Career Prospects

With our devoted Student Success Team, students are matched with a personal tutor, and students meet one-on-one with Career Advisers to track their studies and steps, for practice after graduation. The MD programme has been designed to meet, and exceed, the requirements of the EU Directive on the recognition of professional qualifications (2005/36/EC) so as to enable nationals of EU, EEA / EFTA member states and Switzerland to have their award recognised when applying to practise in those countries, following graduation. Each member state has its own regulations as to which stage of its training programme you will enter, and any additional requirements that you will need to demonstrate (such as language proficiency). **While the MD degree is recognised by many different countries internationally, applicants are advised to check with their own individual national authorities, if they wish to practise in their own country.** Throughout the journey, students will find support and guidance in aligning with national licensure exams, such as USMLE based on their preferred postgraduate pathway. Our Student Success Team hosts alumni and career experts to advise in best practice for working in different regions of the world to support student goals.

With more than 90 nationalities of students, you will study and practice with colleagues and faculty that provide a competitive advantage in the global healthcare market. This accredited medical degree enables pathways to medical practice, with support and preparation for postgraduate placement. Our graduates have been offered positions at over 350 medical centres around the world for residency training, fellowships, internships, and research.

Our Admissions Advisors can provide further information on your career options with this MD degree and licensure requirements.

General Objectives

This programme of study provides students with the opportunity to receive high quality education in Medicine. The general programme objectives are to:

1. Train students to become highly competent physicians and equip them with the knowledge, skills and attitudes that will enable them to respond to the challenges of modern medicine.
2. Produce competent and caring graduates, safe to practise initially as junior doctors, and with the potential to develop fully their careers in their chosen branch of medicine.
3. Provide each student with the evidence-based knowledge and experience necessary to advance both scientifically and humanistically in the care and treatment of those who are ill including immediate care of medical emergencies.

4. Foster the development of lifelong commitments to scholarship and service toward individual patients and the community.
5. Encourage students to practise medicine holistically including ethical, legal, psychological and social considerations.
6. Promote health and wellness through disease prevention and research.
7. Contribute toward the establishment of Cyprus as a regional centre of excellence in medical education.

Programme Learning Outcomes

Knowledge and Understanding

Upon completion of the programme students should be able to:

1. Demonstrate knowledge of the basic, clinical, behavioural & social sciences, ethics and jurisprudence which are relevant to the study of medicine and be able to apply such knowledge in clinical practice e.g. in health promotion, disease prevention, diagnosis, treatment and rehabilitation.
2. Demonstrate knowledge of the principles and practice of public health in both individuals and populations, and acquire the ability to implement appropriate measures, independently and with others in the promotion of health, the prevention of illness and the treatment of disease.
3. Demonstrate problem-solving, critical thinking, and analytical skills in basic and clinical sciences, including research and evidence-based medicine needed for decision-making in the practice of medicine.
4. Exhibit ability to integrate socio-economic and ethical issues along various phases in learning related to the practice of medicine and management/ treatment modalities.
5. Recognise the importance of the therapeutic nature of the patient-doctor relationship and the impact on that relationship of the individual characteristics of both patient and doctor.

Skills

Upon completion of the programme students should be able to:

1. Communicate clearly, sensitively and effectively with patients and their relatives, with colleagues from relevant multidisciplinary professions and with communities.
2. Impart appropriate, relevant and correct information to patients, colleagues and communities in a coherent and clear manner.
3. Listen effectively to patients, respond to their communication needs and explore their concerns and expectations.
4. Demonstrate competency in a range of clinical and investigative skills safely, sensitively, independently and with confidence, to a predetermined standard.
5. Demonstrate a logical approach to solving patient problems, from history data, physical examination findings and results of

investigations, and use this information to make differential diagnosis and form management plans.
6. Keep accurate clinical records based on their own observations and communicate their findings to others clearly and concisely.
7. Demonstrate skills in the recording, organisation and management of information including the use of appropriate information technology.
8. Recognise and manage life-threatening conditions and provide immediate care of medical emergencies, including First Aid and resuscitation.
9. Prescribe drugs safely under supervision, including dosage calculation, prescription writing and administration
10. Critically appraise information extracted from appropriate information from a diverse range of resources, including library and on-line information (internet, intranet, on-line databases), with emphasis on evidence-based or best practices.
11. Recognise and fulfil the obligation to educate patients, colleagues and the communities.
12. Work with members of a multidisciplinary team and understand their own personal roles and responsibilities within the team, as well as those of the other healthcare professionals.
13. Show qualities of organisation, including prioritisation of workload and time management, with a sense of entrepreneurship.
14. Demonstrate strategies for preventing, and coping with, stress.

Behaviour

Upon completion of the programme students should be able to:

1. Ensure the care and safety of patients is central to their everyday practice.
2. Accept the moral, ethical and professional responsibilities involved in providing care to individual patients and communities, including concern for confidentiality and respect for individual autonomy
3. Respect patients, regardless of their lifestyles, culture, beliefs, religions, race, colour, gender, sexuality, disability, age, and social or economic status.
4. Respect the right of patients to be fully involved in decisions about their care, enabling patients and families to make informed decisions in relation to their treatment, including the right to refuse treatment or to refuse to take part in teaching or research.
5. Recognise own limitations, accept criticism when justified and know when to ask for help.
6. Adopt an empathic and holistic approach to patients and their problems.
7. Understand and uphold principles of honesty and trustworthiness.
8. Recognise a duty to protect patients and others by taking action if a colleague’s health, performance or conduct is putting patients at risk.
9. Behave in a professional manner at all times, by being punctual, reliable, honest, respectful, courteous, and well-presented.

10. Recognise the impact of your own health on your ability to practise medicine, and respond appropriately.
11. Keep up-to-date through self-directed learning and recognise that medical education is a lifelong process.
12. Work cooperatively as a member of a team, accepting and providing leadership as appropriate.

Programme Structure

The programme is structured around 12 academic semesters over a period of 6 years. In each semester students are required to take 30 ECTS credits, completing 360 ECTS credits after 12 semesters of full-time tuition.

Basic Medical Sciences	**180 ECTS**
Year 1	60 ECTS
Year 2	60 ECTS
Year 3	60 ECTS
Integrated Studies – Basic and Clinical Science	**60 ECTS**
Year 4	60 ECTS
Clinical Studies	**120 ECTS**
Year 5	60 ECTS
Year 6	60 ECTS
Total Requirements	**360 ECTS**

Years 1-3 (Basic Medical Sciences)

During Years 1-3 students gain knowledge in the basic medical sciences: general chemistry, organic chemistry, physics, biology, anatomy, histology, biochemistry, physiology, genetics, microbiology and virology, immunology, pharmacology, medical genetics, general pathology, medical sociology, medical psychology, medical ethics, research methods in medicine and essential medical statistics.

Students also take courses in integrated clinical practice where they develop the important clinical and communications skills required for medicine. Under supervision, students will have the opportunity to meet selected patients in local hospitals and clinics to practise these basic skills.

Year 4 (Integrated Studies – Basic and Clinical Sciences)

Year 4 represents a transition year from preclinical studies to clinical studies.

During Year 4 students take courses in haematology, systematic pharmacology, epidemiology and public health, and clinical pathophysiology. They also carry out a research project.

Furthermore, the students take a course in integrated clinical practice in which they build on the clinical and communication skills they developed during the previous years. The students will visit local hospitals, clinics and the community to further practise the skills they have learnt and gain first-hand experience of how medicine is practised in these settings. Students take part in clinical attachments in medicine, surgery and primary care.

Years 5-6 (Clinical Studies)

The objectives of Years 5 and 6 are to provide students with extensive experience in the clinical environment, mainly in hospitals but also in the community, so that they can utilise their learning over the previous 4 years to practise their clinical, communication, diagnostic and reasoning skills on real patients, and to learn about the management of patients, from a medical, therapeutic, surgical, psychosocial and caring perspective.

Students take part in clinical attachments in Cardiology, Cardiothoracic and Vascular Surgery, Respiratory Medicine, Thoracic Surgery and Breast Surgery, Gastroenterology and GI Surgery, Nephrology, Urology and Transplant Surgery, Rheumatology and Dermatology/Plastic Surgery, Neurology, Neurosurgery and Palliative Care, Psychiatry, Paediatrics, Obstetrics and Gynaecology, Internal Medicine, General Surgery, Emergency Medicine and Intensive Care, Orthopaedics, Otorhinolaryngology & Ophthalmology, Therapeutics and Prescribing, General Practice and Geriatric Medicine.

Students also do a Clinical Attachment Elective, spending four weeks on a chosen activity or medical specialty of their choice. Students are encouraged

to broaden their experiences by undertaking their elective in a different environment. This includes the option of going abroad for their elective.

Students remaining in Cyprus for clinical training will need an appropriate knowledge of Greek so that they can better communicate with patients. The Medical School provides Greek-language lessons throughout all years of the course to prepare students for this requirement.

Semester Breakdown

YEAR 1

SEMESTER 1		**SEMESTER 2**	
Course code/Title	**ECTS**	**Course code/Title**	**ECTS**
MED-101 Medical Physics I: The Human Body	6	MED-106 Research Methods in Medicine and Essential Medical Statistics	6
MED-102 General Chemistry	6	MED-107 Medical Physics II: Medical Imaging and Radiotherapy	6
MED-103 Biology I	6	MED-108 Organic Chemistry	6
MED-104 Medical Psychology	6	MED-109 Biology II	6
MED-110 Medical Sociology	6	MED-105 Medical Ethics	6
	30		**30**

YEAR 2

SEMESTER 3	**SEMESTER 4**

Course code/Title	ECTS	Course code/Title	ECTS
MED-201 Anatomy I	6	MED-206 Anatomy II	6
MED-202 Histology I	6	MED-207 Histology II	6
MED-203 Physiology I	6	MED-208 Physiology II	6
MED-204 Biochemistry I	6	MED-209 Biochemistry II	6
MED-205 Integrated Clinical Practice I	6	MED-210 Integrated Clinical Practice II	6
	30		**30**

YEAR 3

SEMESTER 5		**SEMESTER 6**	
Course code/Title	**ECTS**	**Course code/Title**	**ECTS**
MED-301 Brain & Behaviour	6	MED-306 Medical Genetics	6
MED-302 Microbiology & Virology	6	MED-307 Immunology	6
MED-303 Pharmacology	6	MED-308 Systematic Pharmacology I	6
MED-304 Pathology I	6	MED-309 Pathology II	6
MED-305 Integrated Clinical Practice III	6	MED-310 Integrated Clinical Practice IV	6
	30		**30**

YEAR 4

SEMESTER 7		**SEMESTER 8**	
Course code/Title	**ECTS**	**Course code/Title**	**ECTS**
MED-401A Haematology	3	MED-401B Haematology	3
MED-402A Systematic Pharmacology II	3	MED-402B Systematic Pharmacology II	3

MED-403A Epidemiology and Public Health	3	MED-403B Epidemiology and Public Health	3
MED-404A Clinical Pathophysiology	3	MED-404B Clinical Pathophysiology	3
MED-405A Research Project	3	MED-405B Research Project	3
MED-406A Integrated Clinical Practice V	15	MED-406B Integrated Clinical Practice V	15
	30		**30**

YEAR 5*

* The depicted sequence of courses for Year 5 is one possible sequence. Each student will complete all Year 5 courses by the end of the academic year. The sequence of courses is based on clinical capacity of affiliated hospitals.

SEMESTER 09		**SEMESTER 10**	
Course code/Title	**ECTS**	**Course code/Title**	**ECTS**
MED-501 Cardiology, Cardiothoracic and Vascular Surgery	6	MED-506 Neurology, Nerurosurgery and Palliative Care	6
MED-502 Respiratory Medicine, Thoracic Surgery and Breast Surgery	6	MED-507 Psychiatry	8
MED-503 Gastroenterology and GI Surgery	6	MED-508 Paediatrics	8
		MED-509 Obstetrics and Gynaecology	8
MED-504 Nephrology, Urology and Transplant Medicine	6		
MED-505 Rheumatology and Dearmatology/Plastic Surgery	6		
	30		**30**

YEAR 6**

**The depicted sequence of courses for Year 6 is one possible sequence. Each student will complete all Year 6 courses by the end of the academic year. The sequence of courses is based on clinical capacity of affiliated hospitals.

SEMESTER 11		SEMESTER 12	
Course code/Title	**ECTS**	**Course code/Title**	**ECTS**
MED-601 Internal Medicine	10	MED-604 Orthopaedics, Otorhinolaryngology and Ophthalmology	6
MED-602 General Surgery	10	MED-605 Therapeutics and Prescribing	4
MED-603 Emergency Medicine and Intensive Care	10	MED-606 General Practice and Geriatric Medicine	10
		MED-607 Elective Clinical Attachment	