

Doctorate in Medicine in the Faculty of Medical Sciences

HEALTH HUB

The recently launched UM6P Health Cluster aims to develop an ecosystem that integrates academic medical education, scientific research and health services. This initiative is implemented through the Smart Health Care City project in Benguerir.

The academic programs offered by the Faculty of Medical Sciences (FMS) of the Health Cluster include a Doctorate in Medicine, a Doctorate in Pharmacy and a Polyvalent Nursing Degree. These programs are meticulously developed to meet the current and future needs of the healthcare sector and are aligned with advances in medical technology.

The pedagogical approach adopted emphasizes clinical simulation, reflective analysis and evaluation of professional practice. This ensures that students are equipped with the practical and critical thinking skills essential for the evolving healthcare landscape.

The Smart Health Care City project, which includes a university hospital center, rehabilitation center and geriatric hospital, is a significant achievement in the advancement of healthcare.

DOCTORATE IN MEDICINE

The Doctorate in Medicine at the UM6P-Faculty of Medical Sciences aims to train versatile and engaged physicians capable of making significant contributions to medicine, medical research and public health. Graduates develop advanced skills in curative, preventive and rehabilitative care, while being attuned to the human, psychological and moral dimensions of the profession. The program also focuses on health care management, integrates an economic perspective into health care interventions, and promotes continuous professional development. In essence, it prepares professionals to meet the diverse challenges of the health sector.

POSTGRADUATE CAREER OPPORTUNITIES

Choose medical excellence with a Doctor of Medicine from the UM6P-Faculty of Medical Sciences, where training combines academic excellence with the practical realities of the healthcare sector.

- A clinical doctor in the public, semi-public or private sector.
- Advanced postgraduate medical, surgical or biological studies.
- Healthcare administrator.
- Medical educator.
- Public health specialist.
- Researcher.
- Researcher through the doctoral path (UM6P-CEDOC).

COMPETENCIES ACQUIRED

The aim of the program is to equip students with a range of skills:

- Primary Health Care Management : Develop the ability to effectively manage primary health care and public health programs.
- Comprehensive patient-centered approach : Cultivate problem-solving skills and adopt an integrated, patient-centered approach.
- Family and community integration: Incorporate family and community issues into medical practice.
- Long-term care skills : Acquire skills to provide long-term care.
- Care coordination : Development of health care coordination skills.
- Comprehensive medical education and training : Receive in-depth training in a range of medical disciplines, from molecular biology to surgery, including pharmacology and epidemiology.
- Contribute to medical research : Engage in innovative projects that can impact on medical practice.
- Preparation for clinical leadership: Prepare for clinical leadership roles to deliver high quality patient care.

EDUCATIONAL PROGRAMME

The Doctor of Medicine is a 6-year intensive program of theoretical courses, clinical training and advanced research. Students work closely with prestigious professors and have access to the highest technological medical facilities.

YEAR 1 program in the DOCTORATE IN MEDICINE

- Chemistry & Biochemistry
- Biology: Cellular & Molecular Biology
- Public Health and Social Medicine I
- Medical Learning Methodology – Terminology
- Physico/Mechanic
- Anatomy I: Introduction to healthy human body I
- ICT and documentary research & Language/Soft skills
- Histology/Embryology I & Teratology
- Biophysics: Basic electromagnetic and wave theory
- Anatomy II: Introduction to the Healthy Human Body II
- Psycho sociology and History of Medicine
- Narrative Medicine

YEAR 2 program in the DOCTORATE IN MEDICINE

- ANATOMY III: Introduction to healthy human body III
 - SEMIOLOGY I
 - HISTOLOGY & EMBRYOLOGY II
 - Physiology I
 - Microbiology, virology, and immunology
 - First Aid and Experimental Medicine/Problem Based Learning
 - Physiology II
 - Anatomy IV: The head and neck system of the healthy person
 - Semiology 2
 - Machine learning for biological and medical applications
 - Hematology of the Healthy and Sick Person
 - Clinical Biochemistry and Metabolism
- # YEAR 3 program in the DOCTORATE IN MEDICINE

- Radiology & Medical Imaging
- General Pharmacology
- Infectious Diseases & Parasitology & Mycology
- General Pathological Anatomy
- The sick patient: diseases of the digestive tract and liver
- Part time clinical internship: cardiology
- Cardiovascular system of sick person EEE 26
- Respiratory system of the sick person

YEAR 4 program in the DOCTORATE IN MEDICINE

- Hematology and cancerology
- Endocrinology & Dermatology
- Special Pathological Anatomy
- The nervous system of the sick person
- Locomotor system
- UROLOGY AND NEPHROLOGY
- Childhood Diseases 53
- Immunopathology and Genetics

YEAR 5

- Part time clinical internship: Psychiatry or Anesthesia Resuscitation or Emergencies
- Clinical reasoning and therapeutic synthesis
- Gynecology/obstetrics
- Legal Medicine and Occupational Medicine/Public Health Ethics & Deontology
- Part time clinical internship: Public health
- Emergencies and Intensive care & Pain and Palliative Care
- Part time clinical internship: ENT/Ophthalmology/Stomatology
- Part time clinical internship: Public health
- ENT /OPHTHALMOLOGY/ Stomatology and Maxillofacial Surgery

- Psychiatric disorders: from clinical aspects to molecular genetic bases

YEAR 6

- Full time Hospital internships: 6 months of internships among 5 choices: Medicine 2 months or Surgery 2 months Pediatrics III 2 months OR Gynecology Obstetrics II 2 months public health 2 months
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- Full time Hospital internships: Full Time Internship Internships 1
- Family medicine 1
- Full time Hospital internships: 4 months of internships among 5 choices: Medicine 2 months or Surgery 2 months Pediatrics III 2 months OR Gynecology Obstetrics II 2 months public health 2 months
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- Family medicine 2
- Preventive Medicine, Alternative Medicine, and Predictive Medicine

ACADEMIC ADDED VALUE

This program provides several distinct advantages, including:

- Teaching in English: Courses are provided in English, giving you the opportunity to master the international language.
- Simulation-based learning: The pedagogical approach incorporates simulation sessions, allowing students to develop practical skills in a controlled environment.
- Continuous practical experience: Practical training is integrated across the entire program, providing hands-on experience in the medical field.
- Research Opportunities: Students can participate in research projects, enriching their understanding of medical advances.
- Access to advanced research labs: Benefit from privileged access to state-of-the-art research laboratories to deepen scientific knowledge.
- National and international partnerships: Our students benefit from collaborating with various partners, both nationally and internationally, helping to expand professional and academic horizons.

THE ADVANTAGES OF THE CAMPUS

Set in over than 60 hectares of landscaped grounds, the campus offers you modern, fully equipped facilities, adapted to your teaching and research needs.

Our students benefit from a living environment that is conducive to learning, community life and personal development: secure residences, a 3-hectare sports complex, a library with over 15,000 references, catering facilities and places to relax and socialize.

The health of our students and staff is of prime importance, and a health center is also available to meet your needs.

Finally, students' associative projects, whether they involve entrepreneurship, civic engagement, cultural activities..., are encouraged and supported by the University. In this way, your career is enriched on both a professional and personal level.

ADMISSION REQUIREMENTS into the DOCTORATE IN MEDICINE

Registration is open to candidates who hold a baccalaureate in the following fields:

- Mathematical Sciences
- Life and Earth Sciences
- Physical and Chemical Sciences

or equivalent in accordance with the provisions of the regulatory texts in force, satisfying the admission criteria, within the limits of the available seats.

APPLICATION REQUIREMENTS for the DOCTORATE IN MEDICINE

- Two ID photographs
- School grades
- Copies of diplomas or certificates
- Photocopy of the C.N.I.E / Passport

Original documents and/or certified copies will be required at the time of final registration.

EXAMINATION OF ACADEMIC FILE for the DOCTORATE IN MEDICINE

- Study of academic file
- Written test

SCHOLARSHIP for the DOCTORATE IN MEDICINE

As part of its commitment to corporate citizenship, UM6P supports students through an attractive system of study and living grants. Contact us to find out more.

STUDIES FEES for the DOCTORATE IN MEDICINE

- Registration fee: 5.000 Dhs
- Studies fees: 130.000 Dhs /year

DURATION of the DOCTORATE IN MEDICINE

6 years (Full Time)

SEATS AVAILABLE for the DOCTORATE IN MEDICINE

100

LOCATION of the DOCTORATE IN MEDICINE

University Mohammed VI Polytechnic

Campus Benguerir

LANGUAGE OF INSTRUCTION of the DOCTORATE IN MEDICINE

English

CONTACT INFORMATION for the DOCTORATE IN MEDICINE Faculty of Medical Sciences

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Université Mohammed VI Polytechnique

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