

UNIVERSITY OF
DEBRECEN

Medical
& Health Science
Programs

HUNGARY

Medicine
Dentistry
Pharmacy
Physiotherapy
Public Health
Social Work in Health Care
Molecular Biology
& Complex Rehabilitation

Programs for International
Students in English

INTRODUCTION VIDEO



[youtube.com](https://www.youtube.com)









HUNGARY

Hungary, located in Central Europe, is a European Union member country & a member of the Schengen Agreement.

The country has borders with Austria, Slovakia, Ukraine, Romania, Serbia, Croatia and Slovenia.

Population ca. 10 million.

Capital: Budapest.

Main rivers: Danube and Tisza.

Lake Balaton, the largest lake of Central Europe is located in the Western part of Hungary.

THE CITY OF DEBRECEN

With 204,000 inhabitants Debrecen is the second largest city in the country.

The numerous university faculties, colleges and professional schools have turned the city into the country's most important educational center.

In addition to the above Debrecen serves as the cultural, educational and economic center of Eastern Hungary.

MAIN ATTRACTIONS AND PLACES TO VISIT

Great Forest of Debrecen and Lake Békás

Aquaticum Medicinal and Bath Centre
w/ Mediterranean Pleasure Bath

Kölcsey Convention Centre the largest conference
center of Eastern Hungary (capacity: 1,150 people)

MODEM (Modern and Contemporary Arts Centre)

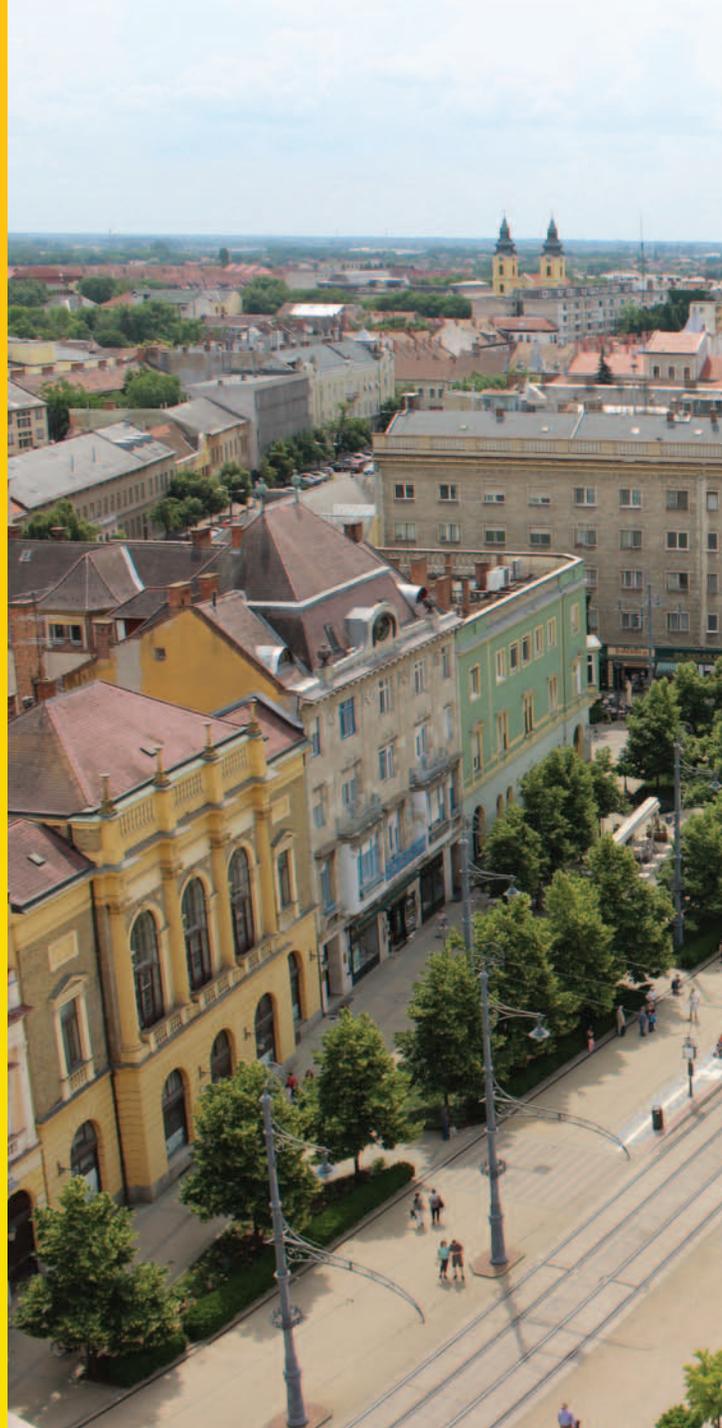
Debrecen Zoo

Debrecen Ice Rink

Debrecen Swimming Pool complex

Debrecen Flower Carnival

Debrecen Jazz Days





SOME FACTS ABOUT THE UNIVERSITY OF DEBRECEN

The history of Debrecen's higher education dates back to the 16th century, with the Reformed College of Debrecen, the predecessor of UD, established in 1538.

The University itself was established in 1912 making UD a higher education institute with the longest continuous history in Hungary

Today the University of Debrecen, with a student body of about 27,000, over 4,000 of which are international students, is one of the largest institutions of higher education in Hungary

Number of staff (2015)
1,450 academic | 4,550 non-academic

Total annual budget (2015):
60 Billion HUF = ~220 Million USD

ACCREDITATION

The University of Debrecen conducts its programs according to the European Qualifications Framework of the Bologna Process, all of the programs have been accredited by the Hungarian Accreditation Committee (HAC).

Education at Debrecen Medical School is accredited by the World Health Organization, The State Education Department (NY, USA), Medical Board of California, the General Medicine Council, Medical Councils of Israel, Ireland, Iran, India (qualification exam required) and Norway.

MEDICAL ACTIVITY AT THE UNIVERSITY OF DEBRECEN

As the regional center of progressive medical & health-related treatments, the Medical School and Health Science Centre of the University of Debrecen is responsible for providing medical coverage for as many as 3 million individuals. The services of the center are rendered to an annual 95,000 inpatients and 887,000 outpatients, corresponding to approximately 1 million medical care cases per year and 5.7 million procedures altogether, rendered by an internationally acclaimed body of physicians and health practitioners in the most prestigious medical and health center of the Tiszántúl [Trans-Tibiscan] region.

Our Institution is not only the best equipped institution in the area, but also represents the most important health care facility for day-to-day medical care in the region. The Clinical Departments of the University of Debrecen build up one of the largest hospitals in Hungary with 21 clinical departments and about 1700 beds.

Important service units include a hemodialysis center, open-heart surgery facilities and a kidney transplantation unit. The Department of Obstetrics and Gynecology of the Medical School has been operating as an official reference center of the WHO for many years.

The affiliated hospitals in the region also play an important role in teaching the practical aspects of medicine.







Preparatory Programs

BASIC MEDICINE COURSE (PREMEDICAL STUDIES) I-II

Faculty: Faculty of Medicine

Starting date: September/January

Duration: 1 or 2 semesters

Language requirements: English language proficiency

Academic requirements: high school certificate + entrance examination in Biology and Physics/Chemistry (written and oral)

Short description: The premedical Basic Medicine Course is recommended for those students who do not have sufficient knowledge in Biology, Physics and Chemistry from high school. The requirements in these premedical 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 successfully completing the course are directly admitted to their chosen program.

In addition to the Basic Medicine Course starting each September, our University launches an Intensive BMC in January as well (January-July).

One-Tier Programs

MEDICINE, MD

Faculty: Faculty of Medicine

Duration: 12 semesters

Starting date: September

Language requirements: English language proficiency (assessed at the compulsory entrance examination)

Academic requirements: high school certificate + entrance examination in Biology and Physics/Chemistry (written and oral)

Short description of the course: Medical Doctor (M.D.) degree is granted upon completion of the course. The degree is accepted all over the EU and in several other countries around the world as well.

The language of instruction is English. However, students are required to learn some basic Hungarian in order to be able to communicate with patients from the third year on.

During the first two years, the curriculum focuses on theoretical aspects of medicine that lay the foundation of the subsequent medical subjects.

The theoretical knowledge is applied in clinics during the 3rd year with internal medicine and surgery along with other theoretical subjects. The remaining clinical subjects are introduced in the 4th and 5th years.

Internship: students are involved in clinical care of patients at the Departments of Internal Medicine, Surgery, Gynecology, Neurology, Psychiatry and Pediatrics during the final, 6th year. Students in the final year are required to submit their theses. The last academic year is concluded with a comprehensive state examination. Students who have passed all examinations and successfully defended their theses are awarded the M.D. degree.

DENTISTRY, DMD

Faculty: Faculty of Dentistry

Duration: 10 semesters

Starting date: September

Language requirements: English language proficiency (assessed at the compulsory entrance examination)

Academic requirements: high school certificate + entrance examination in Biology and Physics/Chemistry (written and oral)

Short description of the course: The five-year-program has been carefully structured to ensure a high standard of knowledge, skills and responsibility of a dental professional leading to the degree of Doctor of Dental Medicine (D.M.D)

A thorough understanding of the basic medical sciences is gained during the 1st year, which is complemented with specific dental subjects (Odontology, Preventive Dentistry, Dental Materials and Technics). The program encompasses Anatomy Histology, Physiology and Behavioral Sciences in the 2nd year.

Disciplines exploring the theoretical background of oral diseases, such as Pathology, Pathophysiology and Microbiology are taught in the 3rd year. In the same year, Propedeutics of Clinical Dentistry introduces various dental procedures and techniques involved in the clinical treatment of patients. Students are introduced to all clinical dental fields (Restorative Dentistry, Prosthetic Dentistry, Periodontology, Oral Surgery, Oral Medicine, Pediatric Dentistry and Orthodontics).

From the 4th year, students take responsibility for treating their own patients in small-group practice classes under the close supervision of staff members. Some other clinical medical sciences are also included in the curriculum.

By the end of the 5th year dental students are required to submit and defend their theses together with passing the state examination.

PHARMACY, PHARM.D.

Faculty: Faculty of Pharmacy

Duration of the Course: 10 semesters

Starting date: September

Language requirements: English language proficiency (assessed at the compulsory entrance examination)

Academic requirements: high school certificate + entrance examination in Biology and Physics/Chemistry (written and oral)

Short description of the course: The program was developed to satisfy the needs of highly motivated, highly qualified students interested in pursuing both undergraduate and professional studies in Pharmacy and health care related education. Doctor of Pharmacy (Pharm.D.) degree is granted upon completion of the course. The degree is accepted in all EU and several other countries around the world.

The program is designed to provide graduates with the core skills and knowledge required for the effective delivery of pharmaceutical care and the ability to conduct research. The degree covers the chemical, physical, pharmaceutical and pharmacological properties of medical substances and the application of these in the pharmacy profession.

In the first year the curriculum focuses on basic sciences (General, Inorganic, Organic and Analytical Chemistry, Physics, Biophysics, Biostatistics, Anatomy, Biochemistry, Physiology, Pathophysiology). In the second part of the program (2nd, 3rd, 4th and 5th years), students participate in specialized pharmaceutical education (Pharmaceutical Chemistry, Pharmaceutical Technology, Management, Clinical Pharmacology, Biopharmacy, Pharmacology and Toxicology).

The pharmaceutical diploma qualifies graduates to work in public and hospital pharmacies, laboratories, pharmaceutical research institutes, pharmaceutical companies, governmental agencies, health maintenance organizations, and also as medical service representatives.





Undergraduate Programs

PHYSIOTHERAPY, BSc

Faculty: Faculty of Public Health

Starting date: September

Duration: 8 semesters

Language requirements: English language proficiency (assessed at the compulsory entrance interview)

Academic requirements: high school certificate; entrance interview

Short description: The curriculum of the BSc in Physiotherapy Program aims to prepare students for the prevention, medication and rehabilitation of movement system disorders and other diseases using the therapeutic tools of physiotherapy.

During the first and second semester, students study Biophysics, Cell Biology, Genetics and Molecular Biology, Anatomy, Biochemistry, Immunology, Preventive Medicine and Public Health, Microbiology, First Aid, Body Awareness, General Principles in Health Care and Nursing, Basics of Physiotherapy, Computer Techniques, Medical Latin, Bioethics, Psychology, Communication, Philosophy and elective courses.

In the third and fourth semester, they study Biomechanics, Basic Physiology, Cardiorespiratory and Exercise Physiology, Applied Training Methods, Neurophysiology, Kinesiology, Mobilization-Manual Techniques I, Electro-, Balneo-, Hydro- and Climatotherapy, Pathology, Clinical Propedeutics, Internal Medicine for Physiotherapists I, Gerontology, Sociology, Economics, Introduction to Management, Basics of Research Methodology, Health and Library Informatics, Kinesiology Practice (summer course) and elective courses.

PUBLIC HEALTH, BSc

Faculty: Faculty of Public Health

Starting date: September

Duration: 8 semesters

Language requirements: English language proficiency (assessed at the compulsory entrance interview)

Academic requirements: high school certificate; entrance interview

Short description: The aim of the BSc in Public Health is

to give solid knowledge of the discipline to understand the basic concepts of public health and be able to advise solutions for the challenges.

The BSc program offers courses on Chemistry, Ecology, Basics of Informatics, Psychology, Communication, Bioethics, First Aid Training, Medical Latin, Clinical Propedeutics, Sociology, elective subjects, Introduction to Public Health, Cell Biology, Basic Anatomy, Biostatistics, Environmental Health, Genetics and Molecular Biology, Basics of Pedagogy, Health Sociology, optional subjects and elective subjects.

Graduate Programs

COMPLEX REHABILITATION, MSc

Faculty: Faculty of Public Health

Starting date: September

Duration: 4 semesters

Language requirements: English language proficiency (assessed at the compulsory entrance interview)

Academic requirements: high school certificate; relevant BSc degree; entrance interview

Short description: The program is mostly offered to students having previously studied and graduated in Physiotherapy, BSc. The aim of the MSc course is to train experts who will be able to effectively facilitate social inclusion for individuals and target communities/groups in health, social, educational and occupational rehabilitation. In addition, they will be sufficiently prepared to measure, evaluate, represent and correct the results of rehabilitation activities.

The experts in Complex Rehabilitation will be competent in all areas of health rehabilitation in order to coordinate services, patient management, the activities of rehabilitation providers, supply development, measure the effectiveness of rehabilitation, and carry out research activities on which practice is based. In complex rehabilitation in the areas of employment, education and social rehabilitation the experts can perform the tasks of specific institutional organization, project planning, implementation, monitoring and quality control among similar coordinating and organizing tasks, and can carry out activities affecting any segment or all the segments of the complex rehabilitation in the political and administrative sectors (ministries, local governments, other offices).

PUBLIC HEALTH, MSc

Faculty: Faculty of Public Health

Starting date: September

Duration: 3 semesters

Language requirements: English language proficiency (assessed at the compulsory entrance interview)

Academic requirements: high school certificate; relevant BSc degree; entrance interview

Short description: The aim of the MSc course in Public Health is to train specialists capable of monitoring public health problems, as well as planning, implementing and evaluating possible solutions.

The objective of the MSc course in Public Health is to equip graduates with knowledge and skills in

- monitoring the health status of population;
- analysing the factors influencing the health status of populations;
- exploring and prioritising health needs and demands;
- drafting local, regional and national health policy aimed at solving public health concerns;
- planning and organising services to promote health, prevent and treat diseases based on the needs of the target population;
- implementing and managing health-promoting and disease-prevention tactics
- analysing and evaluating the effectiveness of those services and interventions.

Specialists who have completed their studies will have thorough knowledge in epidemiology, health promotion, health care management, and health care policy.

SOCIAL WORK IN HEALTH CARE, MSc

Faculty: Faculty of Health

Starting date: September

Duration: 4 semesters

Language requirements: English language proficiency (assessed at the compulsory entrance interview)

Academic requirements: high school certificate, relevant BSc degree, entrance interview

Short description: The aim of the degree program is to train professionals with knowledge and methods in the fields of health and social sciences capable of tackling both health and social related problems by performing professional, social and intersectoral cooperation. Graduates will become part of preventive activities, as well as activities targeting acute problems, and after-care.

Competences

- comprehensive professional knowledge through the integration of the characteristics of social work and health care,
- revealing and analysing the individual and societal connection between health and social related problems,
- creating and implementing developmental programs as well as independent supportive processes,
- tackling complex health and social related problems,
- developing and implementing social diagnosis and therapy,
- determining individual and broader resources to make cooperation possible,
- developing and applying social activities as part of rehabilitation,
- performing team-work.

MOLECULAR BIOLOGY, MSc

Faculty: Faculty of Medicine

Starting date: September

Duration of the course: 4 semesters

Language requirements: English language proficiency (assessed at the compulsory entrance interview)

Academic requirements: high school certificate, relevant BSc degree, entrance interview

Short description: The course objective is to provide knowledge of the findings in the field of molecular biology; application of molecular biology techniques; to provide a broad and deep knowledge on the methodology and to train students to be able to approach scientific problems as part of multidisciplinary teams with an emphasis on medicine-related projects. Students will acquire practical and theoretical understanding of biological data and how to utilize results in basic and applied research innovatively. Students have the possibility to specialize in the field of biochemistry-genomics. The course is completed by thesis work, which is based on the student's personal laboratory results. This thesis will be defended with the theoretical knowledge evaluated in a final exam. The degree qualifies for entry into European doctoral programs, and also a variety of other careers. Doctoral programs at the University of Debrecen are also open for students who graduated in the master program of molecular biology.

PhD Degree and Specialization

After graduation, outstanding students may continue their education by joining one of our Doctoral Schools conducting clinical or basic science research projects. Successful completion of research work combined with credit points earned in postgraduate training courses will lead to a PhD degree.

Our PhD Programs cover the following thematic areas:

- Molecular and Cell Biology:
Mechanism of Signal Transduction
- Biophysics
- Physiology-Neurobiology
- Microbiology and Pharmacology
and Pharmaceutical Sciences
- Experimental and Clinical Investigations
in Hematology and Hemostasis
- Immunology
- Experimental and Clinical Oncology
- Cardiovascular diseases
- Locomotor disorders
- Public Health
- Preventive Medicine
- Dental Research

PhD programs are run by more than 100 accredited, highly qualified coordinators and tutors.

After graduation, students can join our postgraduate specialization program.

The training program is open for applicants holding a university degree as a medical doctor, dentist or pharmacist.

For the specifics of the application process, please visit edu.unideb.hu







KAPLAN USMLE STEP 1 PREPARATORY COURSE

RESEARCH

The top priority research fields at the University of Debrecen include medical and health sciences, pharmaceuticals, food industry, and natural sciences.

Students interested in medical research are strongly encouraged to join ongoing research projects.

Scientific work is performed at the departments of basic sciences and the laboratories of clinical departments. Our faculty members publish about 600 scientific papers in international scientific journals each year.

According to scientometric data, the University of Debrecen is among the best 4 of the more than 80 Hungarian research

institutions and universities. Many of our scientists reached international recognition exploiting the possibilities provided by internal, national and international collaborations.

Internationally acknowledged research areas are Cell Biology, Immunology, Experimental and Clinical Oncology, Hematology, Neurobiology Physiology and Molecular Medicine, with the later being one of the five priority areas that won the title "Research University" for the University of Debrecen with the support of the Hungarian Ministry of Education. The scientific exchange program involves numerous foreign universities and a large proportion of our staff is actively involved in programs that make use of foreign collaborations.

- Entering residency in the US requires ECFMG (Educational Commission for Foreign Medical Graduates) certification, obtained through the completion of the US Medical Licensing Examination (USMLE Step 1 and 2) process
- Kaplan is a well-known international educational company, that serves the needs of students and professionals in the world who prefer to work in the US and for US students interested in study-abroad opportunities
- The University of Debrecen with the assistance of Kaplan offers USMLE Step 1 preparatory course for medical students exclusively in Eastern Europe
- The 7-week course includes Anatomy, Biochemistry, Behavioral Science, Immunology, Medical Genetics, Microbiology, Pathology, Pharmacology, Physiology lectures among others
- By taking the course students will have the chance to prepare for the exam with the guidance of the best teachers in all fields – opening the gate to a successful career in the USA
- Students also have the opportunity to sit for a simulation Step 1 examination free of charge
- Additional information at:



kaptestglobal.com



edu.unideb.hu

ACCOMMODATION

Augustza Hotel

- Located in the main campus area of the University
- Single room apartments with a bathroom and balcony
- 2 and 3 room apartments are also available

West Hostel

- Located in the main campus area of the University
- Both double and single rooms are available
- The hostel operates a 24-hour reception service, security service, safe, car park, laundry and a Korean restaurant.

Private accommodation

- Depending on location, quality, number of persons and rooms, the usual rent varies between 140 and 430 USD/month
- Troubleshooter at troubleshooter.hu is a university partner agency to help students finding accommodation

UNIVERSITY RESTAURANTS AND CANTEENS

- Nagyerdei Restaurant
- Korean Restaurant
- Restaurant of the Faculty of Engineering
- Lovarda canteen
- Medical Restaurant and Canteen
- Restaurant in the Theoretical Building
- Campus Restaurant

UNIVERSITY CLUBS

- HALL, the newest public space, is situated in the heart of the Great Forest, right under the fully redesigned Stadium
- In addition, a fully renovated, 1913 WATER TOWER also serves the needs of the visitors as one of the attractions and refreshment spots of Debrecen
- LOVARDA, Cultural and Conference Centre for Students
- Kazánház University Club
- Klinika University Club
- Campus Bowling Bar

A LIST OF LIVING EXPENSES IN DEBRECEN

- Accommodation: from 140 USD/month
- Utilities (water, gas, electricity, common fees): 50-90 USD/month

CLIMATE

- Hungary has a continental climate
- Winters are usually cold, cloudy and humid (average temperature between 0 and -15 °C / 32 and 5 °F), summers are warm (average temperature between 27 and 32 °C / 81 and 90 °F)
- The average annual temperature is 9.7 °C / 49.5 °F
- The average yearly rainfall is approximately 600 mm / 24 in



APPLICATION

To apply for any of the medical and health science programs offered by the University of Debrecen, please contact us directly or fill in the online application form available at



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