospects:	The degree will open up a range of career opportunities in the following fields: - health services, research, surveillance, health promotion and/or enviromental health among other areas. - public health and related agencies such as cancer registries, food safety authorities, disease screening programs, community development, international aid agencies, the private sector with the pharmaceutical industry and management consultancies.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year

English and American Studies, BA



Academic discipline:	Humanities
Degree:	Bachelor of Arts (BA)
Qualification:	Philologist in English and American Studies
Specialization:	English Linguistics and Communication Track, British Literature and Culture Track, North American Studies, Business English Specialization
Duration:	6 semesters
Credits obtained:	The bachelor's degree requires the completion of 180 credits.
Aim of the program:	The aim of the program is to provide our students with a range of practical skills and theoretical tools in the area of English language, cultures and literatures so that they can utilise and adapt their acquired knowledge in relevant fields in their future job.
Entry requirements:	- high school certificate - English language proficiency (IELTS 6.0 or equivalent) - entrance examination in English (oral, in person or via electronic communication)
Lecture, Seminar: Practice:	25% 75%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	The Structure of English: The Noun Phrase and The Verb Phrase, Skills Development: Reading & Speaking, Skills Development: Writing & Composition, English Pronunciation, Grammar in Context, British Civilization, Aspects of English, Introduction to Hungarian Culture, Targeting the Verb Phrase, Essay Writing and Research, Vocabulary Building, Advanced Writing & Composition, Skills Development: Speaking & Listening, American Civilisation, History of the British Isles
2	Targeting the Noun Phrase, Introduction to Linguistics, The English Sentence, Introduction to Literature and Visual Culture, American Literature, American Culture and Institutions, Modern British Literature and Culture, Introduction to Literature and Culture, British Literature to 1945, Introduction to Applied Linguistics, History of the USA, British Literary Seminar, Challenging Grammar + the subjects of the Business English specialization
3	The subjects of one of the following tracks: a) British Literature and Culture, b) Linguistics and Communication or c) North American Studies; Thesis

Internship, practice:	N/A
Career prospects:	Graduates are able to work in business and governmental organizations, media, publishing, tourism, diplomacy, etc. Graduated students holding a Bachelor of Arts degree in English and American studies are eligible for admission to the English studies MA and American studies MA programs.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 5,500 USD/year

Business Informatics, BSc



Academic discipline:	Computer Science and Information Technology
Degree:	Bachelor of Science (BSc)
Qualification:	Business Informatics Engineer
Duration:	7 semesters
Credits obtained:	The bachelor's degree requires the completion of 210 credits.
Aim of the program:	The Business Informatics BSc program trains professionals who bridge the gap between the developers of business software and their users. During their training students learn how to implement their knowledge in the fields of economics and IT. As a result, they will be able to understand both software development and business and financial processes, and consequently, after graduation they will be able to solve business problems supported by info-communication technologies and to operate business IT systems. Moreover, they will be able to cooperate with economics and business professionals, partners, and software developers. This major prepares business informatics students for working in a business environment rich in data and enables them to acquire certification in business information technology. Besides this, students have the opportunity to study the most important modules of software produced by SAP, the top company producing business management software. Such knowledge will give students a profitable advantage in the labor market.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics (written and oral)
Lecture, Seminar: Practice:	49% 51%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Introduction to Management, Fundamentals of Business Law, Microeconomics, International Financial Accounting, Introduction to Programming, Operating Systems, Data Management, Copyright Law, Data Structures and Algorithms, Programming 1
2	Macroeconomics, Introduction to Finance, Organizational Behaviour, Marketing, Programming 2, Database Systems, Information and Knowledge Management, Data Management, Business Intelligence in Practice
3	Management Science, Developing Data Handling Programs, Fundamentals of Software Development and Software Testing, Foundations of Computer Security, Financial Mathematics, Introduction to SAP - End user level, Advanced Spreadsheets, Big Data Analytics, Data Visualization, Computer Statistics, Corporate Finance, Strategic Management, Introduction to SAP - Developer level, International Business, Decision Support Systems
4	Advanced Data Security, Digital Marketing, Foundations of Artificial Intelligence, Management of Value Creating Processes, Thesis

Internship, practice:	Students should complete an 8-week internship either at the university working on research projects or at a multinational or local company.
Career prospects:	The following career prospects are the most probable: company management system supporter, business analyzer, financial report developer, system administrator, business data system developer and tester. A successful applicant for a position should be excellent at such basic technologies as MySQL or MS SQL database, Unix/Linux, and Windows operating systems. After gaining appropriate experience business informatics graduates can succeed in applying for the position of manager at smaller enterprises.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year

Computer Science, BSc



Academic discipline:	Computer Science and Information Technology
Degree:	Bachelor of Science (BSc)
Qualification:	Computer Scientist
Duration:	6 semesters
Credits obtained:	The bachelor's degree requires the completion of 180 credits.
Aim of the program:	Computer Science BSc students acquire knowledge that enables them to create, introduce, operate, service, develop and implement software-oriented IT devices and systems on their own or as members of a team. They learn how to design, analyse and apply algorithms using the most important paradigms, and study basic software development methodologies and technologies. They receive instruction in the skills of data modelling and designing, creating and modifying databases; furthermore, they will learn the use of SQL and will be capable of applying the methods and tools of artificial intelligence, logical programming, using divided systems, and developing websites. The theoretical and practical knowledge that students acquire during their studies makes it possible for them to start MSc courses. The ones who decide to start working after graduation will most likely develop and operate mobile, desktop, server web and multimedia applications and IT systems.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics (written and oral)
Lecture, Seminar: Practice:	51% 49%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Computer-Aided Mathematics and Visualization, Discrete Mathematics, Introduction to Programming, Logic in Computer Science, Operating Systems, Calculus, Network Architectures and Protocols, Database Systems, Database Systems Lab, Data Structures and Algorithms, 3D printing and modeling, Cloud Computing, Basics of GIS
2	High-Level Programming Languages, Web Technologies, Introduction to Computer Science, Applied Statistics, Software Engineering and Technologies, Foundations of Artificial Intelligence, Foundations of Computer Security, Applied Mathematics, Bioinformatics, E-Sports, Operation of Info-communication Systems, Image Processing in Practice, High-Level Programming Languages 3, Introduction to 3D Game Development, Compilers, Machine Learning in Practice, Advanced Database Knowledge, NoSQL Databases
3	Web Application Development, Software Development Methodologies, Computer Statistics, Software Testing, Advanced Data Security, Advanced Web Technologies, Thesis

Internship, practice:	Students should carry out an 8-week internship either at the university working in research projects or at a multinational or local company.
Career prospects:	Computer Science BSc graduates can find positions as junior software developers at software development companies where C, C++, Java, Javascript, C#, .NET, PHP, Python, SQL, etc. are required. In some years, after gaining practical experience they can become senior software developers, or they can specialize in different fields such as mobile development, databases, IT system programming, graphics development, game programming, etc. In the long run they can be promoted to management positions provided they are suitable for such positions and they take part in post-graduate trainings.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year

Computer Science Engineering, BSc



Academic discipline:	Computer Science and Information Technology
Degree:	Bachelor of Science (BSc)
Qualification:	Computer Science Engineer
Duration:	7 semesters
Credits obtained:	The bachelor's degree requires the completion of 210 credits.
Aim of the program:	The Computer Science Engineer BSc belongs to the field of informatics training; however, it is also characterized by an engineering approach. Computer science engineer BSc students acquire appropriate knowledge that enables them to implement and operate information and technical information systems and services, and to carry out developments on them. They study the technical elements of information and infrastructure systems such as computers, telecommunication networks, embedded systems, measurement and management technology solutions, and operating systems. They also study practical engineering methods, the application of software development methodology, and the use of development tools.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics and physics (written and oral)
Lecture, Seminar: Practice:	50% 50%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Algorithms and Basics of Programming, Electronics, Physics, Calculus, Mathematics for Engineers, Introduction into Logic and Computer Science, Data Structures and Algorithms, Probability Theory and Mathematical Statistics, Digital Design, Digital Design Laboratory, Programming Languages, Computer Architectures
2	Probability Theory and Mathematical Statistics, Economics, Signals and Systems, Introduction to Graphical Programming Environment, Programming Languages, Computer Networks Management of Data Network Systems, Operating Systems, System Programming, Control Systems, Software Development for Engineers, Enterprise Information Systems, Web Solutions, Microcontrollers
3	Introduction into Artificial Intelligence, Assembly Programming, Embedded Systems, Modeling and Analysis of Information Technology Systems, Mobile Solutions, Fundamentals of Business Law, Management Basics for Engineers, Database Systems and Knowledge Representation, IT Security, Computer Graphics, Programming Network Devices 1, Programmable Logic Devices, Development of Embedded Systems, Programming Network Devices 2, Modeling and Performance Evaluation of Networks, Telecommunication Systems
4	Sensors and Actuators Network, Thesis

Internship, practice:	Students should complete an 8-week internship either at the university working on research projects or at a multinational or local company.
Career prospects:	There has been a great demand for Computer Science Engineer BSc graduates in the labour market for years. They can easily find work in the sectors of production, services, civil service, banking, commerce, or enterprises. According to their specialization, they can choose to work as system designers and developers, programmers, software developers, web designers, data-base developers, corporate management IT professionals, or system administrators.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year

Musical Creative Art and Musicology, BA



Degree:	Bachelor of Arts (BA)
Qualification:	Music Theoretician Music Assistant
Specialization:	Music Theory General Studies in Music
Duration:	6 semesters
Credits obtained:	The bachelor's degree requires the completion of 180 credits.
Aim of the program:	The BA in musical creative art and musicology aims to educate musicians who - with their performing skills, theoretical knowledge, and highly developed musical abilities - enrich and spread Hungarian and European music culture. They can enrich the repertoire of musical knowledge with sophisticated music taste and are able to work in music institutions and at other occupations which require music education.
Entry requirements:	- high school certificate - English language proficiency - entrance examination (more information: www.music.unideb.hu)

Main subjects typically include (this list is indicative and may change):

Main subjects	Music Theory, Solfeggio
Other subjects	History of Music, Folk Music, Philosophy, Art History, Acoustics, Repertoire Studies, Choral Conducting, Transposing and Score Reading, Composition, Choir, Piano, Voice, Thesis

Career prospects:	Graduates are able to work at music institutions and at other occupations which require music education. Having achieved a high standard of knowledge, they can continue their studies in one of the MA specializations.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition fee: 8,500 USD/year

Classical Performing Arts (Music), BA



Degree:	Bachelor of Arts (BA)
Qualification:	Classic Instrumental Music Performer Classical Music Singer Choral Conductor
Specialization:	classical piano, organ, guitar, violin, viola, cello, double bass, recorder, flute, oboe, clarinet, saxophone, bassoon, French horn, trumpet, trombone, tuba, percussions, singing, choral conducting
Duration:	6 semesters
Credits obtained:	The bachelor's degree requires the completion of 180 credits.
Aim of the program:	To educate musicians who - with their performing skills, theoretical knowledge, and highly developed musical abilities - enrich and spread the Hungarian and European music culture. They can enrich the repertoire of musical knowledge with their sophisticated music taste and are able to work in music institutions, professional performance ensembles and in other occupations which require music education.
Entry requirements:	- high school certificate - English language proficiency - entrance examination (more information: www.music.unideb.hu)
Subjects	<i>Main subjects typically include (this list is indicative and may change):</i> Instrumental / Vocal/ Conducting Technique and Performance History of Music, Music Theory, Solfeggio, Folk Music, Acoustic, Philosophy, Art History, Repertoire Studies, Orchestra/Choir, Piano, Chamber Music, Methodology, Stage Practice (in vocal area)
Career prospects:	Graduates are able to work at music institutions, professional performance ensembles and at other occupations which require music education. Having achieved a high standard of knowledge, they can continue their studies in one of the MA specializations.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 8,500 USD/year

Biology, BSc



Academic discipline:	Natural Sciences
Degree:	Bachelor of Science (BSc)
Qualification:	Biologist (with Bachelor of Science Degree)
Duration:	6 semesters
Credits obtained:	The bachelor's degree requires the completion of 180 credits.
Aim of the program:	The aim of the program is to provide students with basic knowledge in the most important biological fields. Students will attain skills in the fundamental methods of laboratory and applied biology and come to understand the most important processes of biochemistry, cytology and components of living organisms. The Biology BSc program covers a broad range of biological science including the most important concepts in modern biology; the biological levels of organization; the fundamental principles of structure and function and the development of ecosystems.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in Biology, Mathematics (written and oral)
Lecture, Seminar: Practice:	58% 42%
<i>Main subjects typically include (this list is indicative and may change):</i>	
Year	Main subjects
1	Quality Assurance, Basic Statistical Information, Introduction to Biological Chemistry, Fundamentals of Biology, Introduction to Chemistry, Basic Environmental Science, Plant Organology and Anatomy, Analytics, Introduction to Molecular Biology, Biotechnology, Introduction to Ecology, Plant Taxonomy, Animal Taxonomy, Fundamental Biochemistry, General Microbiology, Basic Ecology, Mycology, Hydrobiology
2	Analytics, Plant Taxonomy, Animal Taxonomy, Fundamental Biochemistry, Cell biology, Plant Physiology, General Microbiology, Biotechnology, Basic Ecology, Biogeography, Environmental protection, Ethology, Mycology, Hydrobiology, Bioinformatics, Animal Physiology, Genetics, Molecular biology, Biotechnology, Plant physiology, Microbiology,
3	Human Biology, Genetics, Evolutionary Biology, Population Genetics, Environmental protection, Animal physiology, Microbiology, Thesis
Internship, practice:	Students should complete a 6-week practice at a company or research institute.
Career prospects:	Graduates may go on to a variety of subject-specific careers in research laboratories, educational institutions, hospitals, clinics, environmental agencies, and pharmaceutical, food, agricultural and chemical companies. Graduate study opportunities: MSc programs: molecular biology, biology, bioengineering, environmental science.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year

Chemistry, BSc



Academic discipline:	Natural Sciences
Degree:	Bachelor of Science (BSc)
Qualification:	Chemist (with Bachelor of Science Degree)
Duration:	6 semesters
Credits obtained:	The bachelor's degree requires the completion of 180 credits.
Aim of the program:	The aim of this study program is the training of chemists possessing theoretical and practical knowledge in chemistry as well as satisfactory basic knowledge in related fields of science (e. g. mathematics, physics, informatics, biology) and at least one foreign language. Degree holders will be able to apply their knowledge in recognizing and solving practical problems in industrial chemical production, in analytical, agricultural, and quality assurance laboratories, as well as in various fields of administration and environmental protection.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in chemistry, mathematics (written and oral)
Lecture, Seminar: Practice:	61% 39%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Mathematics, Physics for Engineers, History and Structure of the EU, Enviromental Science, Basic Chemical Informatics, General Chemistry, Topics in Modern Chemistry, Inorganic Chemistry, Organic Chemistry, Introductory Physical Chemistry Laboratory, Nuclear Chemistry
2	Economics and Management, Inorganic Chemistry, Physical Chemistry, Organic Chemistry, Analytical Chemistry, Separation Techniques, Chemical Technology, Spectroscopy, Colloid Chemistry, Industrial Placement
3	Quality Management, Organic Chemistry, Biochemistry, Chemical Technology, Environmental Chemistry and Technology, Thesis, Visits at Chemical Companies, Thesis

Internship, practice:	N/A
Career prospects:	Graduates with a bachelor's degree in chemistry will find themselves qualified for entry-level positions as clinical laboratory technologists, chemists, or materials scientists. Graduate study opportunities: MSc programs in chemistry, chemical engineering, molecular biology.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year

Earth Sciences, BSc



Academic discipline:	Natural Sciences
Degree:	Bachelor of Science (BSc)
Qualification:	Earth Scientist
Duration:	6 semesters
Credits obtained:	The bachelor's degree requires the completion of 180 credits.
Aim of the program:	Earth scientists research the specific and complex earth system, studying its composition, structure, history, material and energy flow and transformation processes, raw material and energy resources to be utilized, and values to be protected together with features and processes that may prove to be hazardous for mankind. Earth scientists aim to understand both the long-term and short-term results of global and regional natural and anthropogenic processes. The numerous applied fields of earth sciences (e.g. raw material exploration, water supply protection, volcanology, seismology, weather forecasting, alternative and renewable energy resources) fundamentally influence the quality of our everyday life, as well as technology in our civilization and our relationship with the natural environment.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in Geography and Mathematics (written and oral)
Lecture, Seminar: Practice:	65% 35%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Fundamentals of Mathematics, Fundamentals of Physics, Basics of the Environment, Mineralogy and Geology, Basics of Biology, Basics of Computer Science, Introduction to Chemistry, European Union Studies, General and Historical Geology, Earth Sciences fieldwork, Physical Geography, Basics of Environmental Protection, Soil Geography, Introduction to Ecology
2	Structural Geology, Physical Geography, Cartography, Biogeography, Atmospheric Resources Hydrology and Hydrogeology, Geology and Physical Geography, Climate
3	Geothermics, Surface Analyses, Thesis

Internship, practice:	Students should complete a 2-6-week practice at an external company, institution, university or research laboratory.
Career prospects:	With a Bachelor of Science (BSc) in earth sciences, students can find a position in a number of sectors and industries including environmental consulting firms, oil companies, or research institutes.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year

Geography, BSc



Academic discipline:	Natural Sciences
Degree:	Bachelor of Science (BSc)
Qualification:	Geographer
Duration:	6 semesters
Credits obtained:	The bachelor's degree requires the completion of 180 credits.
Aim of the program:	The geography BSc program trains professional geographers who have deep insight into spatial processes. Relying on their strong geoinformatical knowledge base, graduates of the program are able to understand natural, environmental, technical and social phenomena and to develop applied science-based solutions.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in Geography and Mathematics (written and oral)
Lecture, Seminar: Practice:	61% 39%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Basic of the Environment, European Union Studies, Basics of Geology, Basics of Geology practical, Cartography, Orientation and Navigation, Population and Settlement Geography, Meteorology and Climatology, Basics of Computer Science, Introduction to Sociology, General and Historical Geology, Geoinformatics, Physical Geography, Soil Geography, Basics of Environmental Protection, Regional and Urban Development, Basics of Tourism, Field trip
2	Structural Geology, Physical Geography, Biogeography, Fundamentals of the Economic Geography, EU Policies, Geographical Research Methods, Geology and Physical Geography, Social Geography, Physical Geography of Europe, Human Geography of Europe
3	Economic Basis of Geography, Fundamentals of Political Geography, Physical Geography of the World, Social Geography of the World, Field Trip, The History of the Geographical Mind, Thesis

Internship, practice:	Students should complete a 6-week practice at an external company or institution.
Career prospects:	Graduates can choose from a wide range of career opportunities including working as an environment assistant for the Environment Agency, government researcher, resource planner, or in business development.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year

Mathematics, BSc



Academic discipline:	Natural Sciences
Degree:	Bachelor of Science (BSc)
Qualification:	Mathematician
Duration:	6 semesters
Credits obtained:	The bachelor's degree requires the completion of 180 credits).
Aim of the program:	The program provides students with knowledge of basic elements of the most important mathematical fields. Students of mathematics will attain skills in fundamental methods of applied mathematics which are useful for technical, economical, statistical and computer modeling. The Mathematics BSc program provides a standard of knowledge and competence to students that will make them eligible for second cycle course units or degree programs.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics (written and oral)
Lecture, Seminar: Practice:	62% 38%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Basics of Mathematics, Introduction to Algebra and Numbers, Linear Algebra, Combinatorics and Graph Theory, Sets and Functions, Geometry, Algebra, Introduction to Analysis
2	Algebra, Number Theory, Differential and Integral Calculus, Computer Geometry, Linear Programming, Differential and Integral Calculus in Several Variables, Measure and Integral Theory, Applied Number Theory, Algorithms in Algebra and Number Theory, Numerical Analysis
3	Ordinary Differential Equations, Differential Geometry, Probability Theory, Introduction to Cryptography, Economic Mathematics, Nonlinear Optimization, Vector Analysis, Statistics, Analysis with Computer, Computer Statistics, Thesis

Internship, practice:	N/A
Career prospects:	A mathematician can be employed in various industries. Undergraduate and master's degrees will suffice for most government and teaching jobs in this fast-growing field, and doctorates allow for research positions at private businesses. Graduate study opportunities: MSc in mathematics, MSc in applied mathematics, MSc in software engineering.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year

Physics, BSc



Academic discipline:	Natural Sciences
Degree:	Bachelor of Science (BSc)
Qualification:	Physicist (with Bachelor of Science degree)
Duration:	6 semesters
Credits obtained:	The bachelor's degree requires the completion of 180 credits.
Aim of the program:	Students of the Physics BSc program obtain a thorough training in subject areas pertaining to Physics – from mechanics to particle physics. They learn about the physical laws governing our environment and get acquainted with the basic constituents and structure of matter. During the BSc program they acquire practical knowledge in physics, computing, and technology. Apart from learning about physics, students will learn how to think and plan logically and solve problems efficiently.
Entry requirements:	- high school certificate - English language proficiency (TOEFL 513 /IELTS 5.5/oral examination) - entrance examination in mathematics and physics (written and oral)
Lecture, Seminar: Practice:	64% 36%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Mathematics in Physics, Basics of Measurement and Evaluation, Differential and Integral Calculus, Linear Algebra, Classical Mechanics, Basic Computer Skills in Physics, Thermodynamics, Thermodynamics practicals, Optics, Mechanics, Laboratory practical: Mechanics, Optics, Thermodynamics, Differential and Integral Calculus of Multivariable Functions
2	Condensed Matter, Electromagnetism, Ordinary Differential Equations, Probability Theory and Statistics, Laboratory practical: Mechanics, Optics, Thermodynamics, Introduction to Electronics, Atomic and Quantum Physics, Mechanics, Electrodynamics, Electrodynamics practicals, Condensed Matter Laboratory Practices
3	Introduction to Electronics, Condensed Matter, Quantum Mechanics, Nuclear Physics, Basic Environmental Sciences, Statistical Physics, Statistical Physics practicals, Fundamental Interactions, Atom and Nuclear Physics laboratory work, Thesis

Internship, practice:	Students should complete a 6-week practice at an external company or institution.
Career prospects:	The solid basic education in natural sciences that our Physics BSc program provides is a foundation for further studies not only in physics, chemistry, and biology, but also in engineering, informatics, and economics.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 6,000 USD/year





One-tier medical programs





Academic discipline:	Medical and Health Science
Degree:	Master degree in Dentistry (MSc)
Qualification:	"Dentist". The certificate is a document verifying the awarding of a dental degree, abbreviated as dr. med. dent. (D.M.D.)
Duration:	10 semesters
Credits obtained:	Minimum number of credits needed to earn the D.M.D. degree: 300 credits.
Aim of the program:	The five year program has been carefully structured and designed to ensure the high standard of knowledge, skills, and responsibility of dental surgeons. To treat patients successfully and safely students must have sufficient motor skills to work with hand and electric instruments. Students must be able to perform palpation, percussion, auscultation and other diagnostic procedures. Students must have reliable gross and fine motor skills, sense of touch and vision. Students are required to be capable of operating all dental equipment, including both high- and low-speed handpieces. Students must be able to take an accurate dental and medical history from the patient. Students must be able to analyze and interpret X-ray and radiographic images necessary for proper diagnosis. Students must be able to perform a visual and tactile dental examination including the observation shape, color, and abnormalities both extra and intraorally. Students must be able to discuss problems and treatment with the patients, gather and exchange information, give directions during treatment and give advice to the patients. Students must have positive personal qualities such as respect, understanding, and concern for others and also must exhibit professional doctor behavior.
Entry requirements:	- high school certificate - entrance examination in biology and physics/chemistry (written and oral) or successful completion of the Basic Medicine Course at the University of Debrecen
Lecture, Seminar: Practice:	42% 58%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Biophysics, Biostatistics, Hungarian Language, Medical Chemistry, Medical Psychology, Odontology, Cell Biology, First Aid and Resuscitation, Medical Genetics, Molecular Biology, Oral Anatomy, Histology, Embryology, Preventive Dentistry
2	Biochemistry, Dental Physiology, Hungarian Language, Introduction to Prosthodontics, Dental Materials, Oral Anatomy, Histology, Embryology, Biochemistry, Introduction to Fixed Prosthodontics, Neurobiology
3	Clinical Biochemistry, Dental Microbiology, Dosimetry, Radiation Health Effects, General Pathology, Hungarian Language, Immunology, Propedeutics and Technology of Total and Partial Removable Dentures, Odontotechnology, Oral Biology, Periodontology Propedeutics, Restorative Dentistry, Basic Surgical Techniques, Bioethics, Clinical Biochemistry, Introduction to Dental Radiology, Propedeutics and Technology of Fixed Prosthodontics, Medical Psychology, Oral Surgery Propedeutics, Organ and Oral Pathology
4	Complex Dentistry, Dental Pharmacology, Dermatology, Internal Medicine, Oral Surgery, Orthodontics, Otolaryngology, Periodontology, Preventive Dentistry, Preventive Medicine and Public Health, Prosthetic Dentistry, Restorative Dentistry, Surgery, Digital Dentistry, Emergency Medicine, Internal Medicine, Pediatric Dentistry, Propedeutics
5	Complex Dentistry, Forensic Medicine, Neurology, Oral Medicine, Oral Surgery, Pediatric Dentistry, Pediatrics, Prosthetic Dentistry, Psychiatry, Restorative Dentistry, Periodontology, Thesis

Internship, practice:	- Summer practices - In the course of the fourth and fifth year students complete their clinical practice, while they treat patients of various departments
Career prospects:	The degree is accepted in the entire EU and several other countries around the world. Access to further study: Ph. D. studies, specialization. Specialist training is available in the disciplines of: restorative and prosthetic dentistry, orthodontics, pediatric dentistry, periodontics, dento-alveolar oral surgery, and maxillofacial oral surgery.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 17,500 USD/year (including all material costs as well)



Academic discipline:	Medical and Health Science
Degree:	Master degree in Medicine (MSc)
Qualification:	"Doctor of Medicine". The certificate is a document verifying the awarding of a medical degree, abbreviated as dr. med. (M.D.)
Duration:	12 semesters
Credits obtained:	Minimum number of credits needed to earn the M.D. degree: 360 credits.
Aim of the program:	The objectives of the six-year Medicine program are determined by well-established standards of medical education and designed to reflect the unique strengths and goals of University of Debrecen Faculty of Medicine. We aim to train medical doctors who, based on the acquisition of knowledge, professional skills, medical skills and attitude during their training, will be able to take part in activities pertaining to the functioning of the healthcare system by performing particular jobs as part of their professional commitment. Our graduates will demonstrate dedication to compassionate care, advocacy, and service. They will have both the knowledge and skills to enroll in a first and/or a second postgraduate specialist medical training program and, following a successful exam in a specialty field, will continue their career of the chosen specialty by working as specialists; in possession of the required theoretical knowledge and practical skills, they will become successful candidates for training at PhD schools.
Entry requirements:	- high school certificate - entrance examination in biology and physics/chemistry (written and oral) or successful completion of the Basic Medicine Course at the University of Debrecen
Lecture, Seminar: Practice:	38% 62%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	Basics of Behavioral Sciences, Biophysics, Biostatistics, Communication Skills, First Aid and Resuscitation, Hungarian Language, Medical Chemistry, Anatomy, Histology, Embryology, Cell Biology, Medical Genetics, Molecular Biology
2	Anatomy, Histology, Embryology, Biochemistry, Hungarian Language, Medical Physiology, Neurobiology
3	Basic Oncology, Basic Surgical Techniques, Clinical Biochemistry, Hungarian Language, Immunology, Medical Anthropology, Medical Microbiology, Pathology, Propedeutics of Internal Medicine, Clinical Physiology, Internal Medicine, Medical Microbiology, Medical Psychology, Medical Sociology, Pathology
4	Internal Medicine, Obstetrics and Gynecology, Orthopedic Surgery, Pharmacology, Preventive Medicine and Public Health, Pulmonology, Radiology and Nuclear Medicine, Surgery, Traumatology, Behavioral Medicine, Bioethics, Clinical Genetics, Stomatology, Urology
5	Behavioral Science, Dermatology, Emergency Medicine, Family Medicine, Forensic Medicine, Infectology, Internal Medicine, Neurology, Pediatrics, Psychiatry, Anesthesiology and Intensive Care, Clinical Oncology, Forensic Medicine, Ophthalmology, Otolaryngology, Thesis
6	Internal Medicine, Neurology, Obstetrics and Gynecology, Pediatrics, Psychiatry, Surgery

Internship, practice:	- Summer practices - Interim Practical Blocks - 6th year practices/internship (35 weeks)
Career prospects:	Graduates may continue their education by joining one of the doctoral schools or master programs, or they can join the specialization program. Graduate doctors can work clinically, for example as a general practitioner, private specialist, at a hospital or in the municipal health services.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 16,900 USD/year

Pharmacy, Pharm. D.



Academic discipline:	Medical and Health Science
Degree:	Master degree in Pharmacy (MSc)
Qualification:	"Pharm.D." The certificate is a document verifying the awarding of the Doctor of Pharmacy degree, abbreviated as dr. pharm. (Pharm. D.)
Duration:	10 semesters
Credits obtained:	Minimum number of credits needed to earn the Pharm. D. degree: 300 credits.
Aim of the program:	The program is designed to provide graduates with the core skills and knowledge required for improving patient health through innovative and collaborative pharmacy practice, medication therapy management, and research. The degree covers the chemical, physical, medical, pharmaceutical, pharmacological and therapeutic properties of medical substances, prescription drugs, and over-the-counter medications, as well as the application of these products in pharmacy practice, medication therapies, and health care.
Entry requirements:	- high school certificate - entrance examination in biology and physics/chemistry (written and oral) or successful completion of the Basic Medicine Course at the University of Debrecen
Lecture, Seminar: Practice:	44% 56%

Main subjects typically include (this list is indicative and may change):

Year	Main subjects
1	General Chemistry Theory, General Chemistry Practice, Hungarian Language, Latin Language, Mathematics, Pharmaceutical Biology, Pharmacy Propedeutics, Physics, Biophysics, Inorganic and Qualitative Analytical Chemistry, Organic Chemistry, Pharmaceutical Anatomy, Pharmaceutical Biology, Physical Chemistry
2	Botany, Colloid and Surface Chemistry, Human Physiology, Hungarian Language, Organic Chemistry, Pharmaceutical Biochemistry, Physical Chemistry, Quantitative Analytical Chemistry, Pharmaceutical Technology, Pharmacognosy, Quantitative Analytical Chemistry
3	Clinical Biochemistry, Medical Hungarian, Pharmaceutical Chemistry, Pharmaceutical Neurobiology, Pharmaceutical Psychology, Pharmaceutical Technology, Pharmacognosy, Immunology
4	Medical Microbiology, Pharmaceutical and Bioanalytical Chemistry, Pharmaceutical Bioanalytics and Biotechnology, Pharmaceutical Technology, Pharmacology, Preventive Medicine and Public Health Bioethics, Clinical Basics, Industrial Pharmaceutical Technology, Pharmaceutical Management and Organization
5	Biopharmacy, Clinical Pharmacology, Clinical Pharmacy, Drug Interaction Theory, Pharmaceutical Care, Pharmaceutical Communication Skills, Pharmacovigilance, Quality Control, Radiopharmacy Thesis

Internship, practice:	- Summer practices - State exam practices
Career prospects:	The Pharm.D. degree and diploma qualify graduates to work in community and hospital pharmacies, laboratories, at pharmaceutical research institutions, in the pharmaceutical industry, at R&D companies, academic institutions, governmental and regulatory agencies, health maintenance organizations, and also as medical service representatives.
Fees:	Application fee 150 USD, entrance procedure fee 350 USD Tuition Fee: 8,000 USD/year



Dates and deadlines to remember

Application Deadlines

for September admission

PhD programs	15 May
Medical and health science programs	31 May
Non-medical programs	15 June

for January/February admission

Non-medical programs and PhD programs	15 November
Basic Medicine Course II	1 November

Hungary and the city of Debrecen

Country info:

Hungary is a European Union member country located in Central Europe. The country shares borders with Austria, Slovakia, Ukraine, Romania, Serbia, Croatia and Slovenia. It's population is ca. 10 million.

City info:

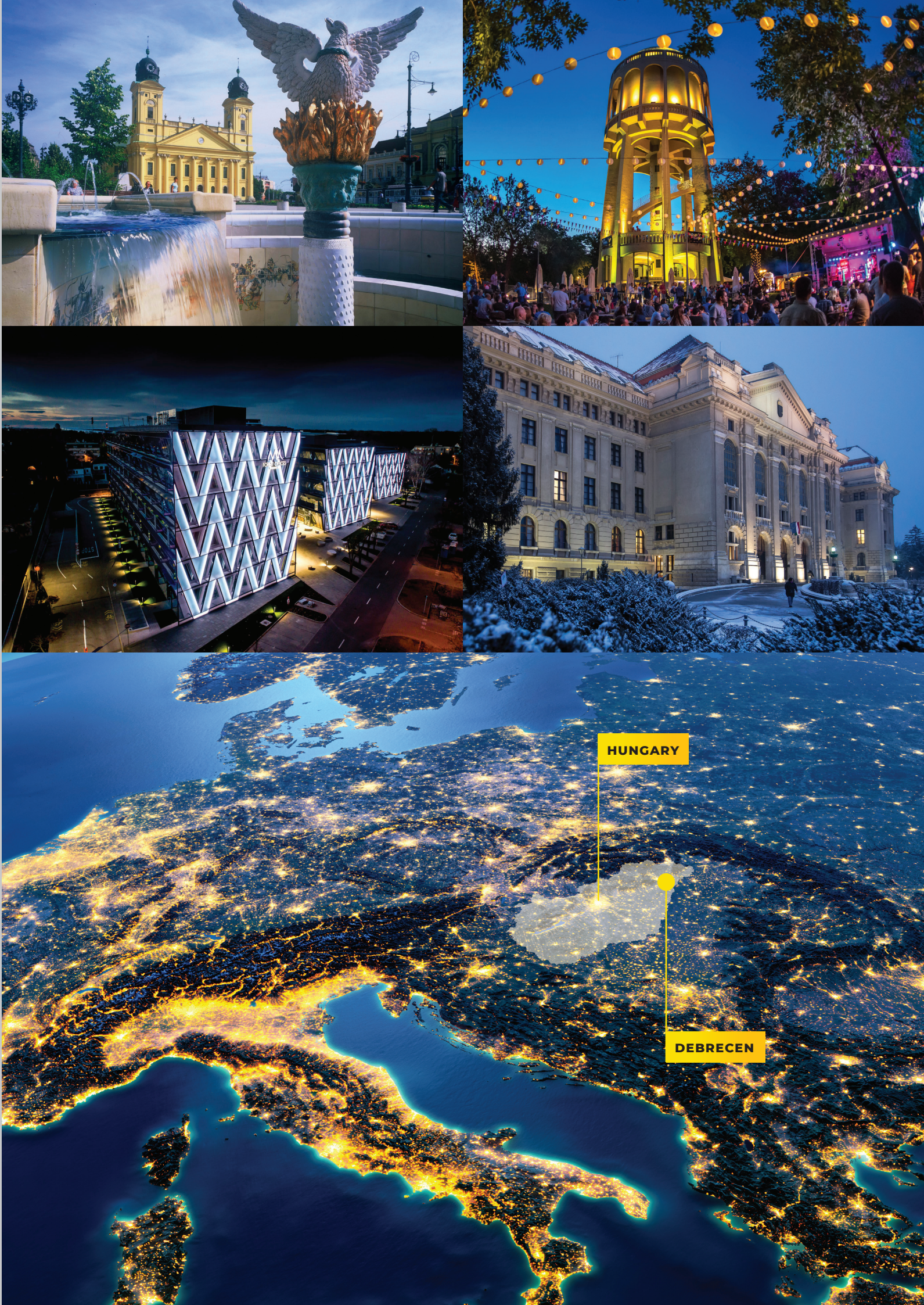
With 204,000 inhabitants, Debrecen is the second-largest city in Hungary. Debrecen has a small-town feel, with all a big city has to offer. A variety of cozy restaurants with local and international cuisine, cafés, wine bars, and ruin pubs add to the “taste” of life in Debrecen.

City life:

Debrecen offers year-round high-quality programs including festivals, concerts, and all sorts of sports events.

Main attractions and places to visit:

- Great Forest of Debrecen and Lake Békás
- Aquaticum Spa and Wellness Centre w/ Mediterranean Aqua Park
- Kölcsey Convention Center – the largest conference center of Eastern Hungary (capacity: 1,150 people)
- MODEM (Modern and Contemporary Arts Centre)
- Debrecen Zoo
- Debrecen Ice Rink
- Debrecen Swimming Pool complex
- Déri Museum



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