



STUDYING HUMAN MEDICINE AT THE  
**UNIVERSITY TARGU MURES**  
**MEDICAL CAMPUS HAMBURG**



# MEDICAL STUDIES AT UNIVERSITY TARGU MURES MEDICAL CAMPUS HAMBURG

Follow your calling. Start your English language medical studies in Hamburg – without a waiting period or admission restrictions based on school grades.

Excellent research, interdisciplinary, practical – you will set the course for your career as a doctor with your medical studies in Hamburg.

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## 1. Preface

# 1.1. RECTOR'S GREETING

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**Dear Colleagues, Students and Professors,**

The University of Medicine, Pharmacy, Science, and Technology of Targu Mures (UMFST of Targu Mures) is an emblematic institution of the Romanian national higher education system, which provides education in medical and pharmaceutical sciences, together with scientific research, and national or international cooperation in the field. During its more than 70 years of experience, the University has been promoting both social and performance requirements: quality, competitiveness and competence.

The Faculty of Medicine, an integral part of the university, places the future physician in the center of its actions. The teacher-student partnership, implicitly established during six years of study, developed step-by-step in a dynamic, competitive and transparent framework, finally leads to the formation of generations of young physicians integrated into the international medi-

cal field.

The study program that our university has been offering to international students since October 2019 in Hamburg is intended to be the perfect link between tradition and innovation, generosity and exigency, as well as the deepening of human relationships and exploiting the benefits of modern technology, with the transparent undertaking of the medical education process.

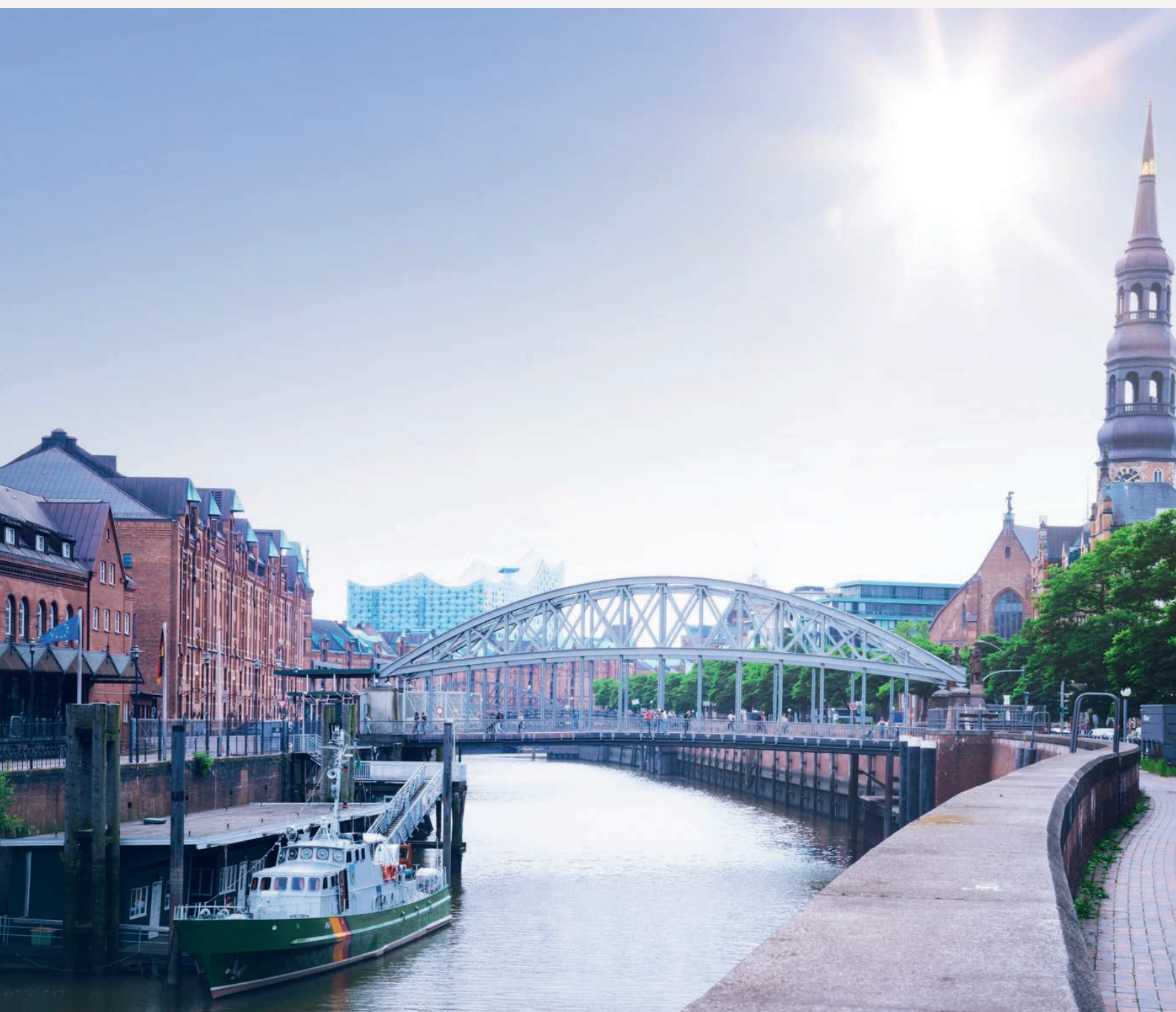
Guided by an experienced teaching staff in a modern, motivating, high-standard campus, we will follow the path of discovering one of the noblest professions. I am convinced that we will fulfill your dreams and visions of the cultures you represent through joint commitment, cooperation and responsibility, and train you to become adept doctors.

I am looking forward to welcoming you to our university and building a dynamic, innovative and performing academic community together!



A handwritten signature in blue ink, reading "L. Azamfirei".

**Rector,  
Prof. Leonard Azamfirei, Ph.D.**



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## 1. Preface

# 1.2. REASONS FOR UMCH

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### The Dream of Studying Medicine

The fight for study slots in human medicine is a well-known complaint in Germany: For years, far more students apply to study medicine than there are places available. Thus, the numerus clausus continuously increases. Even students with an average highest grade of 1.0 on their final school transcript are not guaranteed a slot at a German state university – and those with an Abitur grade of 2.0 or worse have to endure long waiting times until they are finally admitted to one. Over the years, the situation has deteriorated further, due to the suspension of compulsory military service and the big number of high school graduates. Given the long duration of the process, not even filing a lawsuit to obtain a slot is a surefooted solution nowadays.

Therefore, for many high school graduates, going abroad is the only option to fulfill their

dream of studying medicine. At the moment, there are a large number of universities abroad that offer medical studies in English.

Moving to a foreign country while simultaneously beginning a very demanding course of study, however, means a double change for many high school graduates and thus represents a great challenge. On top of this, the separation from their friends and family can be very hard as well.

By studying at the University Targu Mures Medical Campus (UMCH), you are able to fulfill your dream of studying medicine without having to move abroad. At the same time, the international context and the lessons in English will broaden your horizon and promote your linguistic competence.

## Medical Studies Without Waiting Time or Admission Restrictions Based on School Grades – in Germany

With the introduction of UMCH, a forward-looking training concept for prospective doctors has been developed that enables you to study medicine in an excellent international environment – without delays or admission restrictions based on school grades. This means that you do not have to wait to enroll. You can start your studies at the same time as those enrolled via hochschulstart.de – without having to move abroad.

At UMCH you will study at a state university and enjoy the advantages of a private university. Because the courses take place

in small groups, you benefit from a more intensive and personal guidance than in a state university. Your questions, needs and learning progress can be better managed and your talents better promoted.

The studies are conducted in English. The school English skills of German high school graduates are usually sufficient for this. Medical terminology is taught in the first semesters.

Do not worry – most of our students are not native speakers.



## New Location – Proven Concept

The study program at UMCH was conceived in accordance with the values and the experience of a prestigious and traditional university that has stood for excellence in research and teaching for so many years. The campus offers an innovative educational concept in an attractive location that is conceived in accordance with the latest state of the art in science.

UMCH's study concept combines research, teaching and practice and offers its students a high-class practice – and science-oriented education. In addition to the imparting of knowledge by renowned lecturers, great importance is attached to the development

of psychosocial skills in medical education. Besides the close connection of theoretical basic subjects to clinical practice, these are elementary on the path towards a medical profession.

UMCH stands for professionalism and quality – we offer our students a practice-oriented education through the latest methods and latest medical technology in a dynamic learning environment.

We do our best to turn you into competent physicians prepared for the challenges of a health system that changes constantly, while actively contributing to its development.



Hamburg: Studying in one of the most attractive cities in Germany

## Your Advantages at a Glance



No waiting period or admission restrictions based on school grades



Medical studies in one of the most attractive cities in Germany



EU-wide recognition



First-class study concept of a prestigious university, steep in tradition



Optimal study conditions: small groups, intensive guidance, practice-oriented

## 2. The University

# 2.1. ABOUT THE UNIVERSITY

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### Foundation

The University of Medicine, Pharmacy, Science, and Technology of Targu Mures (UMFST) is a national university of medicine located in the Romanian city of Targu Mu-

res. Targu Mures is located in the region of Transylvania. The university was founded in 1945 as a branch of the Babes-Bolyai-University in Cluj-Napoca. It has been operated independently since 1991.

### About the University

More than 11,000 students are learning at the UMFST of Targu Mures. This makes it the largest university of medicine in Romania. The medical field comprises three faculties: the Faculty of Human Medicine, the Faculty of Dentistry, and the Faculty of Pharmacy. Due to the international orientation of the university and the multicultural region, various bachelor, master and

doctoral programs are offered in Romanian, English and Hungarian.

The opening of UMCH means the opening of the first branch of the UMFST of Targu Mures in Germany, where students can study human medicine in English – without admission restrictions based on school grades.



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More than 11,000 students are learning within the UMFST of Targu Mures. This makes it the largest university of medicine in Romania.

## Internationality

The university collaborates with more than 91 international partners. The cooperation with prestigious medical universities from various European countries has a substantial contribution to the further development of the evidence-based research. International experts, deeply involved in both scien-

tific research and medical education, bring their expertise and knowledge to the university's ambitious projects. The university maintains a worldwide network of 49 partner universities. Students can spend one or more semesters in Italy, France, Austria or Turkey to gain valuable experience abroad.

## Research

The UMFST of Targu Mures has research laboratories with advanced equipment, providing a high-quality research infrastructure on an international level and thus serving as a reference center for both basic and clinical medical research in Romania. In addition to a DNA and plasma bank, the research complex in Targu Mures includes several high-technology laboratories with latest gene-

ration equipment: immunology, molecular biology, genetics and others.

The results from this highest standard of scientific activity are reflected via research partnerships, innovative patents, publications in prestigious journals as well as the organization and participation in national and international scientific congresses.

## Sports

Sports are highly appreciated at the UMFST of Targu Mures. Students can choose from a wide range of sports such as football, handball or basketball. Sports lessons are even integrated into the curriculum. The university provides modern sports facilities for this

purpose.

UMCH's study program includes mandatory sports lessons and therefore collaborates with a modern sports complex located in the immediate vicinity of the campus.



## 2. The University

# 2.2. EDUCATION

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### Practice-oriented Education

At UMCH, students receive an innovative and practice-oriented academic education at one of the most modern campus locations in Europe. Throughout their studies,

they are intensively guided by a prestigious team of professors, lecturers and international specialists.

### Outstanding Quality of Education

The ultimate goal of UMFST of Targu Mures as an educational institution is to ensure high-quality medical education as well as the continuous development and promotion of scientific research. In addition, the study concept places great importance on adapting the theoretical contents of the studies as

well as the practical skills of the graduates to the requirements of the job market.

Apart from theoretical expertise and research methods, the mission of the university is to promote critical thinking and a lively exchange between teachers and students.

### Extensive Practical Experience

By working in small groups and through preparatory simulation exercises, students acquire in-depth knowledge and expertise. They also learn how to approach patients and how to talk effectively to them.

They should learn at an early stage how to apply theoretical knowledge in real contexts and gain practical experience. For this reason, many hours of practical training have been integrated into the curriculum. Beginning with the third academic year, practical training is taking place within cli-

nical disciplines under the guidance of specialized academic staff.

The practical part of the study will be organized in small groups so that students are able gain a lot of practical experience in the main campus of the UMFST of Targu Mures in Romania. Furthermore, we cooperate with clinics from all over Germany. The first teaching hospitals in Germany are already working with us, such as the Protestant Hospital Mettmann, the Diakonissen-Foundation-Hospital of Speyer or the St Josef Hospital in Moers.

## 2. The University

# 2.3. MISSION STATEMENT

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### University Philosophy

The mission statement of the UMFST of Targu Mures is not only an orientation framework but also a self-perception and commitment for all university members. The self-formulated principles form the funda-

mentals of university teaching, learning and action. The overriding goal is the generation of knowledge and its transmission to society. The same principles apply also to UMCH as the German branch of the university.

**1**

#### Training and Further Education of Highly Qualified Junior Staff

The UMFST of Targu Mures is dedicated to the holistic academic training of international junior medical staff. This is implemented through research-and practice-oriented teaching as well as the promotion of interdisciplinarity.

**2**

#### Promotion of Values

The enrichment and transmission of scientific, cultural, social and ethical values in the medical and pharmaceutical fields is also part of the university's profile.

**3**

#### Critical Thinking

In addition to imparting theoretical and practical knowledge, the focus of the studies is also on promoting critical thinking.



4

**Scientific and Cultural Development**

The UMFST of Targu Mures is committed to constant cultural and scientific innovation processes in the medical-pharmaceutical sector.



5

**Internationalization and Tradition**

The confirmation of national scientific principles and their integration into the European research network are of great importance for the UMFST of Targu Mures.



6

**Principle of Freedom and Democracy**

The development of consciousness and personality of each individual as well as liberal-democratic principles are essential components of the university's philosophy.



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In addition to imparting theoretical and practical knowledge, the focus of the courses is on promoting critical thinking.



## Excellent Guidance and Support

The teaching in small groups on a state-of-the-art teaching and research campus guarantees a high-quality medical education.

In the basic and supplementary subjects as well as during clinical internships, there is an excellent relationship between teachers and students. Students maintain close contact with the lecturers and enjoy outstanding medical instruction.





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The students maintain close contact with the lecturers and receive an excellent medical education.

## International Focus

Thanks to the strong international orientation of the university, students are offered the opportunity to participate in groundbreaking congresses and symposia all over the world and to gain insights into a lot of multidisciplinary projects.

UMCH's training model and network will enable and encourage future graduates to work within various EU health systems.



The aim of UMCH is to train competent physicians. The graduates should be able to meet the requirements arising from new scientific findings and the needs of a constantly changing society – a patient-oriented attitude is the highest premise.

Our aim is to teach modern medicine that does justice to the complexity of human health and can offer to each patient the best possible care in their individual state of

health.

For us, knowledge transfer goes hand in hand with personal development. We provide our students with specialist expertise and social skills in dealing with patients. We will grant the best possible support during your studies by providing you with the necessary skills and infrastructure for an excellent academic education.

## Elementary components of our training



An optimally coordinated curriculum



The promotion of self-organized and self-responsible learning



The continuous evaluation of the lectures



An excellent relationship between teachers and students

## 2. The University

# 2.4. TEACHING HOSPITALS

We cooperate with a vast number of university hospitals and medical partner institutions. Thus, we are not only making a contribution to assuring medical care but are also setting up innovative and interdisciplinary research projects based on collaborative teamwork. Starting in the third year, our students will gain comprehensive practical skills and complete their clinical traineeships in partner clinics and institutes throughout Germany. They practice interaction with patients, get to know their future working day, and gain routine.

### Partner institutions of UMCH

The list of UMCH cooperation partners is constantly expanding. On the following pages you will find an excerpt of our teaching hospitals.





### Protestant Hospital Mettmann

The Mettmann Protestant Hospital has 16 medical departments. From General Internal Medicine, Endocrinology, Cardiology and Vascular, Neuro and Trauma Surgery to Interdisciplinary Intensive Care Medicine – this university hospital offers UMCH students a broad spectrum of clinical disciplines in which they can gain practical experience. As a Protestant institution, patient-oriented treatment and the individual care of each individual are part of the hospital's philosophy. A highly qualified team of 60 physicians and over 400 nurses ensures that the approximately 26,000 patients treated annually receive the best medical care according to the highest standards and with the help of the latest technologies and treatment methods.



### Diakonissen-Foundation-Hospital Speyer

The Diakonissen-Foundation-Hospital Speyer provides excellent medical care in 11 specialist departments. In 2018, more than 48,000 patients were treated here. As a hospital with a Christian paradigm, the holistic and interdisciplinary view on people and the care of patients characterized by benevolence are the most important aspects of treatment. In the Diakonissen-Foundation-Hospital Speyer, UMCH students gain insight into various medical fields, including paediatrics, geriatrics, orthopaedics and trauma surgery, pain and palliative medicine and urology. The aim of the hospital is the best possible medical care for all those who consult the hospital for medical treatment.



### St. Josef Hospital Moers

The traditional clinic in Moers – located near Duisburg on the Rhine – has many years of experience as a teaching and training facility due to its long-term cooperation with the St. Bernhard Hospital Nursing School in Kamp-Lintfort, which has existed since 1990. In addition, the St. Josef Hospital in Moers comprises more than 10 departments – including anesthesia, neurology, rheumatology, cardiology and nuclear medicine. The clinic, which has been in existence since 1908, thus offers ideal conditions for UMCH students to apply the knowledge they have learned on campus in Hamburg in practice. Starting in the third academic year, UMCH students will be able to practice dealing with patients there. At the St. Josef Hospital in Moers, the focus is always on patient orientation. The guiding principle of the hospital is „Nothing is so good that it cannot be improved“.



### Knappschaftskrankenhaus Bottrop

The Knappschaftskrankenhaus Bottrop is a modern and efficient hospital with currently 372 beds. It comprises the following 10 clinics: Surgery, Vascular Surgery, Internal Medicine, Angiology, Cardiology, Nephrology/Dialysis and Rheumatology, Neurology, Radiology/Nuclear Medicine, Urology as well as Anesthesiology and Intensive Care Medicine. In addition, the Knappschaftskrankenhaus Bottrop is an academic teaching hospital of the University of Duisburg-Essen. With two new buildings, in which last year a regionally certified stroke unit, three newly built peripheral bed wards and two comfort wards opened in addition to a new 22-bed interdisciplinary intensive care unit, the good infrastructure of the hospital was further developed in a future-oriented manner. A neurological rehabilitation clinic with 32 inpatient beds and 60 full-day outpatient therapy places is connected to the hospital.



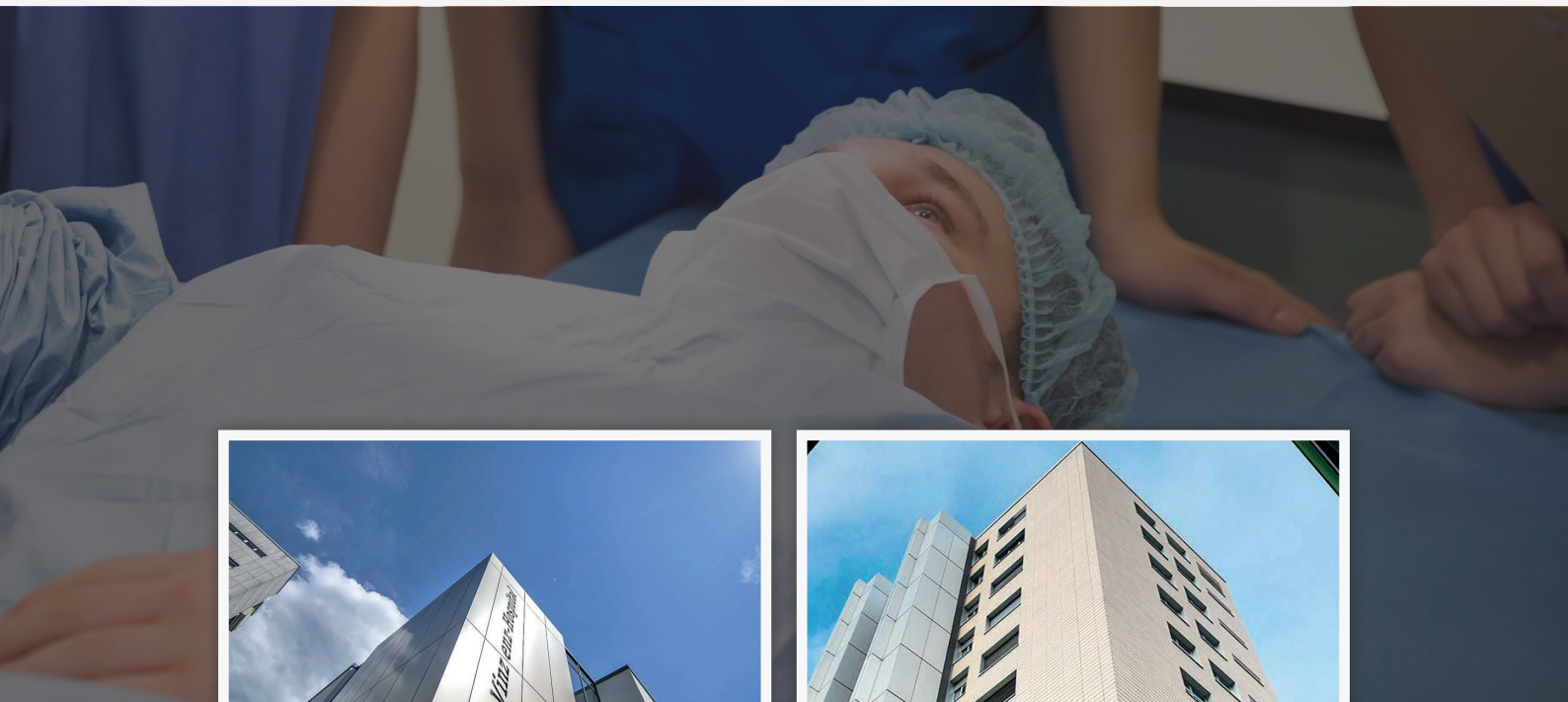
### Klinikum Vest, Recklinghausen

The Klinikum Vest was created in 2008 from the merger of two existing hospitals – the Paracelsus-Klinik Marl and the Knappschafts-krankenhaus Recklinghausen. Back then, the two facilities already had a history of more than 50 and 100 years, respectively. In the meantime, 19,500 inpatients and a further 54,700 outpatients are treated annually in a total of twelve specialist departments at Klinikum Vest. The Klinikum Vest always focuses on the individual – regardless of religion, social group or ethnicity. The two hospitals have each specialized in different areas, so that UMCH students can draw on outstanding expertise during their practical stay at the hospital bed. The willingness of Klinikum Vest to change and cooperate, the formation of specialist centers and the networking of established doctors enable the two hospitals to respond optimally to each individual patient. The basis for this is both proven scientific knowledge and the use of modern technology.



### Bergmannsheil and Children's Hospital, Buer

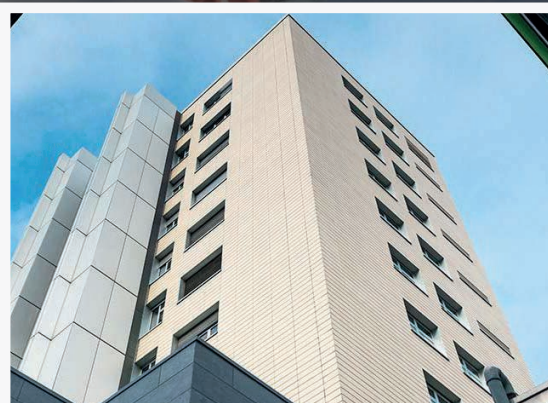
The Bergmannsheil and Children's Hospital of Buer was founded in 2002, when the Knappschafts-krankenhaus Bergmannsheil Buer and the Children's Hospital Gelsenkirchen merged. The Bergmannsheil Buer had existed for more than 80 years at that time. Since its foundation, it has been continuously expanded and modernized. Meanwhile a total of 13 specialist departments belong to the Bergmannsheil and Children's Hospital, where about 10,000 patients are treated annually. In order to maintain the quality level, the hospital's employees regularly take part in advanced training courses. During the men's football World Cup in 2006, the hospital was run as a reference hospital for all participating athletes, coaches and officials. During their practical training phase at the clinic, which places great value on respect, honesty and trust when dealing with its patients, the UMCH students will find excellent conditions for implementing the knowledge they have acquired on campus in Hamburg at their bedside.



### **St. Vincent Hospital Dinslaken**

The St. Vincent Hospital Dinslaken was founded in 1883 and thus looks back on a history of more than 100 years. As a Catholic hospital for standard care, it now has 8 specialist departments. In addition, the hospital has a Social Pediatric Centre and a Central Emergency Room. Here, 17,000 inpatient and 49,000 outpatient treatment measures are carried out annually. Great importance is attached to the well-being of everyone – the patients, but also the hospital's employees and customers. Another focus of St. Vincent Hospital is interdisciplinarity: In addition to the various specialist departments, it also has, among other things, inpatient and outpatient physiotherapy, a sleep laboratory and an obesity center.

The hospital is certified according to DIN EN ISO 9001 and the berufundfamilie (career and family) audit.



### **Kreiskliniken Darmstadt-Dieburg**

The hospital group District Hospitals Darmstadt-Dieburg is divided into the district hospitals Groß-Umstadt and Jugenheim. The district hospital Groß-Umstadt was founded in 1968. Since then there have been numerous conversions and extensions which have contributed to the constant improvement of the hospital operation. In 1969, for example, an in-house nursing school was built. Most recently, the psychiatric department „Center for Mental Health“ was added in 2009. The hospital has a total of 13 specialist departments in which students can gain practical experience at the bedside from the 3rd year of study onwards. The district hospital Jugenheim was founded in 1947 and houses the specialist departments of Orthopedics and Traumatology as well as the Center for Acute and Postacute Intensive Care Medicine. More than 800 endoprosthesis and replacement operations on loosened joints are performed annually in the specialized orthopedic trauma surgery facility.

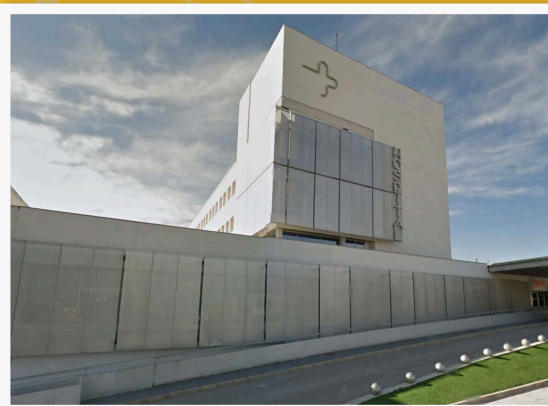


Complete your bedside teaching abroad.

## Bedside teaching also possible abroad

In addition to our German network of teaching hospitals, we also cooperate with a number of hospitals and clinics in other European countries. This gives students the opportunity to gain insight into other healthcare systems and cultures. The number

of institutions in Germany and abroad where students can take part in bedside teaching during the clinical part of their studies is constantly increasing.



## Spain

In Spain, UMCH cooperates with the hospital association Union Murciana de Hospitales y Clínicas (UMHC). The facilities of the association are all located near the Mediterranean Sea in the region of Murcia. Here, UMCH students can complete their bedside teaching – at year-round summer temperatures – in hospitals of various sizes, nursing homes or special facilities, such as a psychiatric clinic. So far, they can choose from 15 facilities – a number that can be increased if necessary.

- Clínica Nuestra Señora de la Salud
- Clínica San Felipe del Mediterráneo
- Hospital Asilo Real Piedad
- Hospital Bernal
- Hospital Centro Médico
- Virgen de la Caridad
- Hospital de Molina
- Hospital HLA la Vega
- Hospital Mesa del Castillo
- Hospital Perpetuo Socorro Cartagena
- Hospital Quirónsalud Murcia
- Hospital Residencia Villademar
- Hospital San José Viamed
- Hospital Virgen de Alcázar
- Residencia Los Almendros
- Santo y Real Hospital de Caridad

Excellent  
career prospects  
after graduation.



### 3. Degree's Program

## 3.1. STUDY PROGRAM

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The UMCH degree is an accredited 6-year study program. After graduation it grants you the possibility to apply for the license to practice medicine. The degree is also recognized through the high grades needed in order to study at a state university. We want

to encourage and support them individually on their way to achieving their goals. Theoretical knowledge alone does not make anyone a good physician – we rely on a concept blending research, teaching and practice.

### 01 Practice-oriented Study

Patient-oriented and practice-oriented, science-based and focused on innovative research: The UMCH degree program in human medicine offers an academic education at the highest level.

### 02 Aim of the Study

The main goal of the study program is to provide students with a holistic introduction to all fields, skills and abilities relevant to the profession. This includes the teaching of basic knowledge about bodily functions, the learning of human pathology – including emotional aspects as well as the acquisition of knowledge and skills needed for diagnostics, therapy, prevention and rehabilitation – and the development of communication skills.

### 03 Studying in Germany

The pre-clinical phase takes place predominantly in Germany. The first three years of study include three modules of two weeks each that are completed in Targu Mures. The clinical phase (third to the sixth year) can be completed in clinics from all over Germany (Option A) or in Targu Mures (Option B). The degree in human medicine comprises six years altogether. The language of instruction is English. Bedside teaching in German hospitals will be held in the German language.

### 04 Bologna Conformity

The study of human medicine begins annually in October. Each academic year consists of 28 weeks of teaching divided into two semesters (Autumn/Winter and Spring/Summer). The use of the European Credit Transfer Systems (ECTS) guarantees the EU-wide comparability and Bologna-conformity of the curriculum.

### 3. Degree's Program

## 3.2. WHAT OUR LECTURERS SAY

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### Biochemistry

Biochemistry is the chemistry of life, as chemical molecules produced in our body can interact and through biochemical processes, can generate the physiological status, feelings, emotions and the essence of who we are as human beings. That's why it's such a fascinating subject.

**Prof. Amelia Tero-Vescan**



### Anatomy

Only due to the history of anatomy as a subject of science did we as human beings start to understand the functions of our different organs and other structures of our bodies. By having a comprehensive understanding of the fundamental functions of these structures, we are capable of analyze and dissect complex medical interrelations within our bodies.

**Prof. Mircea Muresan**

## 3. Degree's Program

# 3.3. ACCREDITATION

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### Official Accreditation

The UMFST of Targu Mures and all its study programs are accredited by the Romanian Agency for Quality Assurance in Higher Education (ARACIS). Moreover, the university is marked with the highest status H+ by the information portal for the assessment of foreign educational qualifications (anabin) published by the Standing Conference of the Ministers of Education and Cultural Affairs of the States in the Federal Republic of Germany. Therefore, it is regarded as a higher edu-

cation institution in Germany.

It is a full member of the European Association for Quality Assurance in Higher Education (ENQA). In 2013 and 2017 the university was evaluated from the Institutional Evaluation Programme (IEP) (conducted by the European University Association (EUA)). In addition, the Quality Management Standard (ISO 9001: 2015) was introduced and certified by TÜV AUSTRIA CERT GMBH.

### International Recognition

Medical studies at UMCH lead to a university degree in human medicine, which entitles the holder to obtain a license to practice medicine throughout the EU and in many other countries and is fully equivalent to the German medical examination and to human medicine degrees from all other EU countries. Moreover, on the basis of the EU Directive on the Recognition of Professional Qualifications (2005/36/EC), this qualification is automatically recognized. An additional examination in Germany is not required. The degree thus opens the way for UMCH graduates to practice as doctors throughout the EU. When applying for a license to practice medicine in Germany, however, it should be noted that in comparison to holders of a German degree in human medi-

ne, additional proof of sufficient knowledge of German must be provided (B2 in general and C1 with regard to medical terminology). For holders of a high school diploma from a German-speaking country, however, this requirement is generally not applicable.

Moreover, the UMFST of Targu Mures is listed (FAIMER-school ID: F0000226) in the World Directory of Medical Schools (WDOMS). This enables students to take the American state examination (USMLE – United States Medical Licensing Examination).

A total of 360 ECTS points is earned during the 6-year course. Each academic year contains 60 ECTS points.

### 3. Degree's Program

## 3.4. CONTENTS OF THE STUDY PROGRAM

#### 1st Academic Year

The first year of study serves as an introduction to medical basics. During this year, students are taught the elementary knowledge of the human body. The main subjects are anatomy, physiology, cell and molecular biology as well as biochemistry. The students should learn at an early stage to apply their knowledge from the pre-clinical subjects in the clinical context.



#### 2nd Academic Year

In the second year, among other things, students deal with genetics and histology, and topics such as first aid or doctor-patient communication.

#### 3rd Academic Year

The following year will focus on pharmacology, medical and surgical symptomatology, pathology, bacteriology, immunology and scientific research methods.



### 4th Academic Year

Internal and emergency medicine, endocrinology, urology, orthopaedics, traumatology, general and paediatric surgery are the central subjects of the fourth year of study.



### 5th Academic Year

The range of courses in the fifth year includes pediatrics, ophthalmology, pulmonology, neurology, aesthetic and reconstructive surgery, oncology and rheumatology.

### 6th Academic Year

In the final year of their studies, students finally deal with infectious diseases, epidemiology, obstetrics and gynecology as well as forensic medicine.





## Variety of Optional Courses

Through optional courses, you can focus on different aspects of your studies and lay the foundations for your future specialization.

Each academic year, different optional courses are offered. They complete the wide range of subjects. Students can take the following optional courses:

**1st**

### Academic Year

- Fundamentals of Biology
- Fundamentals of Chemistry
- Fundamentals of Physics

**2nd**

### Academic Year

- Clinical Anatomy
- Career orientation in the medical profession
- History of Medicine

**3rd**

### Academic Year

- Legal responsibility in the medical profession
- Alternative Medicine

**4th**

### Academic Year

- Gastrointestinal Endoscopy
- Allergology

**5th**

### Academic Year

- Interventional Cardiology
- Palliative Care
- Neurosurgery

**6th**

### Academic Year

- Clinical Homeopathy
- Geriatrics

### 3. Degree's Program

## 3.5. TUITION FEES

### Investing In Your Future

The financial expense for studying at the UMCH is an excellent investment in your professional life. The money also flows into your education: We offer you the latest standards in terms of facilities and equipment, highly qualified academic staff, intensive all-round support during your studies and everyday life, and a wide range of extracurricular activities.

There is a constant demand for physicians in Germany and other western European countries – your career prospects after graduation are therefore very good.

If you can start your career earlier as a doctor instead of waiting for a long time in Germany, then you will have earned the costs of your studies again after only a few years - not to mention the time you have left unused by "endless" waiting.

### Tuition Fees

#### Option A

##### Study Medicine in Germany (6 years)

**1st year  
to 2nd year  
in Hamburg**

PER SEMESTER

€ 12,500\*<sup>1/2</sup>

**3rd year to 6th year  
in Hamburg and  
teaching hospitals  
in Germany**

PER SEMESTER

€ 14,000\*<sup>2</sup>

#### Option B

##### Study Medicine in Hamburg and Targu Mures (6 years)

**1st to 2nd year  
in Hamburg**

PER SEMESTER

€ 12,500\*<sup>1/2</sup>

**3rd year to 6th year  
in Targu Mures**

PER SEMESTER

€ 3.000\*<sup>2</sup>

### Additional costs

**Application fee**

ONE-TIME FEE

€ 450\*<sup>3</sup>

**Enrollment fee**

ONE-TIME FEE

€ 3.500\*<sup>4</sup>

\*<sup>1</sup> The tuition fees for the first academic year are due simultaneously with the conclusion of the contract.

\*<sup>2</sup> The tuition fees are due in advance for each additional semester as follows:

- for the winter semester: on June 15 of the year in which the winter semester begins;
- for the summer semester: on December 15 of the year immediately preceding the summer semester.

\*<sup>3</sup> In order to submit an application for admissions, all students are required to pay an application fee. The application fee is a one-time fee for all services related to the application process – including guidance, support and organization.

\*<sup>4</sup> The payment of the enrollment fee is a prerequisite to start studying at UMCH and must be made no later than 14 days before medical studies begin.



Excellent  
career prospects  
after graduation



## 4. Student Life

# 4.1. CAMPUS

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UMCH is located in Hamburg's Bahrenfeld neighborhood. It is easily accessible by car as well as by public transportation. Bahrenfeld belongs to the Altona district – one of the greenest areas of Hamburg that offers a very high quality of life.



### International Branch

The University Targu Mures Medical Campus Hamburg (UMCH) is a branch of the national University of Medicine, Pharmacy, Science, and Technology of Targu Mures (UMFST). UMCH enables you to study medicine without waiting time or admission restrictions based on school grades. The campus is situated in Hamburg's Bahrenfeld neighborhood, also known as Science City, which is one of the most attractive educational locations in Germany.



### Excellent Equipment

The campus offers students the most modern facilities, such as multimedia lecture halls, learning and IT areas with excellently equipped workstations.



### Most Innovative Medical Technology

In laboratories with the latest medical technology and equipment, students are taught the required medical skills and have the opportunity to conduct research-based experiments. These include laboratories for biology, chemistry and microscopy.



### Digital Learning

The medical students are taught with the help of the Anatamage Table – a virtual 3D anatomy and dissection table – the most technologically advanced system for anatomy visualization. The use of this innovative technology helps medical students to explore the anatomy of the human body in a varied and vivid way. With the help of 3D representations, anatomical structures can be interactively conveyed and organs, blood vessels and nerve fibers can be viewed from every angle.



### Sports

Only those who keep themselves physically fit can fully take advantage of their studies and deliver top performance later in their working lives. Therefore, the curriculum includes mandatory sports lessons. UMCH cooperates with a modern sports complex located in the immediate vicinity of the campus.

## 5. Studying in Hamburg

### 5.1. THE CITY

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Hamburg is undisputedly a great city and a highly attractive place to study. As an educational and research location, Hamburg is the center of several prestigious educational institutions, institutes and research centers – its economic and scientific significance makes the city a top location for medical studies. Hamburg is characterized by an impressive history, reflected in particular by its multi-faceted architecture. The historic Speicherstadt (historical warehouse district) is a UNESCO World Heritage Site, while the harmony between the futuristic HafenCity and the Old Town form an interesting cityscape. Moreover, the numerous canals and the bridges – more than Amsterdam and Venice combined – give the city its unique flair.

There are no limits to leisure activities in Hamburg: The impressive Elbe Philharmonic

Hall, the traditional Altona Fish Market, the Hamburg DOM as the largest folk festival in the north, the Cruise Days, the Miniature Wonderland, around 60 theatres and more than 60 museums as well as internationally renowned galleries, the International German Tennis Championships on Hamburg's Rothenbaum, the annual marathon, the Cyclassics and the birthday celebration of the city's harbor are just a small selection of the wide range of sports, cultural and leisure alternatives the city has to offer. The Alster and the Elbe offer numerous recreational opportunities; the North Sea is just as easy to reach as the towns of Lübeck and Lüneburg.

The fact that it rains more in Hamburg than in other German cities is an eternal myth. On average, with just 130 rainy days a year, we have 40 less than the people of Munich.

## At a Glance: Reasons to Love the City



### High Quality of Life

The Free and Hanseatic City of Hamburg lies in northern Germany and is both a city state and a federal state. With over 1.8 million inhabitants, it is the second largest city in Germany after Berlin. Hamburg is known as a media and start-up center, has a vibrant cultural scene and is one of the cities with the highest quality of life in the world.



### Germany's Gateway to the World

"Germany's Gateway to the World" – the Harbor of Hamburg – is one of the world's largest transshipment harbors, and the third largest harbor in Europe, which makes the city one of the most important logistics locations in Europe. Hamburg's location on the waterfront and the numerous canals that make their way through the city are just as much part of Hamburg's cityscape as its typical brick facades. The Speicherstadt (historical warehouse district) and the Kontorhausviertel (Kontorhaus quarter) are listed as UNESCO World Heritage Sites and the Elbphilharmonie (Elbe Philharmonic Hall) became one of the city's main landmarks in 2017.



### Hamburg as a University City

With both private and state universities, Hamburg is one of the most important university cities and research locations in Germany. As a result, the city has a diverse mix of students and nightlife.



### Cultural Diversity

Hamburg is the third largest location for musicals in the world, after New York and London. "The Lion King" and "The Phantom of the Opera" are two classics that run continuously at the theatre in Hamburg. Because of the festivals, musicals, concerts and theatre performances as well as the internationally known St. Pauli quarter, there is always something to experience in Hamburg.



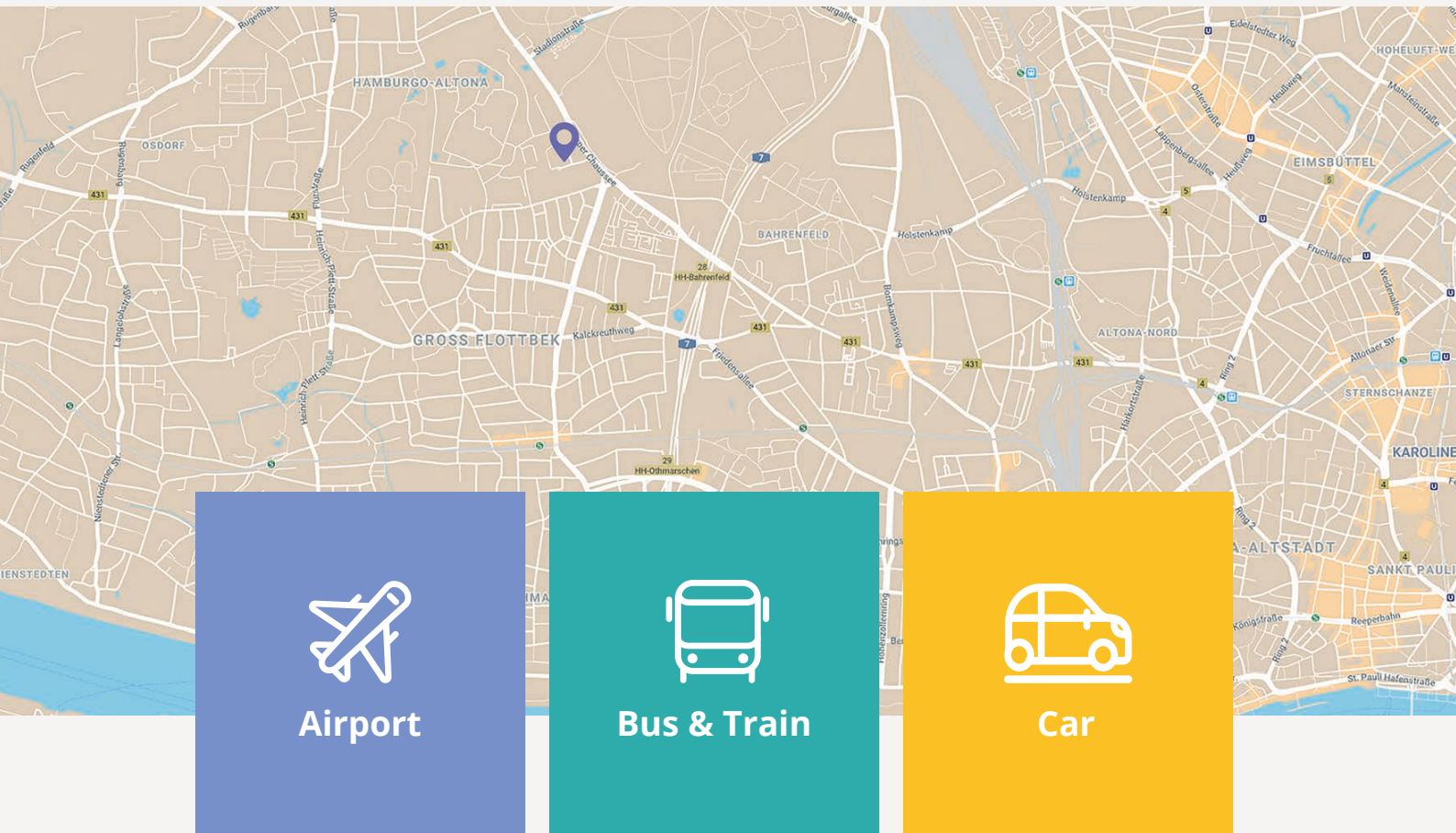


Hamburg is regarded as  
one of the cities with the highest  
quality of life in the world.



## 5. Studying in Hamburg

# 5.2. TRANSPORTATION LINKS



Hamburg's airport is one of the most modern airports in Europe. A total of around **60 airlines** operate here, providing good connections to many European cities and the whole world. Hamburg Airport is the hub of Eurowings, EasyJet and Ryanair. The airport can be reached from the city center in just 25 minutes by **S-Bahn line S1**.

Hamburg is **one of the largest railway hubs in Northern Europe**. From Hamburg central station you can reach Berlin, Frankfurt, Düsseldorf or Munich by train in a few hours and reach almost every other city in Germany and Europe comfortably. In addition to the main station, there are train connections from several other long-distance stations. Long-distance buses also run from the ZOB (located at the main railway station) to a variety of national and international destinations.

The A1, A7, A23 and A24 highways and numerous federal highways connect Hamburg with the rest of Germany. If you want to travel by car, you can reach the Baltic Sea or Berlin and Bavaria directly.

## 6. Admission

# 6.1. REQUIREMENTS

Good grades at school do not make a good physician. Our experience has shown that cognitive abilities, psychosocial skills and a high level of motivation are the most important prerequisites in order to successfully complete medical studies. This is why the UMFST of Targu Mures places great importance on these qualities when selecting its students.

The selection of future medical students will be made by based on the written application documents and the admission procedure, which consists of a brief evaluation and a motivation-based interview in English. The evaluation includes 75 mul-

tiple choice questions on the topics of biology, chemistry and general knowledge. All three subjects are weighted equally. The interview primarily focuses on the personal qualification and motivation of the applicant. The results of the written test and the personal interview are included in the applicant's overall assessment in a ratio of 60:40.

The prerequisite for studying at UMCH is a general university entrance qualification. It is also possible to apply with a non-German school diploma – providing that the respective degree corresponds to the German Abitur (e.g., A-Levels or International Baccalaureate). Applicants with a different higher education entrance qualification should contact the UMCH team for further information.

**You can (and should) submit your application before you receive your high school diploma.**

Your big advantage with an early application: You can secure your place early on and plan your studies and your life in Hamburg without worrying. If you already have a place, you can travel, work or gain valuable experience for your studies during the months leading up to them.



## 6. Admission

# 6.2. APPLICATION PROCESS

In the application portal ([apply.umch.de](https://apply.umch.de)) you can upload application-relevant documents such as school, work and internship certificates, reference letters or course certificates and enter your personal details. You may save your application form at any time so that you can continue your application later, change or delete details. You can upload all the necessary information and documents online – the UMCH Student Advisors will support you in preparing your application documents and help you with all further steps of the application process. Only after successful admission do the application documents have to be sent to the university as hard copies.

If the evaluation of the application documents regarding the admission requirements is suc-

cessful, the applicants will be invited to take part in the admission procedure. First, they take a short evaluation and then a motivation-based interview. The 90-minute evaluation assesses the applicant's level of competence in biology, chemistry and general knowledge. The 15- to 20-minute interview aims to determine the applicant's ability and motivation to successfully complete medical studies in English. This may also include questions about the application documents you have submitted (e.g. work or internship certificates for previous activities in the medical field or volunteer work etc.).

After the interview and the evaluation, the results will be submitted via E-mail within a maximum of 48 hours.

# 6.3. PREPARATORY COURSES

## Pre-Medical Course

The Pre-Medical Course is a 3-week program. It includes the subjects of biology, chemistry and physics. Above all, it serves to consolidate and expand your preexisting knowledge while gaining new skills in these areas. Throughout the course you will acquire a significant amount of scientific information – a basic requirement for medical studies – within a short period of time.

## College Semester

The 12-week college semester covers not only the natural sciences of biology, chemistry and physics, but also mathematics, biochemistry, anatomy and medical theory. Consequently, the semester also includes topics that were not covered at school. Thus, a considerable advantage in knowledge is built up, which will make it much easier for you to start your studies. At the end of the 12 weeks, all topics covered will be repeated. You can then take part in the UMCH admission procedure, which is a prerequisite for acceptance to UMCH.

## 6. Admission

# 6.4. CONTACT AND INFORMATION

### Information Events

We will be pleased to inform you about all details regarding the structure and procedure of your studies, the recognition, the application procedure and your chances of admission at one of our information events.

Visit one of our Info Days and get to know the campus in Hamburg. On our Info Days, we will introduce you to the human medicine course at UMCH and UMFST of Targu Mures.

The current dates can be found on our website

([edu.umch.de/en/events/](https://edu.umch.de/en/events/)).

We will be happy to advise you before and during your application. You can reach us at **+49 (0) 40 2093485-00**. You can also feel free to send us an e-mail at [info@edu.umch.de](mailto:info@edu.umch.de).

Apply now here: [apply.umch.de](https://apply.umch.de).



### Contact



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#### Service hours

**Mo. - Fr.: 9:00am – 6:00pm**



#### Application portal

[apply.umch.de](https://apply.umch.de)

## 7. CPE

# 7. UMCH AS A JOINT PROJECT

CPE Europe GmbH (CPE) enables the applicant/student to study medicine in Germany (option A), thereby making use of all academic services of the UMFST of Targu Mures in an accredited degree program and a campus building with modern equipment and administration and highly-qualified specialist lecturers. Alternatively, CPE enables applicants to study medicine proportionately in Germany (option B: Years 1-2 in Hamburg and 3-6 in Targu Mures). The academic content of the course of studies offered via CPE in Germany is provided from the state-run UMFST of Targu Mures. In addition to the UMFST of Targu Mures, CPE is the direct contractual and contact partner for your medical studies at UMCH.

During the entire term of the contract, CPE's services include the establishment and permanent guarantee of the standards required for accreditation in Germany, in particular with regard to organization, equipment, financing, quality management and teaching; the provision, selection and training of highly qualified lecturers in accordance with the accreditation requirements; the provision, management and administration of the campus building and modern study facilities in accordance with the accreditation requirements for use by the student; and the supervision, advice and support of the applicant and the student and his or her student administrative matters (student secretariat) onsite.

**UMCH** | UNIVERSITÄTSMEDIZIN  
NEUMARKT A. M.  
CAMPUS HAMBURG



GEORGE EMIL PALADE  
UNIVERSITY OF MEDICINE,  
PHARMACY, SCIENCE, AND  
TECHNOLOGY OF TARGU MURES

# CPE





A joint project of the University of Medicine, Pharmacy, Science, and Technology of Targu Mures and the CPE Europe GmbH

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Represented by the Rector Prof. Leonard Azamfirei, MD, PhD

All the requirements according to §117a of the Hamburg Act of Higher Education (*§117a des Hamburgischen Hochschulgesetzes*) have been fulfilled.



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**Note:** The images used are images of comparable institutions.