

UNIVERSITY OF DEBRECEN  
*Medical School*



HUNGARY



MEDICINE, DENTISTRY, PHARMACY,  
PHYSIOTHERAPY AND PUBLIC HEALTH PROGRAMS  
FOR INTERNATIONAL STUDENTS IN ENGLISH

# THE CITY OF *Debrecen*



Hungary is a European Union member country situated in the middle of Europe with borders to Austria, Serbia, Slovakia, Ukraine, Romania, Croatia and Slovenia. With its 220 000 inhabitants, Debrecen is the second largest city in Hungary, an important cultural and educational center of the region with numerous university faculties, colleges and professional schools.

The main square in front of the Great Reformed Church is the real center of gatherings. With its fountains, and many coffee terraces, it is a pleasant scene of outdoor performances. The beautiful Csokonai Theatre and Déri Museum both play an important role in the flourishing cultural life characterizing the city. Summer is the time of festivals; people from abroad and other parts of Hungary visit the famous Debrecen Flower Carnival, the Debrecen Jazz Days, the Bartók Béla International Choir Competition and the Military Band Festival. The new Convention Center hosts professional and cultural programs all year through. Week by week, many people support the city's most famous sport clubs, especially the football, handball and basketball teams. Those wishing to take a rest are welcome in the Great Forest where the famous Debrecen Bath and the Mediterranean Aquaticum are located.

The history of Debrecen's higher education dates back to the 16<sup>th</sup> century. The Calvinist Reformed College, established in 1538, played a central role in education, teaching in native language and spreading Hungarian culture in the region, as well as in the whole country. The College was a sound base for the Hungarian Royal University established in 1912. With a student body of over 30 000, the University of Debrecen is one of the largest institutions of higher education in Hungary today. The cooperation of fifteen faculties organized into three centers (the Centre for Agricultural and Applied Economic Sciences, the Medical and Health Science Center and the Centre of Arts, Humanities and Sciences) ensures the multidisciplinary background guaranteeing the University a leading role as a research and education institution, the intellectual centre of Eastern Hungary.



# Medical Training



Study programs of the Medical and Health Science Center (UD MHC) today are rooted in the spiritual heritage of the Reformed College where the first physicians of the region were trained. The Center consists of the Faculties of Medicine, Dentistry, Pharmacy, the Faculty of Public Health and the Faculty of Health. The mission of the Center is to train medical doctors, dentists, pharmacists, public health experts, health degree holders and health specialists, and to ensure their continuous education and development. The center also functions as the regional health service provider for the city and the county, as well as the Northeastern region of Hungary.

The international programs were launched in 1987 and all of them are delivered in English. At present, the number of international students is about 2,000 and they represent countries from all major regions of the world, including Europe, the Middle and Far East, Africa and North America.

The English Medical Programs form an integral part of the educational work of the Medical School. The curriculum is identical with the one provided for Hungarian students and it meets all the requirements prescribed by the European medical curriculum outlined by the Association of Medical Schools in Europe.





# Accreditation

Besides the Hungarian Accreditation Committee, education at the Medical Programs of the University of Debrecen is accredited by the World Health Organization, the State Education Department (NY, USA), the Medical Board of California, the General Medical Council of the UK (PLAB is compulsory), and the Medical Councils of Israel, Ireland, Iran and Norway. In other European countries and also in India, the diploma of the Medical School is accepted for registration purposes; however, in some countries a qualifying exam is required.



## MEDICAL ACTIVITY

The Medical School is one of the largest hospitals in Hungary with 18 clinical departments and more than 1,800 beds. Our Medical School 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 our region. In 2010, the number of inpatients was over 90,000, and close to 1 000 000



outpatients were treated. 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.



Kenézy Gyula County Hospital in Debrecen (with approx. 1,400 beds) is strongly affiliated with the Medical School and plays an important role in teaching the practical aspects of medicine. The University and other health institutions in the neighboring counties are in close contact forming a Teaching Hospital Network consisting of 10 hospitals.

## BASIC MEDICINE COURSE (BMC, PREMEDICAL STUDIES)

**Duration of studies: 1 year (2 semesters)**

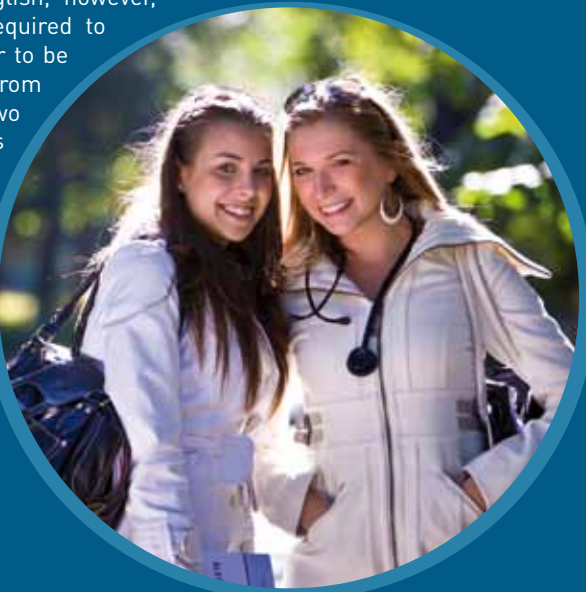
The one-year premedical Basic Medicine Course is recommended to those not having sufficient knowledge in Biology, Physics and Chemistry to start the first year directly. In addition to these subjects, courses in English, Latin and basic Hungarian are also available. The requirements in these premedical science subjects are rigorous thus it is recommended that students who need a period of preparation prior to beginning the General Medicine, Dentistry or Pharmacy Program, join the Basic Medicine Course. Students successfully completing the course are directly admitted to the program of their choice. In addition to the Basic Medicine Course starting each September, our University launches a Short BMC in January as well.



## GENERAL MEDICINE (M.D.)

**Duration of studies:** 6 years (10 semesters + 1 year internship)

This academic program leads to the degree of Medical Doctor (M.D.). The language of instruction is English, however, from the first year on, they 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 mainly focuses on theoretical aspects of Medicine that lay the foundations of the subsequent medical subjects. In the third year, subjects explaining the theoretical background of diseases as well as the foundations of Internal Medicine and Surgery are taught. In the fourth and fifth year, training in Pharmacology begins and the study of clinical subjects continues.



### INTERNSHIP

During the sixth, final year, students take their final examinations in Internal Medicine, Surgery, Gynecology, Neurology, Psychiatry and Pediatrics. Each final exam is preceded by a two- or three-month internship period. Students in the final year are required to submit a thesis. The last academic year is concluded with a comprehensive final state examination in which the future medical doctors must demonstrate their competence in the most important practical and theoretical aspects of General Medicine. Students having passed all examinations and having successfully defended their theses are granted an M.D. degree.



### ELECTIVE COURSES

Elective courses form an integral part of the training. While in Clinical Sciences aspects of direct patient care, clinical reality and practical issues are emphasised, (e.g. patient management, therapeutics, and diagnostics) Theoretical Science courses include basic research, social, economic and legal sciences.

## DENTISTRY (D.M.D)

**Duration of studies: 5 years (10 semesters)**

The Academic Program leads to the degree of Doctor of Dental Medicine (D.M.D.)

The five-year program has been carefully structured to ensure a high standard of knowledge, skills and responsibility of dental surgeons.

During the first year, a thorough understanding of the basic medical sciences such as Biophysics, Biochemistry and Genetics is gained and in the second year, the program broadens to encompass Anatomy, Histology, Physiology and Behavioral Sciences in topics relevant to the practice of Dentistry. In the first two years, special dental subjects (Odontology, Preventive Dentistry, Dental Materials and Technics) are also taught.

In the third year, disciplines exploring the theoretical foundations of diseases, such as Pathology, Pathophysiology and Microbiology are taught with aspects related to Oral Sciences. In the same year, the Propedeutics of Clinical Dentistry introduces various dental procedures and techniques involved in the clinical treatment of patients by laboratory demonstrations and in the phantom head room. In the fourth year, students begin to treat patients in the Clinical Practice Unit and other special clinical departments, thus they are required to learn some basic Hungarian in order to be able to communicate with patients. They are introduced to all clinical dental fields (Restorative Dentistry, Prosthetic Dentistry, Periodontology, Oral Surgery, Oral Medicine, Paedodontics and Orthodontics). During the 4<sup>th</sup> and 5<sup>th</sup> years, students take responsibility for treating their own patients in small-group practice classes under the close supervision of staff members.

Parallel to the dental courses, other clinical medical sciences are also included in the curriculum.

By the end of the fifth year, dental students are required to submit and defend a thesis and take a final examination.



## PHARMACY (PHARM. D.)

**Duration of studies:** 5 years (10 semesters)

The Academic Program leads to the degree of Doctor of Pharmacy (Pharm. D.).

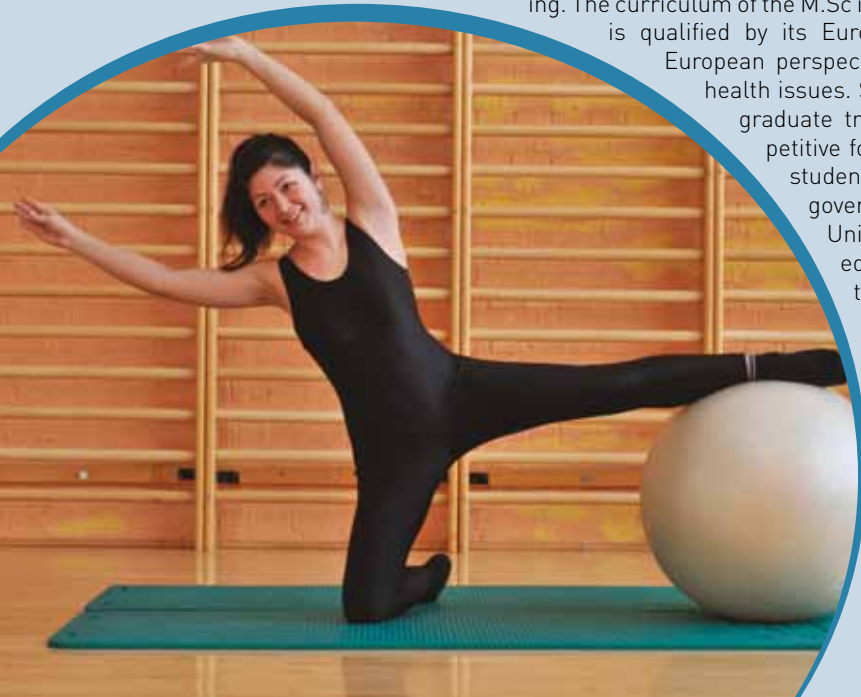
During the 1<sup>st</sup> and 2<sup>nd</sup> year, the curriculum focuses on basic sciences (General, Inorganic, Organic and Analytical Chemistry, Physics, Biophysics, Biostatistics, Anatomy, Biochemistry, Physiology, Pathophysiology). In the second part of the program, (third, fourth and fifth year) students participate in specialized pharmaceutical education (Pharmaceutical Chemistry, Pharmaceutical Technology, Management, Clinical Pharmacology, Biopharmacy, Pharmacology and Toxicology). The pharmaceutical diploma qualifies for working in public and hospital pharmacies, laboratories, pharmaceutical research institutes, pharmaceutical industries, at governmental agencies, health maintenance organizations and also as a medical service representative.



## COURSES OFFERED BY THE FACULTY OF PUBLIC HEALTH

The Hungarian Government established the Faculty of Public Health in 1996, using the expertise of both national and international experts – professors of London School of Hygiene and Tropical Medicine, the University of Turin, the Association of Schools of Public Health in the European Region, to mention a few. As a result, the postgraduate courses of the Faculty of Public Health meet the international requirements of Public Health training. The curriculum of the M.Sc in Public Health

is qualified by its European content, European perspective and global health issues. Since our postgraduate training is competitive for international students as well, the governance of the University decided to make this training available for English speaking foreign students.





## PHYSIOTHERAPY (B.SC.)

**Duration of studies:** 8 semesters

The aim of the B.Sc. course in Physiotherapy is to train professionals for the prevention, medication and rehabilitation of movement system disorders and other diseases by using the therapeutic tools of physiotherapy.



## PUBLIC HEALTH (B.SC.)

**Duration of studies:** 8 semesters

The aim of the course is to train specialists capable of monitoring public health problems, as well as planning and implementing interventions and evaluating the outcome. Career opportunities include employment in research, surveillance, health promotion, public health and related agencies such as cancer registries, food safety authorities, disease screening programs, community development, international aid agencies, and the private sector with pharmaceutical industry and management, consultancies.

## PUBLIC HEALTH (M.SC.)

**Duration of studies:** 2 semesters for M.Sc. graduates,  
3 semesters for B.Sc. graduates

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

The Faculty of Public Health is a member of the Association of Schools of Public Health in the European Region (ASPHER). ASPHER launched training for a joint European public health degree from the academic year of 2001/2002.

This degree course offering a European Master in Public Health (EMPH) degree is conferred by the home institution of the student certifying the acquisition of European competence.

For further information about the Faculty of Public Health please visit [www.nk.unideb.hu](http://www.nk.unideb.hu) or send an e-mail to [info@sph.dote.hu](mailto:info@sph.dote.hu)

# Research Work



Students interested in medical research are strongly encouraged to join ongoing research projects. Scientific work is done at the departments of basic sciences and at the laboratories of clinical departments. The faculty members of the Medical School publish about 600 scientific papers in international scientific journals each year. According to scientometric data, the Medical School 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, the later being one of the five priority areas that won the title "Research University" for UD by 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.



## KAPLAN USMLE STEP 1 PREPARATORY COURSE AT THE UNIVERSITY OF DEBRECEN

Places of career opportunities include health services, providing therapy and rehabilitation in the broad scale of diseases, institutions offering balneo- and hydrotherapy, home care and the field of prevention among others.

Entering residency in the United States of America requires ECFMG certification, obtained through the completion of the United States Medical Licensing Examination (USMLE Step 1 and 2) process. USMLE assesses a physician's ability to apply knowledge, concepts, and principles in medicine, and to demonstrate patient-centered skills important in health and disease - the fundamentals that constitute the basis of safe and effective patient care.

Kaplan is a well-known international educational company; its higher education programs provide innovative undergraduate, graduate, and continuing professional education. The programs foster student learning with opportunities to launch, enhance, or change careers in a diverse global society. Kaplan's international programs serve 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 in cooperation with Kaplan offers USMLE Step 1 prep. course for medical students exclusively in the European Continent.**

The 7-week course includes Anatomy, Biochemistry, Behavioral Science, Immunology, Medical Genetics, Pathology, Pharmacology, Physiology lectures and the following:

- Diagnostic test of 150 questions with performance analysis
- Subject based assessment tests with explanations
- Answers and explanations to all subject assessment exams
- Full-length online exam simulation
- Qbook with 850 practice questions and a test-taking strategy guide



# PhD Degree **AND SPECIALIZATION**



For the specialized application requirements please visit [www.edu.dote.hu](http://www.edu.dote.hu)

After graduation, outstanding students may continue their education by joining one of the ongoing research projects being conducted by clinical or theoretical departments. The successful completion of research work will lead to a PhD degree.

Our PhD Program includes the following topics:

- Molecular and Cell Biology: Mechanism of Signal Transduction
- Microbiology and Pharmacology
- Biophysics
- Physiology-Neurobiology
- Experimental and Clinical Investigations in Hematology and Hemostasis
- Epidemiological and Clinical Epidemiological Studies
- Cell and Molecular Biology: The Study of the Activity of Cells and Tissues in Healthy and Pathological Conditions
- Immunology
- Experimental and Clinical Oncology
- Public Health
- Preventive Medicine
- Dental Research

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



# Application

## HOW TO APPLY?

To apply for any of the courses offered by the Medical School of Debrecen, please send your completed application form (also available on our website [www.edu.dote.hu](http://www.edu.dote.hu) or can be requested at [info@edu.unideb.hu](mailto:info@edu.unideb.hu)), with a copy of your high school or college diploma and transcript (officially translated into English) to the International Education Center. Students just about to complete their high school studies are required to submit a transcript and present their final diplomas at registration.

For more details about the application procedure and the tuition fees for the current academic year please contact:

**International Education Center,  
University of Debrecen, MHSC**

98. Nagyerdei krt., Debrecen, Hungary, 4032

Phone: +36 52/258-051; +36 52/258-052

Fax: +36 52/414-013

E-mail: [info@edu.unideb.hu](mailto:info@edu.unideb.hu)

[www.edu.dote.hu](http://www.edu.dote.hu)

### **Please also send us:**

- a short CV in English,
- the copies of the relevant pages of your passport and a passport sized photograph,
- proof of English proficiency,
- a cheque of 150 USD non-refundable application fee.

The International Education Center reserves the right to change the content of the present brochure at any time.

Please visit our website regularly for updated information: [www.edu.dote.hu](http://www.edu.dote.hu)



# APPLICATION FORM

Fill the form according to your passport information.

## Compulsory Fields

Family Name: \_\_\_\_\_

Title

Middle Name: \_\_\_\_\_

Mr.  Miss

Given name(s): \_\_\_\_\_

Mrs.  Ms.

## Home address (in your country)

Address: \_\_\_\_\_

City: \_\_\_\_\_

Country: \_\_\_\_\_

Post/Zip code: \_\_\_\_\_ Telephone: \_\_\_\_\_

E-mail: \_\_\_\_\_ Fax: \_\_\_\_\_

## Contract Address (if different)

Address: \_\_\_\_\_

City: \_\_\_\_\_

Country: \_\_\_\_\_

Post/Zip code: \_\_\_\_\_ Telephone: \_\_\_\_\_

E-mail: \_\_\_\_\_ Fax: \_\_\_\_\_

## Personal Information

Sex: male  female

Date of birth (day/month/year): \_\_\_\_\_

Place of birth: (city/country): \_\_\_\_\_

First language: \_\_\_\_\_ Nationality: \_\_\_\_\_

Mother's maiden name: \_\_\_\_\_

Proficiency in English: \_\_\_\_\_

## Passport

Passport number: \_\_\_\_\_

Date of issue: \_\_\_\_\_ Valid till: \_\_\_\_\_

# APPLICATION FORM

Fill the form according to your passport information.



## How did you first hear about the University of Debrecen, MHSC?

Newspaper advertisement  Please specify: \_\_\_\_\_

Internet  UDMHSC website

Representative/Agency

Name of representative/agency: \_\_\_\_\_

Other  Please specify: \_\_\_\_\_

## Education history

High School \_\_\_\_\_

From (year) \_\_\_\_\_ To: \_\_\_\_\_

Grade completed: \_\_\_\_\_

University/College: \_\_\_\_\_

From (year) \_\_\_\_\_ To: \_\_\_\_\_

Degrees/Diplomas: \_\_\_\_\_

## Program of study you would like to apply to:

Basic Medicine Course September  General Medicine  Dentistry  Pharmacy

January  Public Health BSc  Physiotherapy BSc  Public Health MSc

- Please enclose:**
- High school/college diploma and transcript
  - A short CV in English,
  - The copies of the relevant pages of your passport and a passport sized photograph,
  - Proof of English proficiency,
  - A cheque of 150 USD non-refundable application fee.

## The application form is also downloadable at [www.edu.dote.hu](http://www.edu.dote.hu)

The application form for transfer request is available on our website ([www.edu.dote.hu](http://www.edu.dote.hu)) (for more information please send an e-mail to [info@edu.unideb.hu](mailto:info@edu.unideb.hu))

I understand that there is no possibility for changing between the different programs as declared above.

Date: \_\_\_\_\_

\_\_\_\_\_

Signature

# Accommodation

To find the best place to live, contact the University's partner agency TROUBLESHOOTER. Troubleshooter can reserve a place in one of the student hostels available for foreign students in the campus area. Moreover, they can also help you search for flats to rent for a reasonable service fee. Please check their website for further information about their range of services including airport pickup and 24-hour call center service at [www.troubleshooter.hu](http://www.troubleshooter.hu).

The student hostels are situated in the campus area. The blocks are made up of mainly one-room and a few two-room and three-room apartments. Each apartment has its own kitchen (fridge, microwave oven, electric cooker, pans) and bathroom. Rooms are equipped with telephone, TV set and Internet connection. Computer room, fitness room, sauna, laundry room, car park use and other services are also available at the hostels.

For more information on the dormitories please go to [www.augusztahotel.hu](http://www.augusztahotel.hu) and [www.westhostel.hu](http://www.westhostel.hu) or contact Troubleshooter at [www.troubleshooter.hu](http://www.troubleshooter.hu)





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