INTERNATIONAL UNIVERSITY OF SARAJEVO

UNIVERSITY OF HEALTH SCIENCES

Doctor of

MEDICINE

Info Catalogue

Academic Year 2025-2026

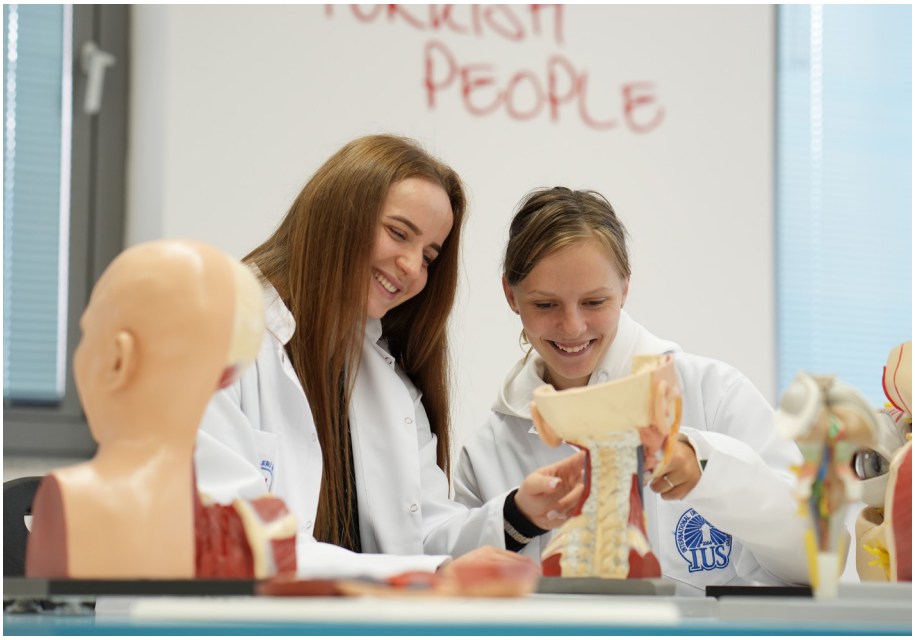
ABOUT THE MEDICINE STUDY PROGRAM

4 years, 8 semesters

Full-time, in person

The International Joint Bachelor's Degree Program between the International University of Sarajevo (IUS) and the University of Health Sciences in Türkiye (Sağlık Bilimleri Üniversitesi - SBU) is designed to prepare graduates for a rapidly evolving healthcare landscape shaped by cutting-edge medical advancements, cross-cultural clinical practice, and global health challenges.

This comprehensive six-year program combines rigorous foundational sciences, including anatomy, physiology, biochemistry, and pathology, with advanced clinical training in diagnostics, therapeutics, and patient-centred care. Students gain valuable national and international exposure by studying in both Sarajevo and Istanbul, fostering adaptability to diverse healthcare environments.

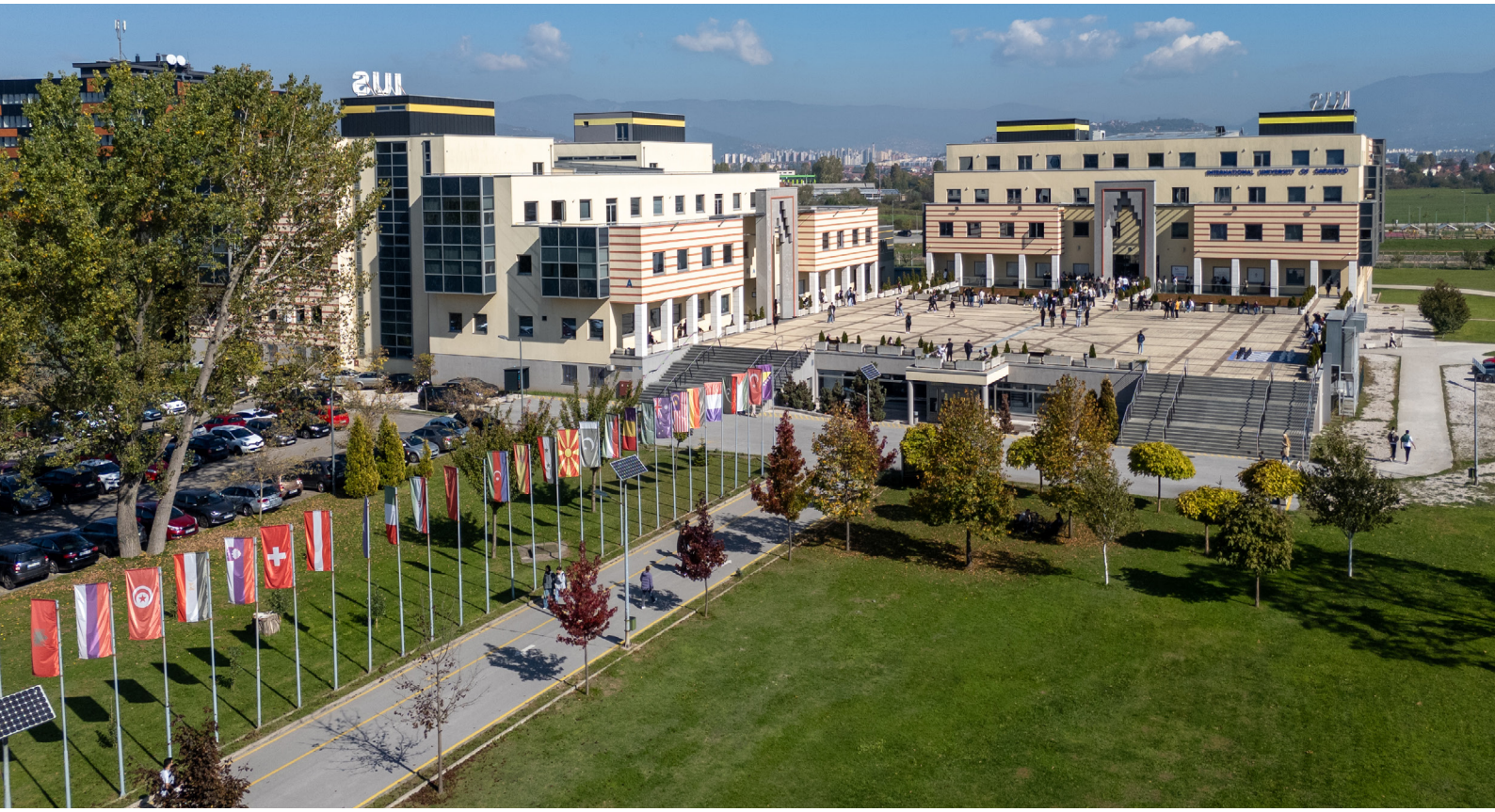


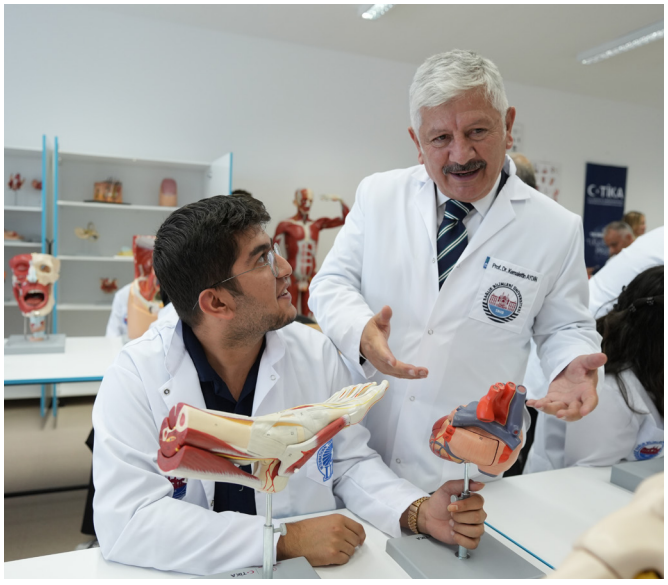
360 ETCS

Medical Doctor

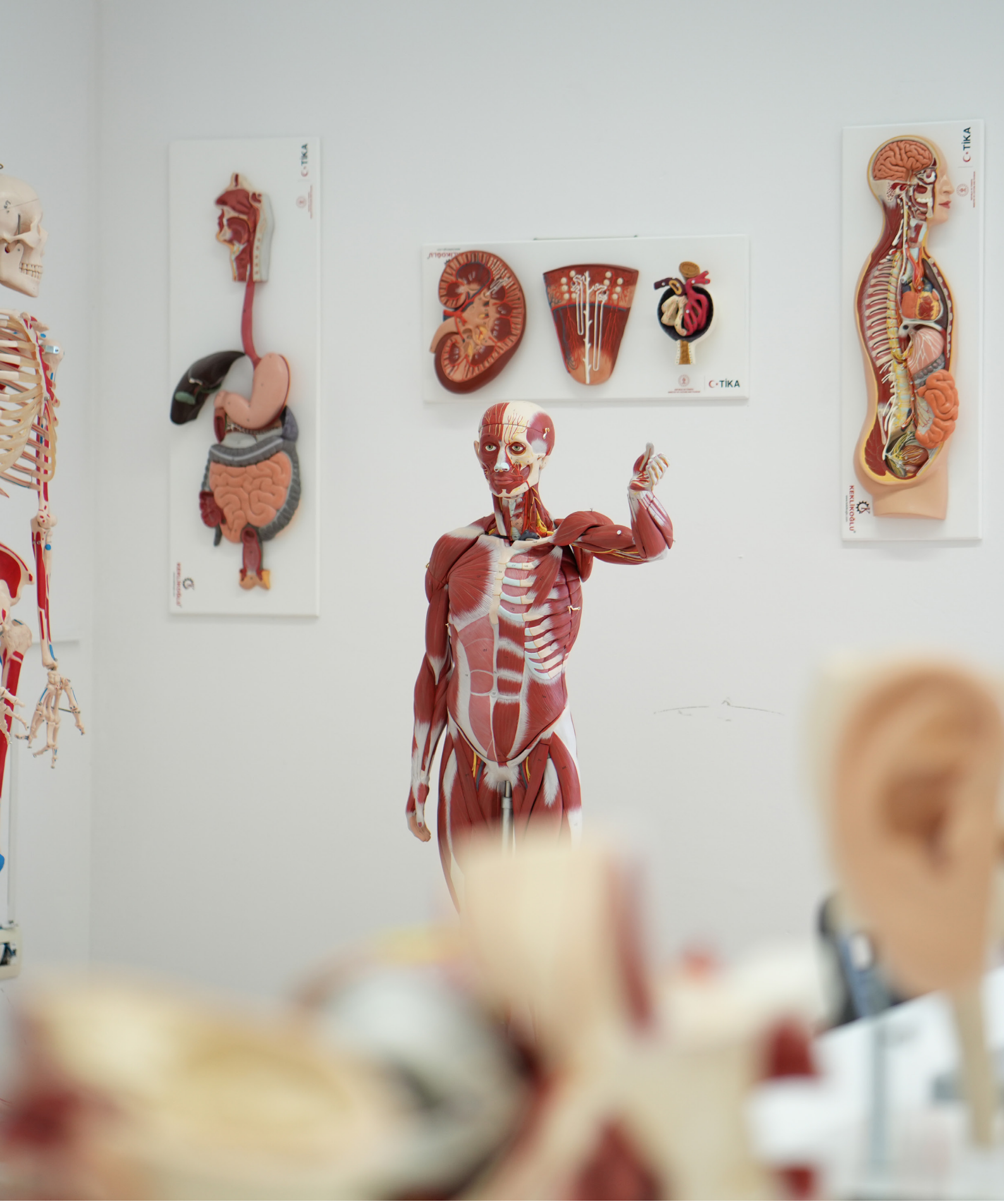
Language:
English /Turkish

The curriculum emphasizes **interdisciplinary education, covering biomedical sciences, clinical rotations, public health, ethics, and healthcare management**. **Practical experience** is integral, with the first three years focused on training at the IUS Research and Development Canter labs, Anatomy laboratory, and the final three years dedicated to clinical education in hospitals, clinics, institutes and community health centres in Türkiye. This structure provides students with research opportunities and exposure to state-of-the-art medical procedures, ensuring they become proficient clinicians capable of effective teamwork in multidisciplinary healthcare settings.





Courses during the first three years at IUS are taught **entirely in English**, within an international academic environment bridging Sarajevo and Istanbul, while clinical lectures in the last three years are conducted in **Turkish**. The program also offers opportunities for participation in **Erasmus+ and bilateral mobility programs.**



Graduates from the IUS-SBU dual medical degree program emerge as skilled and compassionate medical doctors, adaptable problem-solvers, ethical professionals, and lifelong learners ready to contribute to the sustainable advancement of healthcare and society.

VISION AND PEDAGOGICAL APPROACH

The dual degree program aims to educate medical doctors who can:

- Apply comprehensive medical knowledge and clinical skills across diverse healthcare settings and patient populations.
- Adapt rapidly to advancements in medical technology, diagnostics, and treatment modalities.
- Lead and collaborate effectively within multidisciplinary healthcare teams to provide holistic patient care.
- Engage thoughtfully with the ethical, social, and cultural dimensions of medical practice and healthcare delivery.

Teaching is student-centred, emphasizing active learning, critical thinking, and problem-solving. Methods include lectures, tutorials, laboratory work, case studies, simulations, and industry-based projects. Continuous feedback from students, alumni, and industry ensures that the curriculum remains relevant and forward-looking.

Study program
EDUCATIONAL OBJECTIVES (EO)

Objectives of the medicine program

EO1	Demonstrate understanding of biomedical, clinical, social, behavioral, population, and data sciences and apply them across disciplines to solve medical problems.
EO2	Collect, interpret and prioritize patient data and medical literature to generate accurate diagnoses and management plans.
EO3	Work collaboratively with other health professionals to provide coordinated, safe, and high-quality care for individuals and multiple patients concurrently.
EO4	Use clear, empathetic verbal, nonverbal, written and electronic communication to support shared decision-making and build trusting relationships with patients, families, and the healthcare team.
EO5	Identify gaps in scientific or clinical knowledge and contribute to inquiry, quality improvement, or innovation aimed at advancing medicine and patient care.
EO6	Demonstrate integrity, accountability, compassion, respect, and ethical behavior while maintaining patient confidentiality, safety, and personal well-being.
EO7	Understand, reflect on, and act upon structural and social determinants of health, advocate with patients and communities, and work to improve equity, access, quality, and value within health systems.
EO8	Improvement of communication competencies, with special emphasis on written and oral communication in English and Turkish in a professional context.

Study program
LEARNING OUTCOMES (LO)

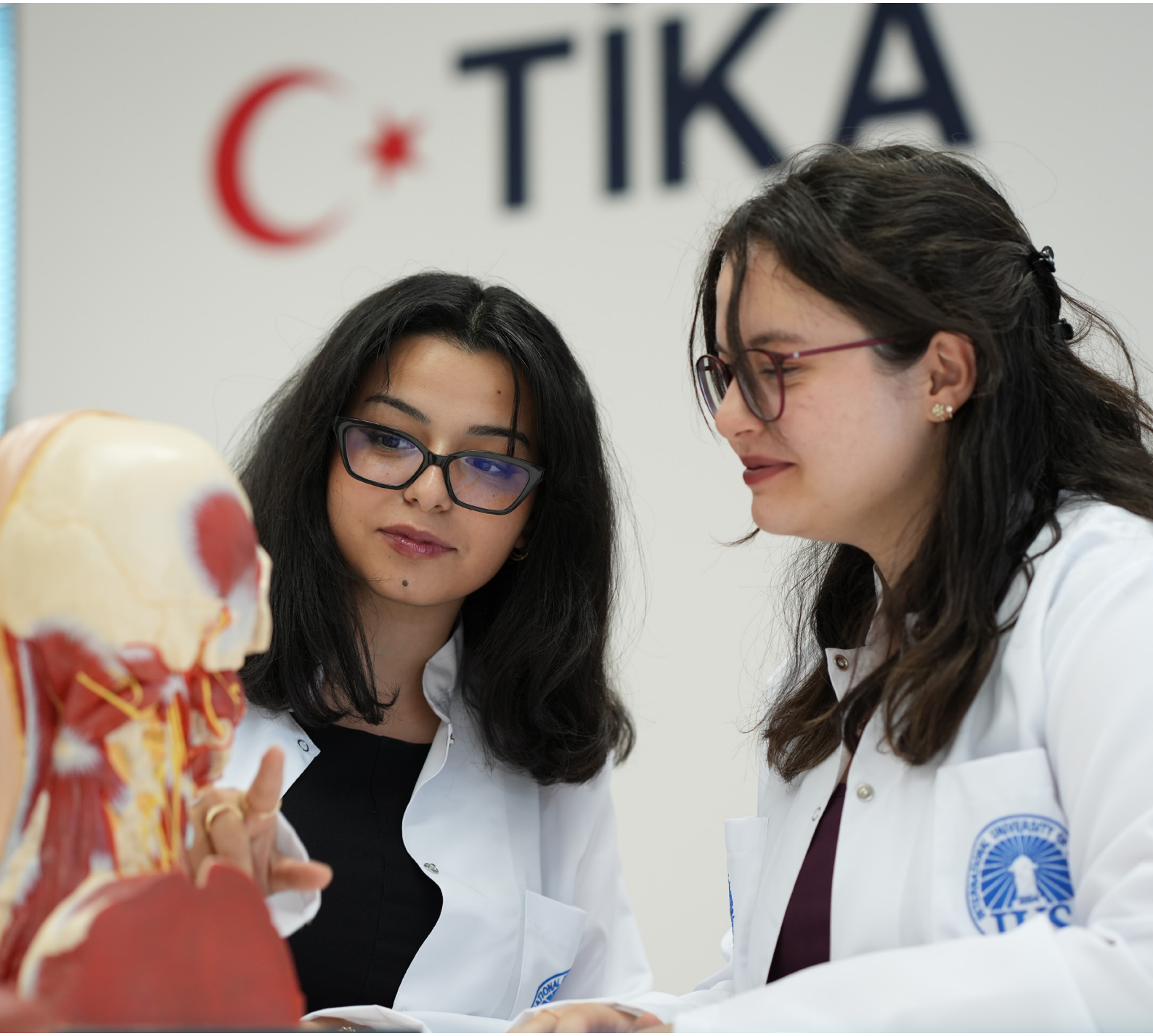
Knowledge	LO1	Explains the normal structure, function, development, and interaction of the human body and mind at all stages of life.
	LO2	Can understand the epidemiology, pathology, symptoms, signs, and treatments of common medical disorders.
	LO3	Demonstrate the knowledge of preventive medicine methods and ethical principles in establishing healthy living conditions and preventing diseases.
	LO4	Identifies and select up-to-date and reliable diagnostic methods, and appropriate pharmacological, physical, nutritional, and psychosocial treatment approaches for common diseases in our country.
	LO5	Understands, analyses, and evaluates the components, processes, and outcomes of health and disease; uses evidence-based medical methods in updating information and treating patients; evaluates patient preferences, personal experience, and the best available evidence, and adopts ethical decision-making.
	LO6	Demonstrates an understanding of scientific knowledge, its scope, limits, accuracy, validity, and reliability, and applies critical thinking when evaluating information. Recognizes learning needs related to medical practice, identifies appropriate resources, and effectively guides their own learning process.
	LO7	Understands how health is shaped by social and behavioral factors, including their socioeconomic dimensions; and actively monitors and evaluates health-related events and developments at both national and global levels.
	LO8	Possesses knowledge of fundamental health legislation and adheres to relevant laws, regulations, directives, and ethical principles concerning individual rights and responsibilities.

Skills	LO9	Conducts accurate, comprehensive, and problem-focused histories, performs physical and mental examinations, and approaches patients systematically while respecting privacy, confidentiality, dignity, beliefs, cultural differences, and sexual orientation.
	LO10	Provides first aid and basic life support in emergencies involving potential major functional or organ loss and plans appropriate follow-up steps.
	LO11	Applies a holistic approach to patients, performs differential diagnoses, and demonstrates the competence needed for rational diagnosis, treatment planning, and disease management; assumes responsibility individually or within a team, monitors patients, and advocates for their care.
	LO12	Delivers health education to individuals, families, and communities; works independently or in teams; and provides consultancy, supervision, expert opinions, and leadership.
	LO13	Plans, manages, monitors, and evaluates team members' development and training within projects, and collaborates effectively with other disciplines.
	LO14	Maintains accurate and reliable records; collects, analyzes, and interprets epidemiological, clinical, and laboratory data; and shares findings ethically.
	LO15	Uses medical informatics, communication technologies, and relevant software at a level required by the profession.
	LO16	Demonstrates intercultural communication skills; communicates effectively with patients, colleagues, and society; supports ideas and solutions with quantitative and qualitative data; and expresses them clearly in spoken and written Turkish.

Personal and Professional	LO17	Embraces lifelong learning with a positive attitude and upholds the universal standards of the medical profession.
	LO18	Continuously develops in cultural, artistic, and social areas alongside professional growth in medical sciences, and participates in social responsibility projects with other professional groups.
	LO19	Prioritizes personal mental and physical well-being, employee health, environmental and occupational safety, and public health; demonstrates professional behavior and serves as a role model in society.
	LO20	Practices professional autonomy, possesses sufficient experience to provide clinical and preventive healthcare at national standards, and maintains at least B1-level proficiency in a foreign language to communicate with colleagues.
	LO21	Exercises professional autonomy, has sufficient experience to perform clinical practices and provide preventive healthcare services at national standards, and follows at least a foreign language at the B1 level of the European Language Portfolio to communicate with colleagues.
Double degree specific	LO21	Exercises professional autonomy, has sufficient experience to perform clinical practices and provide preventive healthcare services at national standards, and follows at least a foreign language at the B1 level of the European Language Portfolio to communicate with colleagues.

PROGRAM STRUCTURE

The structure of the regular dual degree program, at the IUS medical program, consists of 44 required courses and 6 elective courses, ranging from 2 to 8 ECTS. In SBU, the number of required courses is 30, plus 6 elective courses, including the graduation thesis. The ECTS ranges from 2 to 15.



A detailed overview of the curricula for the **Dual degree study Programme**, are available at **med.ius.edu.ba.**

CURRICULUM HIGHLIGHTS

The Medicine program at IUS is a comprehensive six-year (twelve-semester) curriculum — total 360 ECTS , offered in cooperation with Sağlık Bilimleri Üniversitesi (SBU), providing students with two independent diplomas from both IUS and SBU.

From the very first semesters, students are grounded in core biomedical and life-science fundamentals: cell biology & human genetics, human anatomy, physiology, biochemistry, medical chemistry, histology & embryology, biophysics, and medical physics. In addition, coursework covers important foundational disciplines like medical ethics, behavioral sciences, hygiene, biostatistics, and the history of medicine, ensuring a well-rounded scientific and humanistic background. As the program progresses, students build advanced competencies in pathology, pharmacology, immunology, microbiology, preventive medicine and epidemiology, clinical propedeutics, and diagnostic methods, combining strong theoretical knowledge with practical readiness.

The program also includes a substantial practical component: from early "fundamentals of clinical practice" courses to later clinical training and a final-year supervised internship at SBU, preparing students for real-world patient care and the demands of clinical practice.

Meanwhile, elective courses (available during certain semesters) along with language courses, give students flexibility to pursue personal interests or additional competencies beyond the core medical curriculum. The double-diploma structure, combined with a multilingual and internationally oriented environment, provides graduates with broad recognition, enhanced mobility, and a strong foundation for future specialization or practice, both locally and internationally.

Special Opportunities:

Dual degree program

Studying in two countries and get two internationally recognized diplomas.

Industry Links

Internships, real-life projects, and collaboration with partner companies.

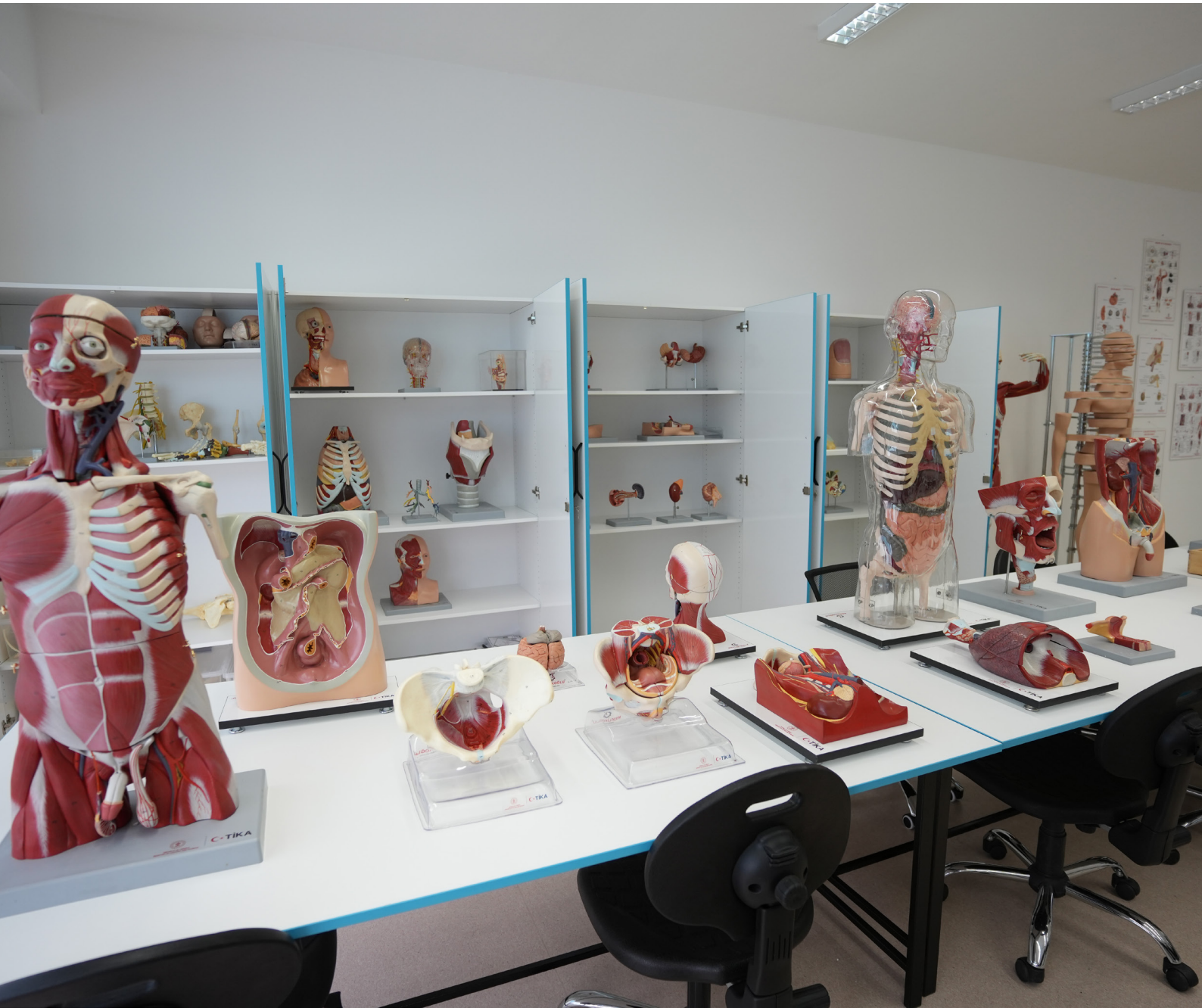
Research Opportunities

Participation in faculty research projects and access to modern laboratories.

LABORATORY & RESEARCH FACILITIES

The Medicine program belongs to the scientific area of health sciences (or biomedical sciences) and as such, it requires certain resources and facilities for conducting education. The medical program students at our double degree program, at IUS, utilizes the following laboratories:

- Anatomy laboratory at IUS
- FIRST AID demonstration laboratory at IUS
- Research and Development center (RDC) Genetics laboratories at IUS



The Medicine program uses all laboratories that are part of the Research and Development center (RDC) at IUS. These laboratories provide state-of-the-art technical support for basic and applied research in different areas of medical sciences, especially in medical genetics. The genetic laboratories consist of separate rooms, designed, furnished, and equipped with the latest instrumentation to pave the way for high-quality research at the graduate level and laboratory exercises for undergraduate students. For teaching purposes, there are classrooms and 6 laboratories, located in the Research and Development center at IUS, these laboratories are:

Student Tutorial Lab

Equipped with microscopes. Students have the opportunity to learn about microscopy and to observe numerous microscopic samples of plants, animals, and human tissues. Also, during the Lab tutorials, students make their own microscopic samples.

Microbiology lab

A specialized lab where students are equipped to study and grow microorganisms like bacteria, fungi, and protozoa. It is equipped with tools and equipment necessary for cultivating, isolating, and identifying these microorganisms.

Cell culture lab

This lab allows the growth of diverse cell types under controlled conditions, generally outside their natural environment. It is one of the major tools used in cellular and molecular biology, which provides excellent model systems for studying the normal physiology and biochemistry of cells, cell metabolism, cell homeostasis, the effects of drugs and toxic compounds on the cells, and mutagenesis and carcinogenesis.

PCR lab

A Polymerase Chain Reaction lab is a specialized laboratory designed for performing diverse PCR methods, techniques used to amplify specific segments of DNA. PCR is a crucial method in molecular biology for replicating small amounts of DNA into larger quantities that can be analysed or used in various applications, such as diagnostics, research, and forensic investigations.

Genetics and Molecular Biology Lab

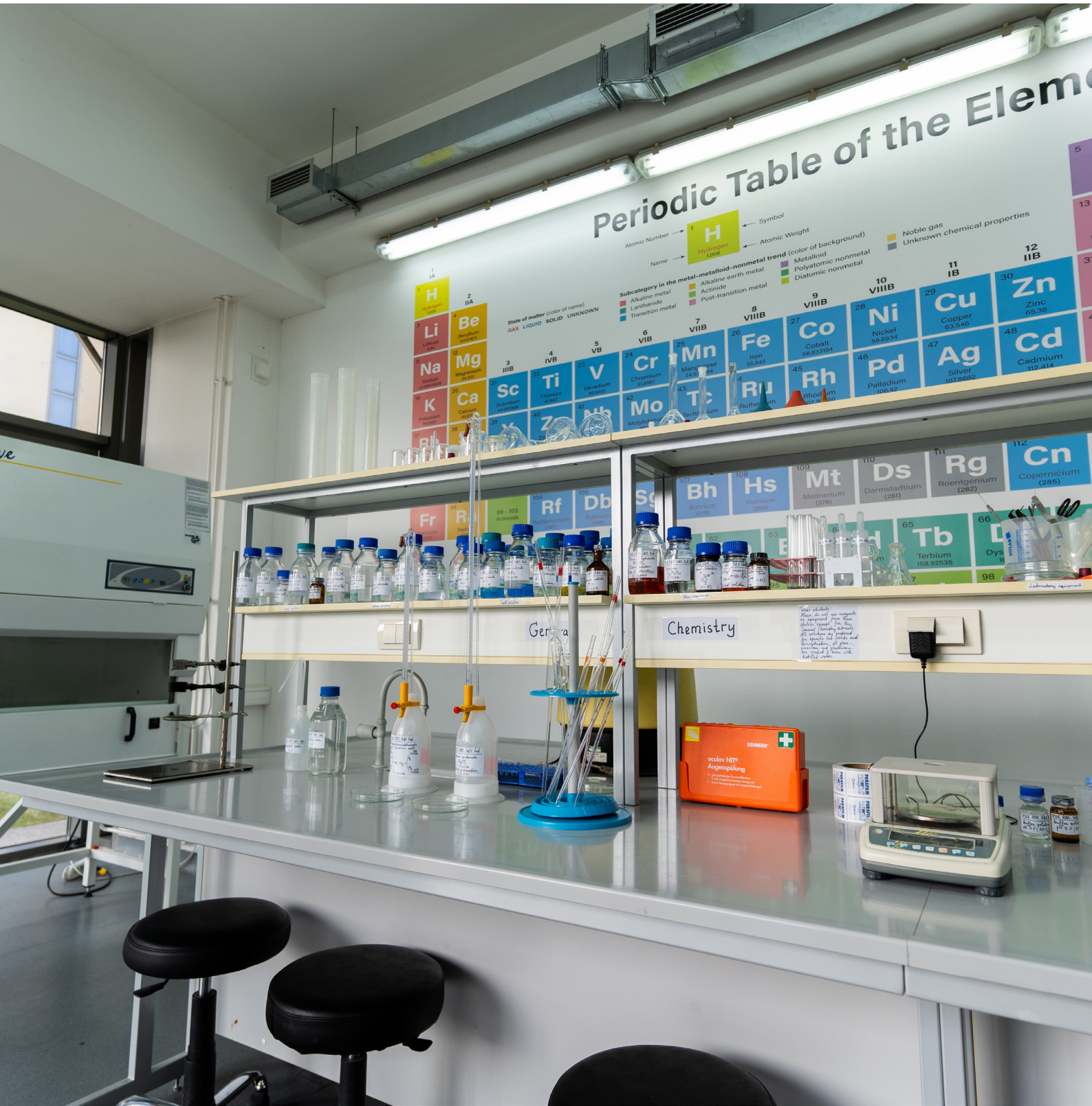
This lab is used for Molecular Biology, Molecular Diagnostics, Genetic Engineering, Plant Proteomics, Forensics, and Biochemistry. This laboratory aims to introduce DNA, RNA, and protein extraction, quantification, and analysis.

Preparation Lab

This lab is the biggest lab, equipped with a chemical hood for the purposes of General Chemistry and Organic Chemistry lab tutorials. Also, students use the hood for RNA and DNA extraction. The lab also has a Growth Chamber, used for plant growth under controlled conditions (temperature and light).

Besides the IUS Research and Development center, the SBU offers for our students in the last 3 years access to several institutes and laboratories in SBU university campuses, some of them are:

- Anatomy laboratory at IUS
- FIRST AID demonstration laboratory at IUS
- Research and Development center (RDC) Genetics laboratories at IUS



INDUSTRY & CAREER LINKS

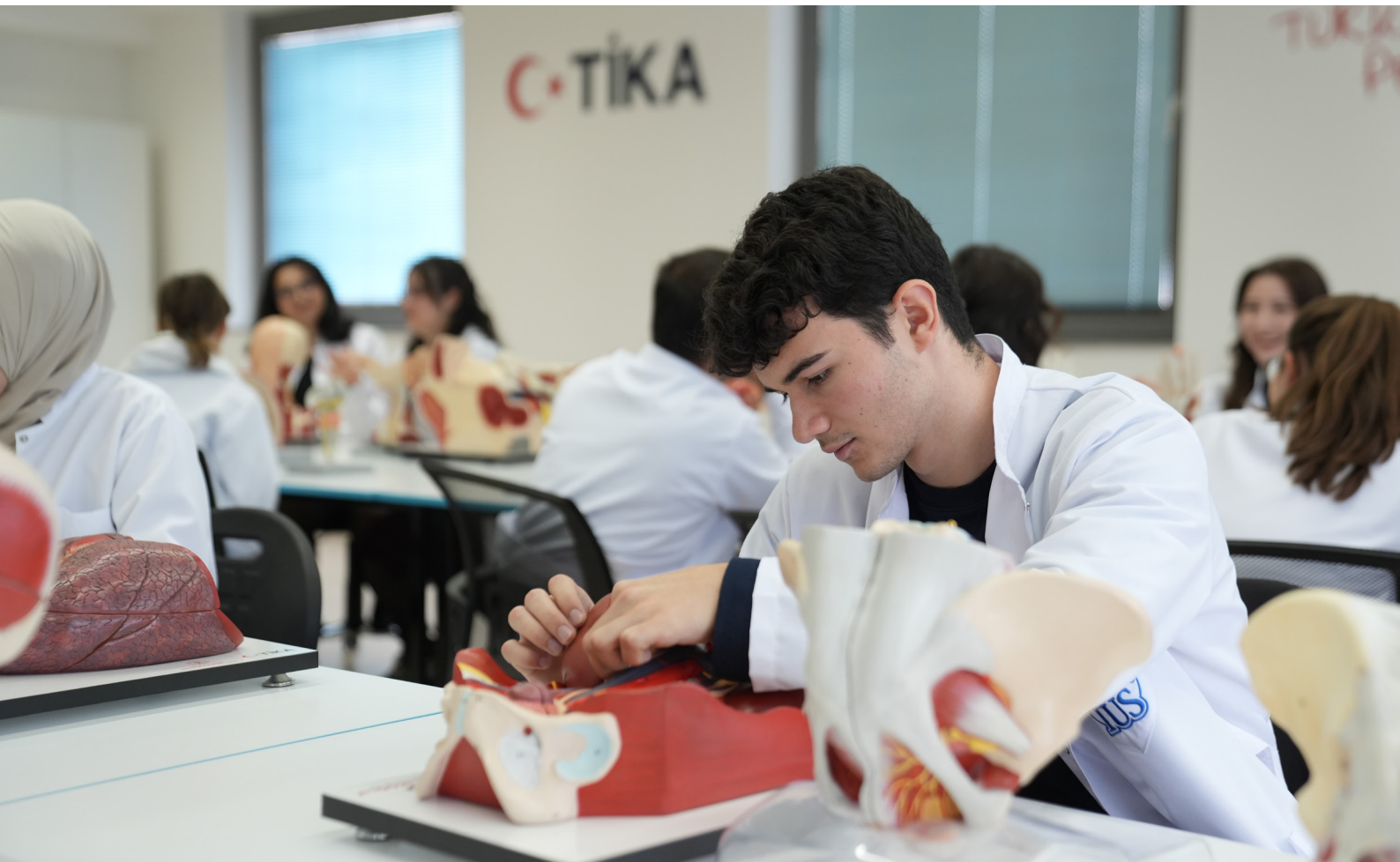
Our students can be employed in diverse medical sectors, including positions as junior residents in hospitals and clinics (private and governmental), roles in government health departments or medical NGOs, medical researcher positions in labs, or pharma companies and academia (universities).

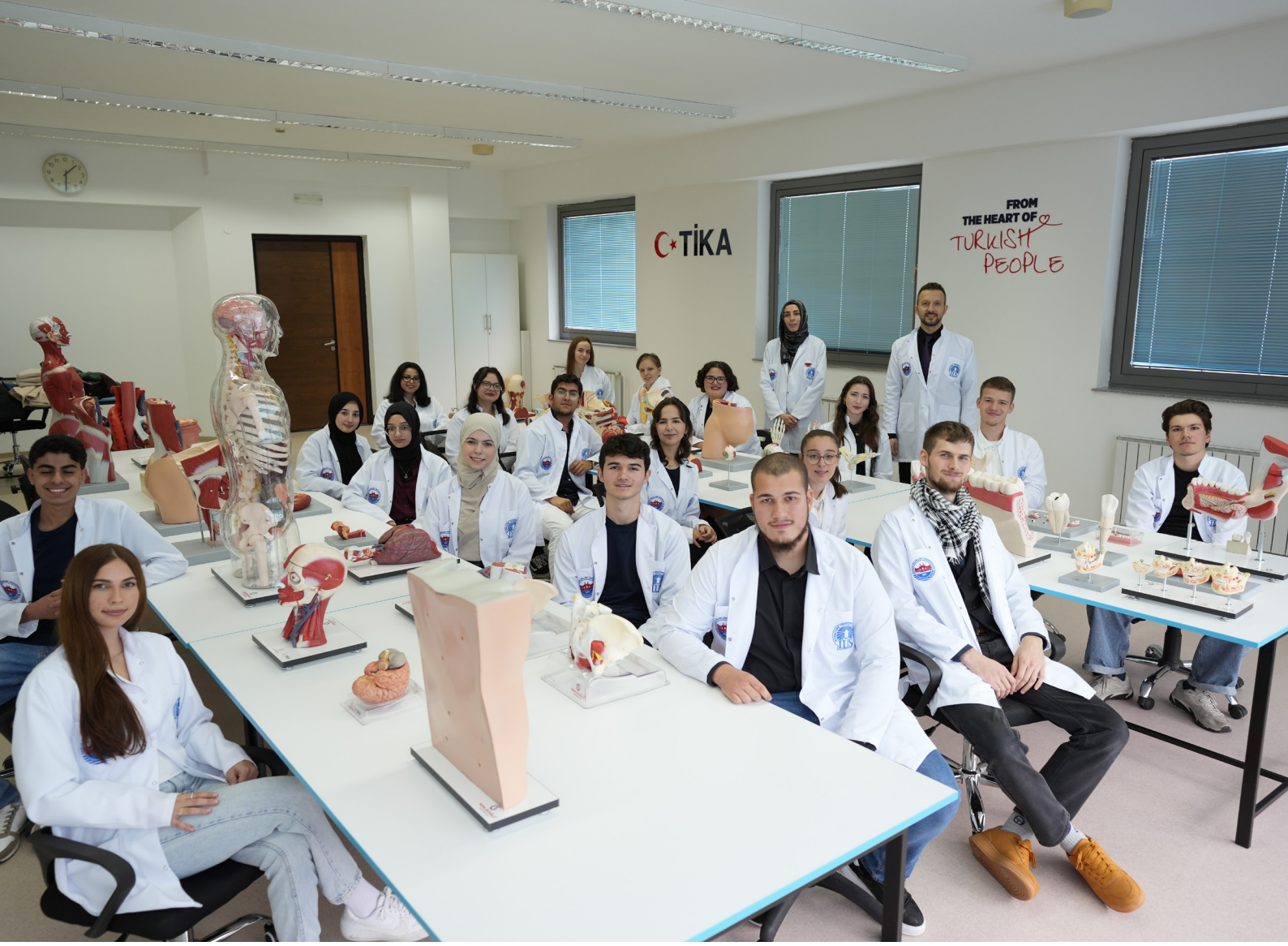
ADMISSION REQUIREMENTS:

Applicants must hold a recognized high school diploma, and admission is subject to entrance evaluation as per IUS regulations. For more information, please visit fms.ius.edu.ba.

TEACHING AND ASSESSMENT:

- Lectures, tutorials, and laboratory sessions
- Project-based assignments and design challenges
- Continuous assessment (quizzes, projects, presentations)
- Written examinations
- Assessment criteria are transparent and available via e-Campus at IUS and SBU.





STUDENT SUPPORT

Each student is **assigned an advisor/mentor** who provides academic guidance and support throughout the entire study program. Additional tutoring, remedial courses, and regular office hours with faculty members are offered to help students achieve the intended learning outcomes.

STUDENTS WITH DISABILITIES

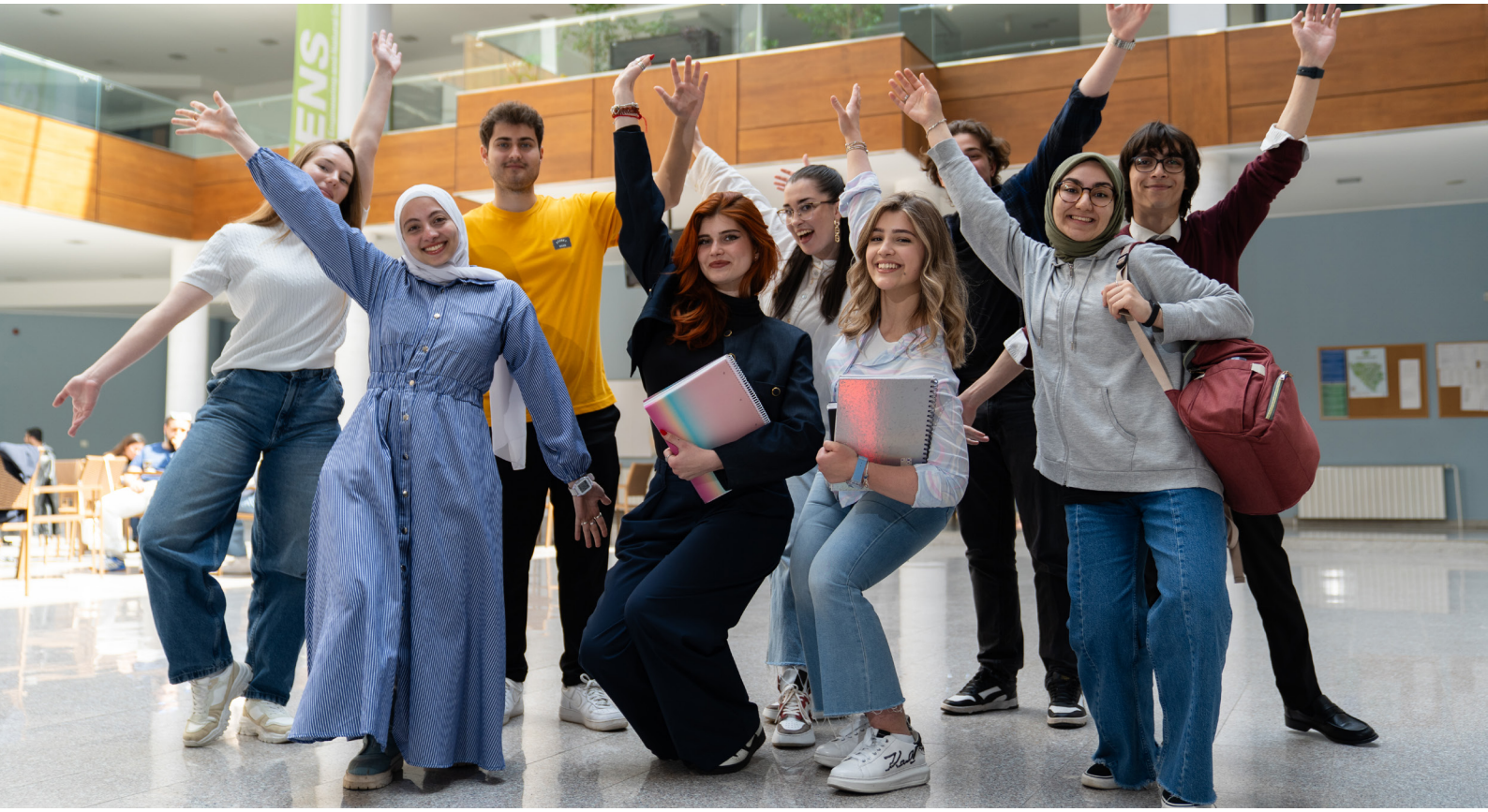
IUS supports students with disabilities through its **Support Office**, whose aim is to foster an inclusive environment. The office provides guidance and assistance to students with disabilities and works closely with staff to ensure their full participation in university life. To further support inclusion, the university has adopted guidelines for inclusion and improved campus facilities, including Braille markings for visually impaired.

STUDENT VOICE MATTERS
QUALITY ASSURANCE

At IUS, we are committed to continuously improving student academic experience. That's why we've built a strong **Internal Quality Assurance System**—and students play a key role in it! Our quality assurance system ensures that everything we do—from teaching and research to administration and community engagement—is constantly evolving for the better.

Every semester, we invite students to participate in the **Student Survey**. This is students' chance to share honest feedback about:

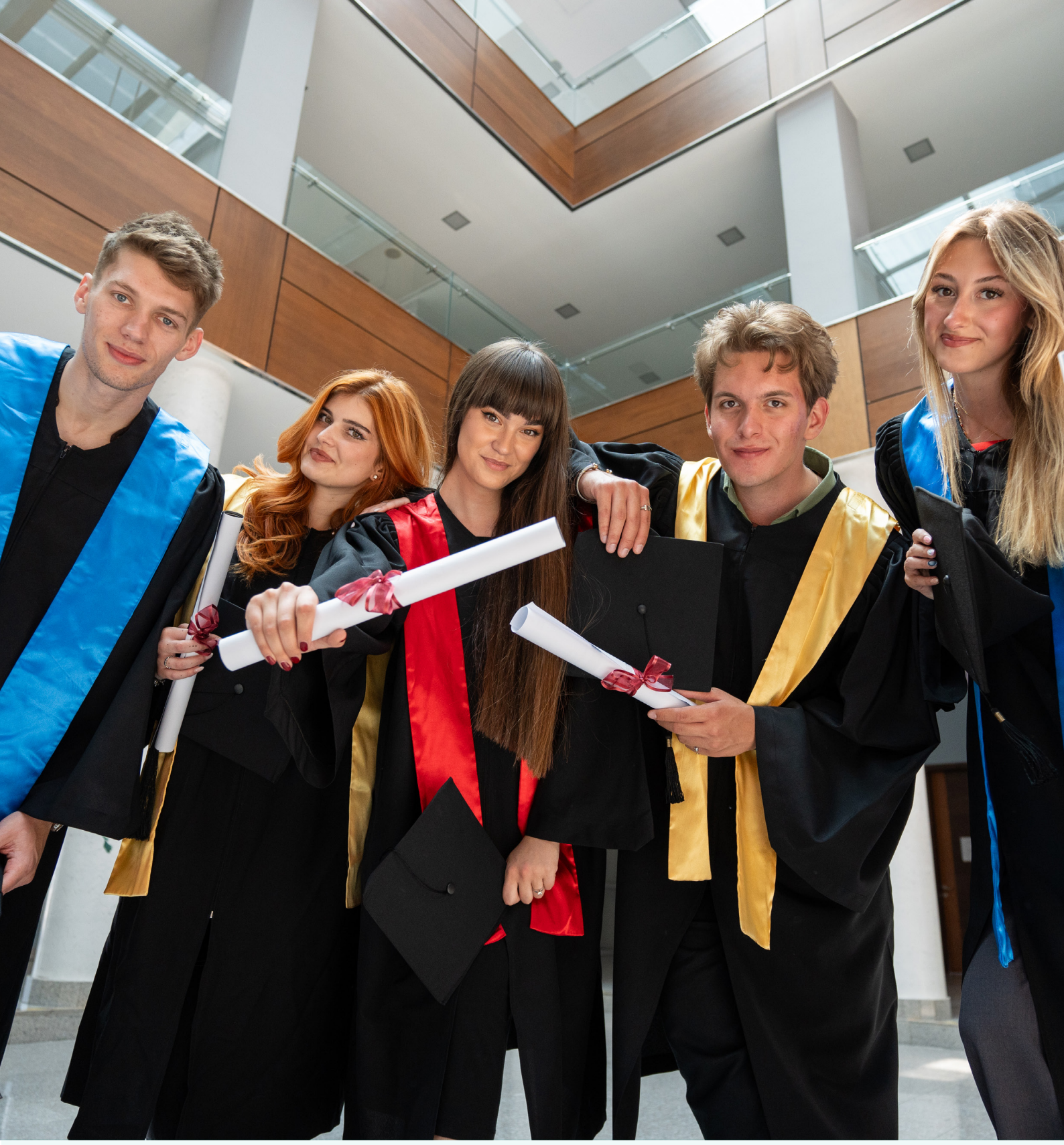
- Learning and Teaching effectiveness
- Course content
- Learning resources
- Overall satisfaction



Students' input is carefully analyzed and used to:

- Improve course design and delivery
- Support and develop our academic staff
- Shape strategic decisions for the future

By participating, students help us build a more s**tudent-centered learning environment**—where their needs, ideas, and experiences truly shape the University's growth.



APPLY TODAY!

Visit **apply.ius.edu.ba** or
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Faculty of Medical Sciences

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