



UNIVERSITY OF CRETE

**Faculty of Medicine**

School of Health Sciences

## Study Guide





## Faculty Organization

### Establishment of the faculty

The Faculty of Medicine of The School of Health Sciences of the University of Crete was established by the Presidential Decree 361/1983 and started its operation in the academic year 1984-85 with the admission of its first students.

By the Presidential Decree 96/2013 and the subsequent No.10954 University of Crete Rector's Act (National Gazette 1959 issue B) the Faculty of Medicine was declared the only Faculty of The School of Health Sciences.



### Administration of Faculty/School

**Dean and Chair:** Andreas Margioris

Professor of Clinical Chemistry - Biochemistry

E-mail: [andym@med.uoc.gr](mailto:andym@med.uoc.gr)

### Registrar:

Marietta Dermitzaki

Email: [medsec@med.uoc.gr](mailto:medsec@med.uoc.gr)



## Structure and Operation of Faculty

(existing departments and labs)

The Faculty of Medicine comprises the following 10 departments:

Department of Radiology

Department of Basic Sciences

Department of Laboratory Medicine

Department of Social Medicine

Department of Mother-Child Health

Department of Morphology

Department of Neurology and Sensory Organs

Department of Internal Medicine

Department of Surgery

Department of Psychology and Behavioural Sciences

Each department is run by a **Head** elected at the beginning of each academic year and by the **General Assembly**.



## A. CLINICS AND LABORATORIES

The clinics and labs of the Faculty of Medicine of the School of Health Sciences of the University of Crete as stipulated by the provisions of article 1 of the Presidential Decree 361/1983 (Government Gazette 129 A' as well as error correcting Government Gazette 185, 1983 A') and amended by the Ministry Act B1/370 (Government Gazette 303, 1988 A') are distributed to departments as follows:

### 1. Department of Radiology:

#### a. Medical Imaging Laboratory

with the following divisions:

- General Radiodiagnostics
- Ultrasonography
- Angiography- Invasive Radiology
- Axial Tomography
- Magnetic Resonance
- Child Radiology
- Gastroenteroradiology

#### b. Laboratory of Radiotherapeutic Oncology\*

#### c. Medical Physics Laboratory

#### d. Nuclear Medicine Laboratory

• Renamed by Ministry Act B1/556/29-7-96 (Government Gazette 864/16.9.96 v. B)

### 2. Department of Basic Sciences:

#### a. Chemistry Lab

with the following divisions :

- Environmental Chemistry
- Medical Chemistry

#### b. Biochemistry Lab

#### c. Biology Lab

with the following divisions :

- Cell Biology

- Molecular Biology

- Radiobiology

#### d. Genetics Lab

Lab with the following divisions :

- Cell genetics
- Molecular genetics

#### e. Systemic Physiology Lab\*

<http://physiology.med.uoc.gr/>

#### f. Biophysics Lab

#### g. Pharmacology Lab

with the following divisions : <http://thermoslab.med.uoc.gr/index.html>

[http://gravanis.med.uoc.gr/Gravanis\\_Lab/MAIN\\_PAGE.html](http://gravanis.med.uoc.gr/Gravanis_Lab/MAIN_PAGE.html)

- Pharmacokinetics and Bioavailability
- Pharmacogenomics and Drug receptors

#### h. Bacteriology Lab

#### i. Basic Neurosciences Lab

#### j. Virology Lab

#### k. Immunobiology Lab

#### l. Computational Biology Lab

• Renamed by Ministry Act B1/556/29-7-96 (Government Gazette 864/16.9.96 v. B)

### 3. Department of Laboratory Medicine

#### a. Clinical Bacteriology Lab

#### b. Clinical Virology Lab

#### c. Laboratory of Clinical Parasitology, Zoonoses and Geographical Medicine

#### d. Clinical Chemistry and Biochemistry Lab

#### e. Laboratory Endocrinology Lab

#### f. Clinical Immunology Lab

with the division of

- Tissue Compatibility

#### g. Haematology Lab

with the following divisions:

- Erythrocytes
- Leucocytes
- Haemostasis
- Haemoglobinopathies

#### h. Laboratory of Blood Donation and Blood Products

### 4. Department of Social Medicine:

#### a. Clinic of Preventive Social Medicine

with the following divisions:

- Preventive Social Medicine
- Epidemiology and Social Hygiene
- Nutrition

#### b. Clinic of Social Family Medicine

with the following divisions:

- Social Family Medicine
- Community Paediatrics and School Medicine
- Sports Medicine
- Gerontology
- Health Education
- Public Health - Education
- Primary Health Care

#### c. Health Planning Lab

with the following divisions:

- Principles of Health Planning
- Health Sociology
- Health Economics

#### d. Clinic of Occupational Health

(Hygiene / Physiology / Psychology / Ergonomy)

#### e. Clinic of Rehabilitation

with the following divisions:

- Rehabilitation
- Physiotherapy

#### f. Biostatistics Lab

with the following divisions:

- Biostatistics
- Medical Informatics

#### g. Laboratory of History of Medicine and Medical Ethics

### 5. Department of Mother – Child Health

#### a. Clinic of General Paediatrics

with the following divisions and their corresponding out-patient departments:

- Childhood Infectious Diseases
- Paediatric Thoracic Medicine
- Paediatric Cardiology
- Paediatric Nephrology
- Paediatric Neurology
- Childhood Metabolism and Endocrinology
- Paediatric Intensive Care
- Growth and Development
- Clinical Genetics
- Paediatric Gastroenterology

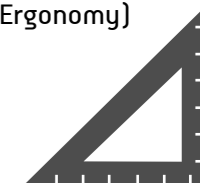
#### b. Clinic of Neonatology

with its out-patient department and Special Unit:

- Neonatal Intensive Care

#### c. Clinic of Haematology and Oncology

with the Special Unit



Children's Thalassaemia and corresponding out-patient departments

#### **d. Clinic of Gynaecology-Obstetrics**

with the following divisions and their corresponding out-patient departments:

- Gynaecology
- Obstetrics
- High Risk Pregnancy
- Perinatal Care
- Family Planning
- Gynaecological Endocrinology and In Vitro Fertilisation
- Child and Adolescent Gynaecology
- Gynaecological Oncology

### 6. Department of Morphology

#### **a. Anatomy Lab**

#### **b. Histology Lab**

#### **c. Embryology Lab**

#### **d. Pathology Lab**

with the following divisions:

- Tissue Pathology
- Cell Pathology
- Electron Microscopy
- Immunohistopathology

#### **e. Forensic Sciences Lab**

with the following divisions:

- Forensic Science
- Laboratory of Toxicology and Forensic Chemistry

### 7. Department of Neurology and Sensory Organs:

#### **a. Neurology Clinic**

with the following divisions and their corresponding out-patient departments:

- Clinical Neurophysiology
- Epilepsy
- Metabolic Diseases of Neural Tissue

#### **b. Neurosurgery Clinic**

including an out-patient department.

#### **c. Otorhinolaryngology Clinic**

with the following divisions:

- Rhinomanometry
- Audiology – Speech Therapy
- Paediatric ENT
- Laser Applications in ENT

with their corresponding out-patient departments

#### **d. Ophthalmology Clinic**

with the following divisions and their corresponding out-patient departments: <http://www.ivo.gr/>

- Child Ophthalmology
- Laser Applications in Ophthalmology
- Microsurgery and Cornea
- Retina

### 8. Department of Internal Medicine:

#### **a. General Internal Medicine Clinic**

including the following divisions:

- Infectious Diseases in Adults
- Immunosuppressed Patients

and their corresponding out-patient departments

#### **b. Clinic of Endocrinology and Metabolic Diseases**

including the following divisions:

- Diabetes
- Reproductive Endocrinology

and their corresponding out-patient departments

#### **c. Thoracic Medicine Clinic**

including a corresponding out-patient department

and the following divisions:

- Bronchoscopy
- Lung Function Testing

#### **d. Dermatology Clinic**

including a corresponding out-patient department

#### **e. Nephrology Clinic**

including a corresponding out-patient department as well as the Special Unit of Extrarenal Dialysis

#### **f. Clinic of Rheumatology and Clinical Immunology**

including the Special Unit of Allergiology and their corresponding out-patient departments

#### **g. Gastroenterology Clinic**

including a corresponding out-patient department and the following divisions:

- Endoscopy
- Digestive Tract, Liver and Pancreas Investigations

#### **h. Haematology Clinic**

including the Special Unit of Autologous Transplantations and the regular out-patient departments as well as the Special Unit of Neutropenias

#### **i. Oncology Clinic**

including a corresponding out-patient department and the following divisions:

- Chemotherapy
- Post Radiotherapy Follow Up

#### **j. Cardiology Clinic**

including a corresponding out-patient department and the following divisions:

- Intensive Cardiac Care
- Catheterization, Electrophysiology and Pacemaking

- Non Invasive Cardiodiagnostics

#### **k. Clinical Pharmacology Lab**

### 9. Department of Surgery:

#### **a. Clinic of General Surgery**

with the following divisions:

- Surgical Gastroenterology
- Child Surgery

and corresponding out-patient departments

#### **b. Clinic of Orthopaedics and Trauma**

including an out-patient department and the following divisions:

- Vertebral Column Scoliosis
- Child Orthopaedics
- Sports Injuries and Kinesiology

#### **c. Cardiac - Thoracic - Vascular Clinic**

with the following divisions:

- Heart Surgery
- Thoracic Surgery
- Vascular Surgery
- Non Invasive Vascular Diagnostics and corresponding out-patient departments

#### **d. Urology Clinic**

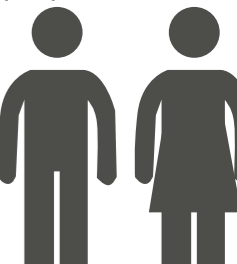
including the following divisions:

- Cystoscopy and Urodynamics
- Male Sterility
- Non Invasive Urology-Lithotripsy and corresponding out-patient departments

#### **e. Clinic of Surgical Oncology**

with the following divisions:

- Surgical Endocrinology
- Plastic Surgery and Burns
- Oral and Parenteral Nutrition and their corresponding out-patient departments





<http://www.melanoma.gr/>

#### **f. Clinic of Anaesthesiology**

including a corresponding out-patient department as well as the following divisions:

- Post Anaesthesia Recovery
- Intensive Care Unit (ICU adults)
- Acute Care Unit (ACU)
- Chronic Pain

#### **10. Department of Psychiatry and Behavioural Sciences:**

##### **a. Clinic of Psychiatry**

with the following divisions:

- Psychogeriatrics
- Occupational Therapy
- Community Psychiatry and Social Rehabilitation
- Psychology of Individuals/Community and corresponding out-patient departments

##### **b. Clinic of Child Psychiatry**

with its corresponding out-patient department

## **B. TEACHING STAFF**

### **Department of Radiology**

#### **Varveris Haralambos**

Assistant Professor of Radiotherapy  
varveris@med.uoc.gr

#### **Damilakis Ioannis**

Professor of Medical Physics  
damilaki@med.uoc.gr

#### **Karantanas Apostolos**

Professor of Radiology  
karantanas@med.uoc.gr

#### **Koukouraki Sophia**

Assistant Professor of Nuclear Physics  
skoukou@med.uoc.gr

#### **Mazonakis Michael**

Assistant Professor of Medical Physics  
mazonak@med.uoc.gr

#### **Maris Thomas**

Assistant Professor of Medical Physics  
tmaris@med.uoc.gr

#### **Papadaki Efrosyni**

Lecturer of Radiology specialized in Neuroradiology  
f.papadaki@med.uoc.gr

#### **Perisinakis Konstantinos**

Assistant Professor  
perisina@md.uoc.gr

#### **Raisaki Maria**

Assistant Professor of Child Radiology  
mraissaki@yahoo.gr

#### **Tsetis Demetrios**

Associate Professor of General Radiology/Invasive Radiology  
tsetis@med.uoc.gr

#### **Hatzidakis Adam**

Assistant Professor of Vascular Radiology/Invasive Radiology  
adamhatz@med.uoc.gr

#### **Secretariat:**

Markaki Evanthia  
tel: 2810394930 – Fax: 2810394933  
E-mail: markaki@med.uoc.gr

### **Department of Basic Medical Sciences**

#### **Gravanis Achilleas**

Professor of Pharmacology  
gravanis@med.uoc.gr

#### **Gregoriou Georgia**

Assistant Professor of Physiology  
gregotiougeorgia@gmail.com

#### **Dalezios Ioannis**

Assistant Professor of Physiology  
dalezios@med.uoc.gr

#### **Zachariou Venetia**

Associate Professor of Pharmacology  
vzachar@med.uoc.gr

#### **Eliopoulos Aristidis**

Professor of Cellular Molecular Biology  
eliopag@med.uoc.gr

#### **Eliopoulos Ioannis**

Lecturer of Molecular Biology with emphasis on Bioinformatics  
ioannis@iti.gr

#### **Theodoropoulos Panagiotis**

Associate Professor of Biochemistry  
takis@med.uoc.gr

#### **Kampranis Sotirios**

Assistant Professor of Biochemistry  
s.kampranis@med.uoc.gr

#### **Kardasis Demetrios**

Professor of Biochemistry  
kardasis@imbb.forth.gr

#### **Karagogeos Domna**

Professor of Molecular Biology – Developmental Neurobiology  
karagoge@med.uoc.gr

#### **Katerinopoulos Thermos Kyriaki**

Professor of Pharmacology  
thermos@med.uoc.gr

#### **Liapakis Georgios**

Associate Professor of Pharmacology  
liapakis@med.uoc.gr

#### **Mavrothalassitis Georgios**

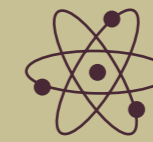
Professor of Chemistry  
mavro@med.uoc.gr

#### **Moschovakis Antonios**

Professor of Physiology  
moschov@med.uoc.gr

#### **Papakonstanti Evangelia**

Assistant Professor of Biochemistry  
epapak@med.uoc.gr



### **Raos Vassilios**

Assistant Professor of Physiology  
vraos@med.uoc.gr

### **Savaki Eleni**

Professor of Physiology  
savaki@med.uoc.gr

### **Savakis Haralambos**

Professor of Molecular Biology  
savakis@med.uoc.gr

### **Stournaras Christos**

Professor of Biochemistry  
cstourn@med.uoc.gr

### **Haralabopoulos Ioannis**

Assistant Professor of Pharmacology  
gharalab@med.uoc.gr

### **Christakos Constantinos**

Professor of Physiology  
ccnncc@med.uoc.gr

### **Secretariat:**

Valourdou Elina  
tel: 2810394540 Fax: 2810394530  
E-mail: tbesecr@med.uoc.gr

## Department of Laboratory Medicine

### **Antoniou Maria**

Assistant Professor of Parasitology  
antoniou@med.uoc.gr

### **Venihaki Maria**

Assistant Professor of Clinical Chemistry  
venihaki@med.uoc.gr

### **Castanas Elias**

Professor of Laboratory Endocrinology

castanas@med.uoc.gr

### **Kampa Maria-Eleni**

Assistant Professor of Laboratory Endocrinology  
kampa@med.uoc.gr

### **Margioris Andreas**

Professor of Clinical Chemistry-Biochemistry  
andym@med.uoc.gr

### **Notas Georgios**

Assistant Professor of Laboratory Endocrinology  
gnotas@med.uoc.gr

### **Scoulica Efstathia**

Assistant Professor of Clinical Bacteriology  
scoulica@med.uoc.gr

### **Sourvinos Georgios**

Associate Professor of Clinical Virology  
sourvino@med.uoc.gr

### **Spandidos Dimitrios**

Professor of Virology  
spandido@med.uoc.gr

### **Tsatsanis Christos**

Associate Professor of Clinical Chemistry  
tsatsani@med.uoc.gr

### **Psaroulaki Anna**

Assistant Professor of Zoonoses  
annapsa@med.uoc.gr

### **Secretariat:**

Katzilaki Eleftheria  
tel: 2810394570 Fax:2810394864  
E-mail: labmedsec@med.uoc.gr

## Department of Social Medicine

### **Lionis Christos**

Professor of Social Family Medicine  
lionis@med.uoc.gr

### **Moshandrea Ioanna**

Assistant Professor of Biostatistics  
joanna@med.uoc.gr

### **Trompoukis Konstantinos**

Assistant Professor of History of Medicine and  
Medical Ethics  
trompoukis@med.uoc.gr

### **Philalithis Tassos**

Professor of Social Medicine – Health Planning  
tassos@med.uoc.gr

### **Chatzi Vaia Leda**

Assistant Professor of Epidemiology - Nutrition  
lchatzi@med.uoc.gr

### **Chlouverakis Grigoris**

Associate Professor of Biostatistics  
gchlouve@med.uoc.gr

### **Secretariat:**

Spyridaki Despina  
tel: 2810394600,2810394919  
E-mail: social.medicine@med.uoc.gr

## Department of Mother – Child Health

### **Mantzourani Evangelia**

Professor of Paediatrics  
mantzourani@med.uoc.gr

### **Matalliotakis Ioannis**

Associate Professor of Obstetrics - Gynaecology  
matak@med.uoc.gr

### **Galanakis Emmanouil**

Associate Professor of Paediatrics with emphasis  
on Childhood Infectious Diseases  
egalanak@med.uoc.gr

### **Germanakis Ioannis**

Assistant Professor of Paediatrics with emphasis  
on Paediatric Cardiology  
germjohn@med.uoc.gr

### **Gianakopoulou Christina**

Associate Professor of Neonatology  
gianakop@med.uoc.gr

### **Dimitriou Eleni**

Associate Professor of Child Haematology & Oncology  
lena@med.uoc.gr

### **Briassoulis Georgios**

Associate Professor of Paediatric Intensive Care  
ggbriass@med.uoc.gr

### **Perdikogianni Chrisoula**

Lecturer of Paediatrics  
cperdiko@yahoo.gr

### **Relakis Konstantinos**

Associate Professor of Obstetrics - Gynaecology  
relakisk@med.uoc.gr

### **Steiakaki Eftihia**

Associate Professor of Child Haematology & Oncology  
efstel@med.uoc.gr

### **Secretariat:**

Xidaki Evaggelia  
Tel: 2810394780  
E-mail: xidaki@med.uoc.gr

## Department of Morphology



**Drakos Elias**

Lecturer of Pathology  
hdrakos@med.uoc.gr

**Zafeiropoulos Alexandros**

Assistant Professor of Histology  
zafeiros@med.uoc.gr

**Kalogeraki Alexandra**

Assistant Professor of Cell Biology  
kalogerakimed@yahoo.gr

**Koutsopoulos Anastasios**

Assistant Professor of Pathology  
akoutsop@med.uoc.gr

**Michalodimitrakis Emmanouil**

Professor of Forensics  
michalom2@gmail.com

**Nikitovic -Tzanakaki Dragana**

Lecturer of Embryology-Histology  
dnikitovic@med.uoc.gr

**Tzanakakis Georgios**

Professor of Anatomy-Histology  
tzanakak@med.uoc.gr

**Tzardi Maria**

Assistant Professor of Pathology  
tzardi@med.uoc.gr

**Tzatzarakis Emmanouil**

Lecturer of Toxicology  
tzatzarakis@med.uoc.gr

**Tsatsakis Aristeidis**

Professor of Forensic Toxicology  
aris@med.uoc.gr

**Tsiaoussis Ioannis**

Assistant Professor of Anatomy  
jtsiaoussis@hotmail.com

**Secretariat**

Orfanaki Aikaterini  
Tel: 2810394700  
E-mail: orfanaki@med.uoc.gr

**Department of Neurology  
and Sensory Organs****Amoiridis Georgios**

Associate Professor of Neurology & Clinical Neuro-  
physiology – Neuromuscular Diseases  
amoirid@med.uoc.gr

**Vakis Antonios**

Assistant Professor of Neurosurgery  
vakisant@med.uoc.gr

**Velegrakis Georgios**

Professor of Otorhinolaryngology  
gvel@med.uoc.gr

**Detorakis Efstathios**

Assistant Professor of Neurology  
detorakis@hotmail.com

**Zaganas Ioannis**

Assistant Professor of Ophthalmology  
johnzag@med.uoc.gr

**Kymionis Georgios**

Assistant Professor of Ophthalmology  
kymionis@med.uoc.gr

**Pallikaris Ioannis**

Professor of Ophthalmology  
pallikar@med.uoc.gr

**Prokopakis Emmanouil**

Assistant Professor of Otorhinolaryngology  
emmanuel@prokopakis.gr

**Siganos Charalabos**

Assistant Professor of Ophthalmology  
csiganos@med.uoc.gr

**Spanaki Kleanthi**

Assistant Professor of Neurology  
kliospanaki@yahoo.gr

**Tsilimbaris Miltiadis**

Associate Professor of Ophthalmology  
tsilimb@med.uoc.gr

**Christodoulou Panagiotis**

Assistant Professor of Otorhinolaryngology  
christop@med.uoc.gr

**Secretariat**

Kalatha Vaso  
Tel: 2810394650  
E-mail: kalatha@med.uoc.gr

**Department of Internal Medicine****Agelaki Sofia**

Assistant Professor of Oncology  
agelaki@med.uoc.gr

**Alexandrakis Michail**

Professor of Haematology  
alexandm@med.uoc.gr

**Antoniou Aikaterini**

Assistant Professor of Thoracic Medicine  
antoniou@med.uoc.gr

**Vardas Panagiotis**

Professor of Cardiology  
cardio@med.uoc.gr

**Ganotakis Emmanouil**

Professor of General Internal Medicine  
ganotak@meduoc.gr

**Georgoulas Vasileios**

Professor of Oncology  
georgoul@med.uoc.gr

**Gikas Achilleas**

Professor of General Internal Medicine  
gikas@med.uoc.gr

**Goulielmos Georgios**

Associate Professor of Human Molecular Genetics  
with emphasis on Internal Medicine  
goulielmos@med.uoc.gr

**Dafnis Evgenios**

Assistant Professor of Nephrology  
nefrolog@med.uoc.gr

### **Kouroumalis Elias**

Professor Gastroenterology  
kouroum@med.uoc.gr

### **Koutroubakis Ioannis**

Associate Professor of Gastroenterology  
ikoutroub@med.uoc.gr

### **Kofteridis Diamandis**

Assistant Professor of General Internal Medicine  
kofterid@med.uoc.gr

### **Kochiadakis Georgios**

Assistant Professor of Cardiology  
gkochiad@med.uoc.gr

### **Krasagakis Konstantinos**

Associate Professor Dermatology  
krasagak@med.uoc.gr

### **Kruger-Krasagakis Sabine-Elke**

Associate Professor Dermatology  
krkras@med.uoc.gr

### **Kotsakis Athanasios**

Lecturer of Oncology  
thankotsakis@hotmail.com

### **Mavrudis Dimitrios**

Professor of Oncology  
mavrudis@med.uoc.gr

### **Mouzas Ioannis**

Associate Professor of Gastroenterology  
mouzas@med.uoc.gr

### **Papavasileiou Efstathios**

Associate Professor of Endocrinology  
papavasi@med.uoc.gr

### **Papadaki Eleni**

Professor of Clinical Haematology  
epapadak@med.uoc.gr

### **Papadakis Konstantinos**

Associate Professor of Gastroenterology  
kpadakis@med.uoc.gr

### **Parthenakis Fragiskos**

Associate Professor of Cardiology  
fparth@med.uoc.gr

### **Pontikoglou Charalampos**

Lecturer of Haematology  
c.pontikoglou@med.uoc.gr

### **Samonis Georgios**

Professor of Internal Medicine-Oncology  
samonis@med.uoc.gr

### **Simantirakis Emmanouil**

Assistant Professor of Cardiology  
esimant@med.uoc.gr

### **Siafakas Nikolaos**

Professor of Thoracic Medicine  
siafak@mail.uoc.gr

### **Sidiropoulos Prodromos**

Assistant Professor of Rheumatology  
sidiropp@med.uoc.gr

### **Skalides Emmanouil**

Assistant Professor of Cardiology-  
Haemodynamics  
skalides@med.uoc.gr

### **Souglakos Ioannis**

Assistant Professor of Oncology  
johnsougl@gmail.com

### **Schiza Sofia**

Assistant Professor of Thoracic Medicine  
schiza@med.uoc.gr

Tzanakis Nikolaos

Associate Professor of Epidemiology-Public  
Health

tzanakis@med.uoc.gr

### **Tzortzaki Eleni**

Assistant Professor of Thoracic Medicine  
tzortzaki@med.uoc.gr

### **Toska Androniki**

Professor of Dermatology  
derma@med.uoc.gr

### **Secretariat:**

Perogamvraki Amalia

Tel: 2810394770 Fax: 2810394796

Katzilaki Eleftheria

Tel: 2810394757

E-mail: secrintm@med.uoc.gr

## Department of Surgery

### **Agouridakis Panagiotis**

Assistant Professor of Emergency Medicine  
agouridp@med.uoc.gr

### **Almpantaki Kalliopi**

Lecturer of Orthopaedics with emphasis on the  
Vertebral Column  
apopaki@yahoo.gr

### **Vaporidi Aikaterini**

Assistant Professor of Intensive Care  
vaporidi@med.uoc.gr

### **Georgopoulos Dimitrios**

Professor of Intensive Care  
georgop@med.uoc.gr

### **Zoras Odysseas**

Professor of General Surgery with emphasis on  
Surgical Oncology  
ozoras@med.uoc.gr

### **Ioannou Christos**

Assistant Professor of Vascular Surgery  
ioannou@med.uoc.gr

### **Katonis Pavlos**

Associate Professor of Orthopaedics of the Verte-  
bral Column  
katonis@med.uoc.gr

### **Kondili Evmorfia**

Assistant Professor of Intensive Care  
konde@med.uoc.gr

### **Kontakis Georgios**

Professor of Orthopaedics  
kontak@med.uoc.gr

### **Lazopoulos Georgios**

Assistant Professor of Thoracic Surgery  
g.lazopoulos@med.uoc.gr

### **Mamoulakis Charalampos**

Assistant Professor of Urology  
c.mamoulakis@med.uoc.gr

### **Melissas Ioannis**

Professor of General Surgery  
melissas@med.uoc.gr





### De Bre Elko

Assistant Professor of General Surgery  
debree@med.uoc.gr

### Papaioannou Alexandra

Assistant Professor of Anaesthesiology  
alpapa@med.uoc.gr

### Romanos Ioannis

Assistant Professor of General Surgery  
romanos@med.uoc.gr

### Sanidas Elias

Assistant Professor of Surgery  
esanidas@med.uoc.gr

### Sofras Fragiskos

Professor of Urology  
sofras@med.uoc.gr

### Chalkiadakis Georgios

Professor of General Surgery  
chalk@med.uoc.gr

### Chrisos Emmanouil

Associate Professor of General Surgery  
atlscrete@med.uoc.gr

### Secretariat:

Skoula Maria  
Tel. 2810394730 Fax: 2810394734  
E-mail: surgsecr@med.uoc.gr

### Department of Psychiatry and Behavioural Sciences

Vgontzas Alexandros

Professor of Psychiatry  
avgontzas@med.uoc.gr

### Basta Maria

Assistant Professor of Psychiatry  
mbasta@med.uoc.gr

### Bitsios Panagiotis

Assistant Professor of Psychiatry  
pbitsios@med.uoc.gr

### Simos Panagiotis-Gabriel

Professor of Developmental Neuropsychology  
akis.simos@gmail.com

### Secretariat:

Spyridaki Despina  
Tel. 2810394919  
E-mail: dspyridaki@med.uoc.gr



## ERASMUS Program participation of the Faculty

(list of cooperating universities and faculties)

	Institution	Web Page
ENGLAND	University of Cardiff UNIVERSITY OF LIVERPOOL UNIVERSITY OF SOUTHAMPTON	<a href="http://www.cardiff.ac.uk">www.cardiff.ac.uk</a> <a href="http://www.liv.ac.uk">www.liv.ac.uk</a> <a href="http://www.soton.ac.uk">www.soton.ac.uk</a>
AUSTRIA	Medical University of Innsbruck Medizinische Universitaet Wien Karl-Franzens Universitaet Graz	<a href="http://www.uibk.ac.at">www.uibk.ac.at</a> <a href="http://www.meduniwien.ac.at">www.meduniwien.ac.at</a> <a href="http://www.kfunigraz.ac.at">www.kfunigraz.ac.at</a>
BELGIUM	Universite Libre de Bruxelles Universite de Antwerpen	<a href="http://www.ulb.ac.be">www.ulb.ac.be</a> <a href="http://www.ua.ac.be">www.ua.ac.be</a>
BULGARIA	Trakia University of Stara Zagora Medical University of Sofia	<a href="http://www.uni-sz.bg/engl/index.html">www.uni-sz.bg/engl/index.html</a> <a href="http://mu-sofia.bg/index.php">http://mu-sofia.bg/index.php</a>
FRANCE	Universite Claude Bernard University Louis Pasteur Universite de Rennes	<a href="http://www.univ-lyon1.fr">www.univ-lyon1.fr</a> <a href="http://www-ulp.u-strasbg.fr">www-ulp.u-strasbg.fr</a> <a href="http://www.univ-rennes1.fr">www.univ-rennes1.fr</a>
GERMANY	Uviversitaet zu Koeln Heinrich-Heine-Universitaet Duesseldorf Justus-Liebig-Universitaet Giessen Bonn Universitat Charite Universitaet Berlin Universitaet Freiburg Universitat Rostock Eberhard-Karls-Universitat Tubingen	<a href="http://www.uni-koeln.de">www.uni-koeln.de</a> <a href="http://www.uni-duesseldorf.de">www.uni-duesseldorf.de</a> <a href="http://www.uni-giessen.de">www.uni-giessen.de</a> <a href="http://www.uni-bonn.de">www.uni-bonn.de</a> <a href="http://www.charite.de">www.charite.de</a> <a href="http://www.uni-freiburg.de">www.uni-freiburg.de</a> <a href="http://www.uni-rostock.de">www.uni-rostock.de</a> <a href="http://www.uni-tuebingen.de">www.uni-tuebingen.de</a>
ITALY	Univ. degli Studi di Bari Univ. degli Studi di Gagliari  Univ. degli Studi di Roma Univ. degli Studi di Siena Univ. degli Studi di Parma Univ. degli Studi di Palermo	<a href="http://www.uniba.it">www.uniba.it</a> <a href="http://www.unica.it">www.unica.it</a>  <a href="http://www.uniroma1.it">www.uniroma1.it</a> <a href="http://www.unisi.it">www.unisi.it</a> <a href="http://www.unipr.it">www.unipr.it</a> <a href="http://www.unipa.it">www.unipa.it</a>



ΧΩΡΑ	Ίδρυμα	Ιστοσελίδα
ITALY	Univ. degli di Firenze Univ. degli Studi di Napoli Federico II	www.unifi.it www.unina.it
SPAIN	Universidad de Murcia	www.rsu.lv
LATVIA	Rigas Stradina Universitate	www.um.es
NORWAY	University of Tromso	www.uit.no
HOLLAND	Universiteit Leiden Wageningen University Radboud Universiteit	www.leidenuniv.nl www.wageningenuniversity.nl www.ru.nl
POLAND	Akademia Medyczna we Wroclawiu UNIWERSYTET MIKOLAVA KOPERNIKA	www.am.wroc.pl www.umk.pl
PORTUGAL	University of Lisboa University of Porto	www.fm.ul.pt www.med.up.pt
ROMANIA	UNIV. DE MEDICINA SI FARMACIE « HULIU HATIEGANU »	www.umfcluj.ro/
SLOVENIA	University of Ljubljana	www.uni-lj.si/en
SWEDEN	Karolinska Institutet LINKOPING UNIVERSITET	www.ki.se www.liu.see
TURKEY	Akdeniz University ACIBADEM UNIVERSITY Cumhuriyet University Kocaeli University Hacettepe University Pamukkale Universitesi Trakya University Instabul University Ege University	www.akdeniz.edu.tr www.acibadem.edu.tr www.cumhuriyet.edu.tr www.kou.edu.tr www.hacettepe.edu.tr www.pam.edu.tr www.trakya.edu.tr www.istanbul.edu.tr www.ege.edu.tr
CZECH REPUBLIC	Charles University Prague	www.cuni.cz

## ADMISSION PROCEDURES

As regulated by the Ministry of Education:

By sitting the Panhellenic Entrance Exams or the Entrance Exams for Greeks living abroad and Cypriots

An extra 5% is allotted without sitting exams to foreign students and persons with disabilities  
By sitting Placement Examinations

**Note:** In accordance with the current regulations, accreditation for courses carried over from previous studies is feasible upon positive recommendation by the teaching staff and subsequent approval by the Undergraduate Studies Committee validated by a decision of the General Assembly of the Faculty.

## Faculty Aims Educational and research goals

The Faculty of Medicine was established by the Presidential Decree 65/76 with its organizational chart presented in PD 61/83. The initial National Gazette announced the founding of a Medical Faculty at the University of Crete leading to a Medical Degree after six years of study. Albeit the main goal as described above was set to deliver to undergraduate students the preclinical education and clinical training required for the practice of the Medical profession and the acquisition of a Medical Degree conferred by the University of Crete, the scientific community of the Faculty broadened this initial goal with the intent to create the setting for the development of a modern Medical School of international standing. Thus, the following aims were incorporated:

- To deliver undergraduate medical education of high calibre leading to medical school graduates possessing thorough theoretical knowledge and

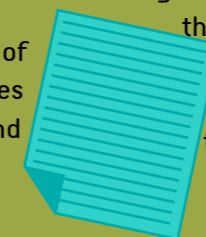
clinical training, exhibiting a keen interest in research, staying up to date with scientific advances while at the same time adhering to the ideals and timeless values of the medical profession.

- To create the setting for high quality training of postgraduate students through Programs of Postgraduate Studies offered by the Faculty aiming at a generation of highly qualified scientists with the prospect of becoming the future leaders in Medical Academia and Biomedical Sciences.

- To contribute to the advancement of science and society through innovative intellectual achievements by securing the setting, the infra-structure and the incentives that are conducive to clinical, translational and original basic research of high quality.

- To upgrade the health care services offered to the public and to conduct pioneering research with the intent to prevent, diagnose and cure diseases through the establishment and operation of University Clinics and Special Units at the University Hospital of Heraklion (PAGNI). Within this framework, the Faculty also contributes to the continuing medical training program offered to regional doctors and doctors from other parts of Greece. Moreover, the training of resident doctors at PAGNI as well as the continuing education of all medical scientists on Crete and other regions aims at the constant upgrading of human resources in the medical field.

- To liaise with society and to contribute to the raising of social awareness and solidarity among the citizens by encouraging participation in associations seeking the optimization of medical services as well as the support of medical education and





research.

- To provide the setting for encouraging co-operation and interaction among scientists (both within the Faculty and with colleagues from other departments of our university and FORTH working in various fields) as well as with researchers and research centres elsewhere in Greece or abroad

### Professional goals

- To provide medical graduates with the clinical skills and knowledge that will make them eligible to practise Medicine anywhere in the world.
- To sensitize medical graduates to current research issues in the fields of Medicine and Biology in order to make them eligible for post-graduate studies enabling them to pursue careers in research.

### Accessibility to further education

- Eligibility for registering in post-graduate programs leading to the acquisition of a master's degree
- Eligibility to work on a doctoral dissertation

## Undergraduate Program of Study and Faculty Regulations

### A brief presentation of the program of study

#### Central axes/orientation of studies

The program of study covers 12 semesters including the following:

Compulsory courses	51
Clinical clerkships	10
Foreign language	4
Elective courses	47

#### ECTS accreditation through Erasmus

Courses and clinical clerkships attended within the framework of the Erasmus Program are duly recognized by the Faculty and accredited in accordance with the ECTS criteria set by the Faculty.

#### Examination Periods and Exams

February Exams for the Winter semester, June Exams for the Spring semester, September Exams for both semesters

#### Examination Resit

Limitless resit of examinations is allowed

#### Grading and requirements for the acquisition of a degree in Medicine

Students must have passed all compulsory courses, completed all clinical clerkships, fulfilled the foreign language requirements and accumulated at least 12 credits from elective courses.

#### Distribution of courses / Model curriculum (mention of prerequisites if applicable)

To start on the Clinical Clerkships one must meet general and specific prerequisites. For the cur-



rent academic year (2013-14) only the latter must be met. More specifically:

#### Group A

Clinical Clerkship in Internal Medicine 2 out of 3 prerequisite courses Internal Medicine (A,B,C)

#### Group B

Clinical Clerkship in Surgery 2 out of 4 prerequisite courses (Surgery A,C, Orthopaedics, Urology)

#### Group C

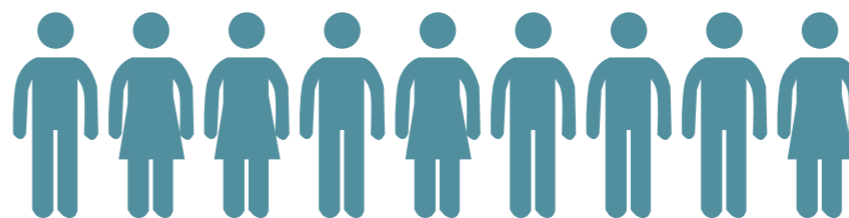
Clinical Clerkship in Paediatrics / Gynaecology / Obstetrics 2 out of 2 Paediatrics courses (Paediatrics and Gynaecology/Obstetrics) Emergency Medicine

#### Group D

Clinical Clerkship in Various Clinics 5 out of 7 courses (Neurology, Psychiatry, ENT, Ophthalmology, Epidemiology/Public Health, Neuroanatomy, Nutrition)

#### List of undergraduate courses (short description)

[Reference to number of teaching hours, credits and ECTS per course]



## COURSES, TEACHING HOURS (T.H.) & CREDITS (CR)

### FIRST SEMESTER

Compulsory Courses		T.H.	CR	E.C.T.S.
1. (code no. 1.1)	Medical Physics	60	4	4
2. (code no. 1.2)	Chemistry	45	3	3
3. (code no. 1.3)	Biology A	60	4	5
4. (code no. 1.4)	Society and Health	75	5	5
5. (code no. 2.5)	Anatomy of the Myoskeletal System	90	6	10
6. (code no. 1.7)	Medical English A	30	2	2
<b>Total</b>		<b>360</b>		<b>29</b>

### Electives

7. (code no. 1.8)	Doctor-Patient Relationship	30	2	2
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### SECOND SEMESTER

Compulsory Courses		T.H.	CR	E.C.T.S.
8. (code no. 2.10)	Biostatistics	60	4	3
9. (code no. 2.2)	Biology B	60	4	5
10. (code no. 2.3)	Biochemistry A	60	4	5
11. (code no. 2.4)	Physiology A	60	4	7
12. (code no. 4.3)	Neuroanatomy	75	5	7
13. (code no. 2.6)	Medical English B	30	2	2
<b>Total</b>		<b>345</b>		<b>29</b>

### Electives

14. (code no. 2.9)	Sympathy in clinical care	15	1	2
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### THIRD SEMESTER

Compulsory Courses		T.H.	CR	E.C.T.S.
15. (code no. 3.1)	Biochemistry B	60	4	5
16. (code no. 3.9)	Topographical Anatomy A	60	4	6
17. (code no. 3.3)	Physiology B	60	4	5
18. (code no. 3.4)	Basic Immunology	30	2	2
19. (code no. 3.7)	History of Medicine	15	1	2
20. (code no. 3.10)	General Anatomy (Histology) A-Embryology A	60	4	5
21. (code no. 5.6)	Nutrition	15	1	2

22. (code no. 3.8)	Medical English C	30	2	2
<b>Total</b>		<b>330</b>		<b>29</b>

### FOURTH SEMESTER

Compulsory Courses		T.H.	CR	E.C.T.S.
23. (code no. 4.1)	Physiology C	60	4	5
24. (code no. 4.2)	Pathophysiology A	75	5	5
25. (code no. 4.12)	Topographical Anatomy B	60	4	7
26. (code no. 4.11)	General Anatomy (Histology)B – Embryology B	60	4	5
27. (code no. 4.5)	Microbiology A	60	4	5
28. (code no. 4.6)	Medical English D	30	2	2
<b>Total</b>		<b>345</b>		<b>29</b>

### Electives

29. (code no. 4.15)	Introduction to Evidence-Based Medicine and Clinical Decision Analysis	15	1	2
30. (code no. 4.16)	History of Surgery	15	1	2

### FIFTH SEMESTER

Compulsory Courses		T.H.	CR	E.C.T.S.
31. (code no. 5.2)	Laboratory Medicine & Immunology	75	5	5
32. (code no. 5.3)	Microbiology B	60	4	5
33. (code no. 4.4)	Pharmacology A	60	4	4
34. (code no. 5.5)	General Pathology	75	5	6
35. (code no. 5.7)	Emergency Medicine	30	2	2
36. (code no. 5.8)	Μοριακή Ιατρική	30	2	2
37. (code no. 5.1)	Pathophysiology B	45	3	5
<b>Total</b>		<b>375</b>		<b>29</b>

### Electives

38. (code no. 5.9)	Basic Principles of Oncogenic Process	15	1	2
39. (code no. 5.11)	Molecular Basis of the develop.& dysfu- nction of the nervous system	15	1	2
40. (code no. 5.12)	Basic Principles of Programming	15	1	2



### SIXTH SEMESTER

Compulsory Courses		T.H.	CR	E.C.T.S.
41. (code no. 6.1)	Systemic Pathology	135	9	6
42. (code no. 6.2)	Internal Medicine A	75	5	9
43. (code no. 6.3)	Surgery A	105	7	6
44. (code no. 6.5)	Toxicology	30	2	2
45. (code no. 5.4)	Pharmacology B	45	3	4
46. (code no. 6.4)	Epidemiology / Public Health	30	2	2
<b>Total</b>		<b>420</b>		<b>29</b>

#### Electives

47. (code no. 6.6)	Physiology and Pathophysiology of Haemopoiesis	15	1	2
48. (code no. 6.8)	Basic Principles of Electrocardiography	30	2	2
49. (code no. 6.10)	Cytology	15	1	2
50. (code no. BI06.11)	Introduction to Bioinformatics	30	2	2
51. (code no. 6.11)	Cellular communication and Human Diseases	15	1	2

### SEVENTH SEMESTER

Compulsory Courses		T.H.	CR	E.C.T.S.
52. (code no. 7.1)	Internal Medicine B	90	6	10
53. (code no. 7.17)	Orthopaedics	45	3	2
54. (code no. 7.18)	Urology	40	2.7	2
55. (code no. 8.4)	ENT	30	2	2
56. (code no. 7.4)	Radiology – Medical Imaging A	30	2	3
57. (code no. 7.5)	Neurology	60	4	4
558. (code no. 7.6)	Psychiatry	60	4	2
59. (code no. 7.7)	Forensic Medicine and Medical Ethics	30	2	2
60. (code no. 7.8)	Ophthalmology	30	2	2
<b>Total</b>		<b>405</b>		<b>29</b>

#### Electives

61. (code no. 7.16)	Basic Research in Medicine	15	1	2
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### EIGHTH SEMESTER

Compulsory Courses		T.H.	CR	E.C.T.S.
62. (code no. 8.1)	Internal Medicine C	90	6	10
63. (code no. 8.2)	Surgery C	60	4	5
64. (code no. 7.3)	Intensive Care Medicine	15	1	2
65. (code no. 8.5)	Obstetrics/Gynaecology	75	5	3
66. (code no.. 8.6)	Paediatrics	75	5	5
67. (code no. 8.7)	Radiology – Medical Imaging B	45	3	2
68. (code no. XE8.16)	Anaesthesiology	30	2	2
<b>Total</b>		<b>390</b>		<b>29</b>

#### Electives

69. (code no. 8.11)	Andrology	15	1	2
70. (code no. 8.12)	Haemodynamic Pathophysiology of Vascular Diseases and principles of non-invasive vascular diagnostics	15	1	2
71. (code no. 8.13)	Neonatal Surgery	15	1	2
72. (code no. 8.14)	Sexually Transmitted Diseases	15	1	2
73. (code no. 8.15)	Molecular approach of systemic infections	30	2	2
74. (code no. 8.16)	Neurosurgery	30	2	2
75. (code no. 8.18)	Oral and maxillofacial surgery	15	1	2

### Clinical Clerkships SEMESTERS 9, 10, 11 & 12

WEEKS	T.H.	CR	E.C.T.S.
<b>Group A</b>			
76. Internal Medicine	16	640	40
<b>Group B</b>			
77. Surgery	16	640	40
<b>Group B</b>			
78. Paediatrics	9	360	22
79. Obstetrics/Gynaecology	4	160	10
80. Clinical Clerkship in Emergency Medicine	3	120	8

WEEKS		T.H.	CR	E.C.T.S.
<b>Group D</b>				
81. Neurology	4	160	10	7
82. Psychiatry	4	160	10	7
83. Primary Health Care	4	160	10	8
84. ENT	2	80	5	3
85. Ophthalmology	2	80	5	9
86. Elective Clinical Clerkship during August	4	160	0	4
	68	2720		

### 9th SEMESTER

Electives				
87. (code no. 9.10)	Pathophysiology of gastrointestinal tract mobility	15	1	2
88. (code no. 9.2)	Biomedical Ethics	15	1	2
89. (code no. 9.12)	Neuropaediatrics	15	1	2
90. (code no. 9.14)	Gynaecologic endocrinology - IV Fertilization	15	1	2
91. (code no. 9.15)	Acute and Chronic Pain	15	1	2
92. (code no. 9.7)	Musculoskeletal trauma	15	1	2
93. (code no. 9.16)	e-lab in Paediatric Cardiology	15	1	2
94. (code no. 9.17)	Pulmonary, Allergic and Immunological Diseases in Childhood	15	1	2
95. (code no. 9.18)	Clinical, Laboratory and Pathological Approach to Malignant Neoplasms	30	2	2
96. (code no. 9.19)	Radiobiology - Radioprotection	15	1	2
97. (code no. 9.20)	Chemotherapy of Infectious Diseases	15	1	2

### 10th SEMESTER

WEEKS		T.H.	CR	E.C.T.S.
98. (code no. 10.1)	Tropical and Geographic Medicine	30	2	2
99. (code no. 10.3)	Paediatric Haematology - Oncology	15	1	2
100. (code no. 10.4)	Lasers in Medicine	15	1	2
101.(code no. 10.6)	Clinical Neurophysiology for higher thinking evaluation	15	1	2

102.(code no. 10.7)	Paediatric Neonatology	15	1	2
103.(code no. 10.8)	Family Planning	15	1	2
104.(code no. XE10.8)	Applications of Informatics in Medicine	15	1	2
105.(code no. 10.9)	Diseases of the Spinal Column	15	1	2
106.(code no.10.10)	Emergency Paediatr. and Intensive Care	15	1	2
107.(code no.10.11)	Invasive Radiology	15	1	2
108.(code no.10.12)	Imaging of Sports Injuries	15	1	2
109.(code no.10.13)	Clinical and Lab investigation of common clinical problems	15	1	2
110.(code no.10.14)	Clinical Alcoholology	15	1	2

### 11th SEMESTER

WEEKS		T.H.	CR	E.C.T.S.
111. (code no. 11.1)	Metabolic Surgical Diseases-Obesity	15	1	2
112. (code no. 11.2)	Clinical Hepatology	15	1	2
113. (code no. 11.4)	Therapeutic Strategy of Neoplastic Diseases	15	1	2
114. (code no. 11.5)	Advanced Medical English	30	2	2
115. (code no. 11.6)	Paediatric Infectious Diseases	15	1	2
116. (code no. 11.7)	Cardiothoracic Surgery	15	1	2
117.(code no. B111.8)	Paediatric Pharmacology	15	1	2

### 12th SEMESTER

118. (code no. 12.1)	Specialized Life Support	15	1	2
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**Financial support of undergraduate students**  
**Scholarships/awards for undergraduate students (Department/Faculty/Institution)**

Scholarships and awards granted by the Greek State Scholarships Foundation (IKY) to the top students of each year of studies, scholarships awarded yearly by Glaxo to the top medical graduates

National funding and other funds

**Information**

**Undergraduate Studies Secretariat:**

E. Tzoraki [rtzoraki@med.uoc.gr](mailto:rtzoraki@med.uoc.gr),

Ch. Minadaki [sminadaki@med.uoc.gr](mailto:sminadaki@med.uoc.gr)

(a) contact persons for Post-graduate studies (to be announced)

(b) <http://www.med.uoc.gr>, [http://www.med.uoc.gr/arxeia/odigos\\_spoudon.pdf](http://www.med.uoc.gr/arxeia/odigos_spoudon.pdf)

