



KL

**MEDICAL
STUDIES**



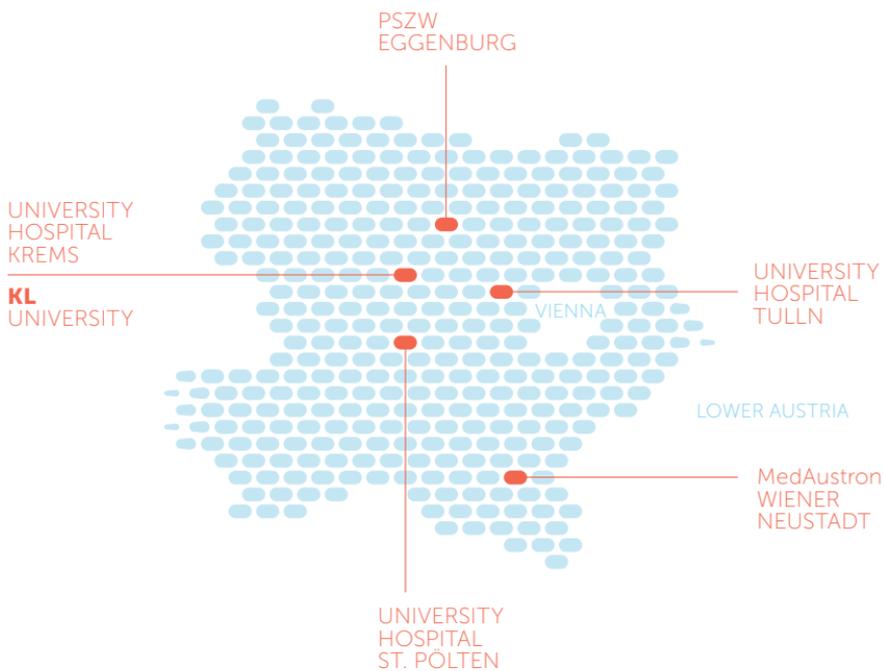


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*At KL there is an
incredible energy, we all
support each other.*

“

Marcel Wegrzyn



Research and study programmes at KL are organized in close cooperation with the University Hospitals Krems, St. Pölten and Tulln, with PSZW Eggenburg and MedAustron in Wiener Neustadt.

INSPIRING NEXT GENERATIONS

THE UNIVERSITY

Karl Landsteiner University of Health Sciences (KL) at the Krems Campus is an institution dedicated to education and research with an established recognition throughout Europe. The university offers modern, demand-oriented professional training and development in medicine and psychology, and conducts academic research in key fields of health sciences, with the overall purpose to benefit humanity and the future of healthcare. A unique network of university hospitals as well as teaching and research locations ensure excellent teaching, professional careers in healthcare and excellence in research.

STUDY PROGRAMMES

The study programmes are organised in a Bologna-compliant degree system (Bachelor's and Master's), recognised throughout Europe, and thus enable further studying and working in the EU area. The science-driven education takes place in an intensive, individual exchange with lecturers and in personal contact with patients and clients. In a familiar environment, students experience practice-oriented teaching in small groups. Since interprofessional cooperation is a central basis for optimal healthcare, the KL focuses on the connection of different fields of healthcare from the very beginning. In various interprofessional seminars, students from different professions work together to acquire study content. In their training special focus is placed on the personal development of the students, the refinement of their communication skills and the stimulation of self-reflection.

AT A GLANCE

FULL-TIME STUDY HUMAN MEDICINE



- › **Duration:**
6 years/12 semesters
- › **Language of instruction:**
English and German
- › **Academic degree:**
BSc and Dr. med. univ.
- › **Study places:** 135
- › **Tuition fee:** € 10,500* per Semester
- › **Special subjects:**
Biomedical Physics, Public Health and Economics, Science and Research, Professional Development
- › **Requirements:**
school-leaving qualification or general university entrance examination for medical degree programmes; proof of English proficiency; proof of biology; positive completion of KL application process
- › **Selection process:**
written and oral entrance exams (in English)

Information:

www.kl.ac.at/en/medicine

Consultancy Service:

admission@kl.ac.at

or +43-2732-72090-260

Financing:

www.kl.ac.at/en/grants

Application:

www.kl.ac.at/en/admission

* valid as of wintersemester 2024/2025

IN DETAIL

FULL-TIME STUDY **HUMAN MEDICINE**

BACHELOR'S PROGRAMME **MEDICAL SCIENCE**

- › **Duration:**
3 years/6 semesters
- › **Language of instruction:**
English
- › **Academic degree:** BSc
- › **ECTS:** 180
- › **Study places:** 135
- › **Tuition fee:** € 10,500* per Semester
- › **Special subjects:**
Biomedical Physics, Public Health and Economics, Science and Research, Professional Development
- › **Requirements:**
school-leaving qualification or general university entrance examination for medical degree programmes; proof of English proficiency; proof of Latin and biology; positive completion of KL application process
- › **Selection process:**
written and oral entrance exams (in English)

MASTER'S PROGRAMME **HUMAN MEDICINE**

- › **Duration:**
3 years/6 semesters
- › **Language of instruction:**
German
- › **Academic degree:** Dr. med. univ.
- › **ECTS:** 180
- › **Study places:** guaranteed directly after completion of the Bachelor's degree in Medical Science
- › **Tuition fee:** € 10,500* per Semester
- › **Special subjects:**
Professional Development, Science and Research, Public Health and Economics
- › **Requirements:**
Bachelor Medical Science from KL or equivalent Bachelor's degree (at least 180 ECTS)

* valid as of wintersemester 2024/2025



BACHELOR'S PROGRAMME **MEDICAL SCIENCE**

THE STUDY PROGRAMME

The focus of the training is on the combination of basic knowledge of health and disease and clinical practice. Students at KL are introduced to clinical experience in our University Hospitals starting from the first day of their studies. Theory is taught based on actual case material. Group work enables detailed study of cases (problem-oriented, patient-centered) with review of relevant literature.

DURATION

The Bachelor's programme in Medical Science lasts six semesters (each of which has three modules), and is divided into three consecutive years of study. Each of the three modules lasts 5 weeks. In addition to the core content, students complete one elective module and one elective course. After successful completion of the Preparatory Course, students are required to complete a clerkship accounting for a minimum of 8 ECTS, as well as a scientific paper (thesis) at the level of their Bachelor's programme.

SPECIAL FEATURES

- › English as language of instruction
- › Interconnection between health and disease
- › Emphasis on biomedical physics (BMP), public health and economics (PHE), professional development and skills (PDS) as well as science and research (SRE)
- › Interprofessional communication, practical and problem-solving skills
- › Creating a Bachelor's thesis
- › Degree: BSc (Bachelor of Science)
- › Upon successful completion, the possibility of direct further studies in the Master's Programme in Human Medicine is guaranteed.

THE QUALIFICATIONS

Graduates of the Bachelor's programme in Medical Science at KL fulfill high qualification requirements for a basic medical education, in particular they have basic competences in the following fields:

- › Medical expert
- › Communicator
- › Collaborator/team member
- › Leader/manager
- › Health advocate
- › Scholar/science lead
- › Professional/acting professionally and ethically in accordance with standards

THE CAREER PROSPECTS

The degree provides a high-quality foundation for advanced training or professional practice in areas such as:

- › Medical technologies
- › Medical documentation
- › Pharmaceutical industry
- › Healthcare companies

Completion of the Bachelor's degree is a prerequisite for the KL Master's programme in Human Medicine.

PROGRAMME ARCHITECTURE

1st SEMESTER: BM01 Basics of Medical Science
BM02 Locomotion – From Form to Function
BM03 From Cell to Organism

2nd SEMESTER: BM04 Essential Human Body Functions
BM05 Molecular Control
BM06 Homeostasis

3rd SEMESTER: BM07 From Health Maintenance to Disease
BM08 Basics of General Medicine
BM09 Basics of Pharmacological Treatment

4th SEMESTER: BM10 Microbiology and Hygiene
BM11 Prevention of Lifestyle Diseases
BM12 Elective Module

5th SEMESTER: BM13 Circulation and Respiration
BM14 Metabolism
BM15 Regulatory Circuits

6th SEMESTER: BM16 Mind and Sensory Systems
BM17 Life Cycle
BM18 Emergencies and Rheumatic Diseases

> BIOMEDICAL PHYSICS
> PUBLIC HEALTH AND ECONOMICS
> PROFESSIONAL DEVELOPMENT AND SKILLS
> SCIENCE AND RESEARCH

THE LECTURERS

The faculty consists of clinical staff of the University Hospitals Krems, St. Pölten and Tulln, permanent staff of the KL University, as well as external specialists from practice, research and teaching.

THE APPLICATION

The prerequisite for admission to the programme is proof of a general university entrance qualification (school-leaving certificate). The general university entrance qualification can be proven with one of the following certificates:

- > School-leaving qualification
- > Vocational matriculation certificate
- > University entrance qualification examination
- > International school-leaving certificate equivalent to an equivalent to the Austrian „Matura“/“Reifeprüfung“

Additional evidence that must be provided for admission to the study programme:

- > **Biology:** Proof of at least one successfully attended weekly lesson in biology after the 8th grade at a secondary school or proof of a supplementary examination in biology according to § 2 UBVO 1998.
- > **English:** Proof of knowledge of the English language at least on level B2 of the Common European Framework of Reference (CEFR): IELTS (minimum score 6.0), TOEFL (minimum score 87), English-Cambridge 1st Certificate, standardized school-leaving examination in English (Zentralmatura).
- > **Latin:** Proof of at least 10 hours per week in Latin at a secondary school. Alternatively, a supplementary Latin examination/Medical Terminology must be taken before the final examination for the Bachelor's degree.



FINANCING

Grants and other financial aid ensure that interested students - regardless of their financial situation - have the opportunity to study at KL.

In addition to the scholarship models of the province of Lower Austria, there are many other support and financing possibilities via public subsidies, foundations, funds and banks.

All information can be found at www.kl.ac.at/en/grants.

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MASTER'S PROGRAMME HUMAN MEDICINE

THE UNIVERSITY

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STUDY PROGRAMMES

The study programmes are organised in a Bologna-compliant degree system (Bachelor's and Master's), recognised throughout Europe, and thus enable further studying and working in the EU area. The science-driven education takes place in an intensive, individual exchange with lecturers and in personal contact with patients and clients. In a familiar environment, students experience practice-oriented teaching in small groups. Since interprofessional cooperation is a central basis for optimal healthcare, the KL focuses on the connection of different fields of healthcare from the very beginning. In various interprofessional seminars, students from different professions work together to acquire study content. In their training special focus is placed on the personal development of the students, the refinement of their communication skills and the stimulation of self-reflection.

THE SPECIAL FEATURES

- › German as language of instruction
- › Main focus on clinical medicine and professional development
- › Deeper insights in specific medical fields in selected electives
- › Optional additional specialisation in research and advanced medical skills
- › Rotation through the departments of the University Hospitals
- › Case-based teaching at the patient's bedside in small groups
- › Degree: Dr. med. univ.

THE QUALIFICATIONS

Graduates receive an excellent basis for practicing medicine. They have outstanding medical skills, act cooperatively and interprofessionally and acquire the best communication and problem-solving skills.

THE CAREER PERSPECTIVES

After positive completion of the Master's programme in Human Medicine, the title Dr. med. univ. is awarded. This fulfills all requirements for starting the postgraduate education as a physician. Specialization in one of the elective subjects creates interesting career prospects in key areas of modern medicine, biomedical engineering, health care management, and clinical research.

THE LECTURERS

The faculty consists of clinical staff of the University Hospitals Krems, Tulln and St. Pölten, permanent staff of the KL University, as well as external specialists from practice, research and teaching.

PROGRAMME ARCHITECTURE

1st SEMESTER:	MM01 MM02	Respiration and Circulation Metabolism and Homeostasis	> PROFESSIONAL DEVELOPMENT > SCIENCE AND RESEARCH > PUBLIC HEALTH UND ECONOMICS
2nd SEMESTER:	MM03 MM04	Perception and Motion Dysregulation and Chronic Diseases	
3rd SEMESTER:	MM05 MM06 MM07	Internal Medicine Surgery Emergency Medicine and Intensive Care	
4th SEMESTER:	MM08 MM09 MM10 MM11 MM12	Family Medicine Neurology and Psychiatry Diseases of the sensory organs Gynaecology Pediatrics and Obstetrics	
PRACTICAL YEAR (PY)	A) B) C)	Internal Medicine Operative and Perioperative Medicine Clinical Elective	> PROFESSIONAL DEVELOPMENT > SCIENCE UND RESEARCH

THE APPLICATION

Karl Landsteiner University of Health Sciences (KL) offers all graduates of the Bachelor's programme in Medical Science at KL the possibility to start the Master's programme in Human Medicine directly (without a new admission procedure), provided that they can prove sufficient knowledge of the German language (level C1 of the CEFR).

In addition, there is the possibility for external students with substantial previous knowledge to apply for a study place in the programme.

Admission to the Master's programme in Human Medicine is based on a standardized interview at the KL and on the basis of available study places. Prerequisite is a successfully completed Bachelor's degree in Medical Science at KL or an equivalent successfully completed degree (min. 180 ECTS).

www.kl.ac.at/en/admission

For foreign-language applicants, proof of knowledge of the German language (secondary school certificate, central intermediate level examination of the Goethe-Institut, OESD Mittelstufe Deutsch, certificate of the „Common European Framework of Reference for Languages“/Level C1) is required.

Separate regulations apply to applicants from EU/EEA countries and non-EU/EEA countries: www.kl.ac.at/en/entry-requirements

*The majority
of the faculty consists of
clinical staff of the
University Hospitals.*



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