

INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF MEDICINE

MEDICINE AND SURGERY - MEDTECH

The degree programme trains physicians with advanced competences in clinical, biomedical, informatics and statistical fields. Thanks to the integration of advanced technologies into clinical practice, the programme enables students to master the use of artificial intelligence, digital technologies and innovations in medical practice and research, while keeping the focus on patient care and the human person.

The programme provides also the opportunity to obtain a second degree in Biomedical Engineering or in Biology of Human and Environmental Health.



UNIVERSITÀ
DI PADOVA

MEDICINE AND SURGERY - MEDTECH

LEVEL Single-cycle

SCHOOL Medicine

DEPARTMENT Medicine

DURATION 6 years 360 ECTS

START DATE October

LOCATION Padua, Italy

AVAILABLE PLACES Non-European candidates residing outside Italy: 15

Others: 65

(pending ministerial approval)

PROGRAMME COORDINATOR

Rosario Rizzuto

WEB

www.unipd.it/en/medtech

WWW.UNIVERSITALY.IT



ENTRY REQUIREMENTS

- Secondary school diploma or equivalent
- Entry test managed at national level

PROGRAMME STRUCTURE

1st, 2nd Year - Pre-clinical subjects: The Cell; Biomolecules; Physics; Anatomy: Movement and Circulation; Histology and Embriology; Statistics; Linguistic Activities; Anatomy of the Viscera and Nervous System; Biochemistry; Molecular Biology; Microbiology; Physiology; Immunology; Principles of Artificial Intelligence and Machine Learning; Internships

3rd, 4th, 5th, 6th Year - Clinical subjects: General Pharmacology; Biomaterials for Regenerative Medicine; Laboratory Medicine; Medical Semiotics and Clinical Methodology; Mechanisms of Disease and Pathophysiology; Surgical Specialties; Medical Specialties 1 and 2; Clinical Pharmacology; Pathology; Orthopedics and Prosthetic Materials; Bioethics and Psychology; Diagnostic Imaging and Radiotherapy; Public Health, Health Management and Telemedicine; Surgery 1 and 2; Internal Medicine 1 and AI in Clinical Decision; Diseases of Sensory Organs; Diseases of the Nervous System; Internal Medicine 2 and Emergency Medicine; Obstetrics and Gynaecology; Pediatrics; Two Elective Courses
Internships: Clinical Rotations; Elective Internships and Internships for Medical License

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,900 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates are qualified for the medical profession and can access specialization schools, University master's degrees and PhD programmes. Graduates can work as medical doctors in public and private healthcare institutions, including as independent professionals, both autonomously and in teams, in research centers, universities, health organizations, and companies in the biomedical and healthcare sectors, both nationally and internationally.