ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΠΑΝΕΠΙΣΤΗΜΙΟΚΡΗΤΗΣ
ΙΑΤΡΙΚΗ ΣΧΟΛΗ

HELLENIC REPUBLIC
UNIVERSITY OF CRETE
MEDICAL SCHOOL

Ηράκλειο 700 13, Κρήτη

700 13 Heraklion Crete, Greece

ΔΙΠΛΩΜΑΤΙΚΟ ΠΡΟΓΡΑΜΜΑ ΜΕΤΑΠΤΥΧΙΑΚΩΝ ΣΠΟΥΔΩΝ «ΒΙΟΪΑΤΡΙΚΗ ΜΗΧΑΝΙΚΗ»

MSc POSTGRADUATE PROGRAM IN "BIOMEDICAL ENGINEERING"

Call for Applications

ACADEMIC YEAR 2024-2025

The School of Medicine, the Department of Computer Science, the Department of Materials Science and Technology of **the University of Crete**, the School of Electrical and Computer Engineering of **the Technical University of Crete**, and **the Foundation for Research and Technology-Hellas (FORTH)** jointly organize the Postgraduate Program in "Biomedical Engineering" in the framework of the Law 4957/2022 (Government Gazette 141 τ.Α'), which leads to a MSc Diploma in "Biomedical Engineering".
The Program leads to a Master's Degree in **Biomedical Engineering** after 15 months of attendance (90 ECTS)**.**
For students who wish to further prepare a research diploma thesis for specialization in one of the following thematic units:

1. *Biofabrication, Molecular Diagnostics and Therapy*
2. *Biomedical Imaging*
3. *Medical Information Systems*

the minimum duration of study is extended to 24 months (120 ECTS).

The official language of the program is English.

The objective of our MSc program in Biomedical Engineering is to provide advanced education, required qualifications and skills to its graduates to meet the ever-increasing demand for high level specialization in the field of biomedical engineering. Graduates of our MSc program in BME may be employed in hospitals, medical equipment/instrumentation industry, pharmaceutical industry, government agencies or follow academic careers towards pursuing a PhD degree.
Attending the lectures and workshops requires physical presence, subject to possible emergency situations in which the program will be adjusted based on the decisions of the State. The lectures, seminars, laboratory exercises, exams, etc. will take place in afternoon hours at the University of Crete campus facilities in Heraklion (School of Medicine, Department of Computer Science, Department of Materials Science and Technology), or at the nearby facilities of the Foundation for Research and Technology-Hellas (FORTH).

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Eligible candidates should hold a university degree in:
• Sciences, or
• Engineering, or
• Health Sciences
The undergraduate study curricula of eligible candidates shall be sufficiently compatible with the curriculum of the BME in the sense that prior studies have offered a solid background, ensuring successful educational outcomes.
Candidates not yet graduated during the admissions' period are also eligible applicants, provided that they reasonably expect to have their first degree awarded until October. The number of entrants is set at a maximum of forty **(40)** students per year. The program will accept students from both the European Economic Area (EEA) and the non-EEA countries.

Attending classes
In the first five (5) academic trimesters, students should attend 20 compulsory courses (60 ECTS), seminars and assignments (15 ECTS), as well as prepare a first level (application thesis, AT) Master's Thesis BME-AT (15 ECTS). This study cycle leads to obtaining a Postgraduate MSc Diploma of 90 ECTS (study duration 15 months).
After application and a positive assessment by the Study Program Committee, students who have completed the 90 ECTS study cycle can prepare a second Master's Thesis of research level and specialization (BME_RST) weighing 30 ECTS and receive a Master's Degree with 120 ECTS (study duration 24 months). The second Master's Thesis may be a continuation of the first or on a different subject.

Tuition fees
There are two tuition fee categories

- For students coming from countries members of the European Economic Area (EEA), the program's total tuition fees are 1500 Euro.
- For students coming from outside the European Economic Area (EEA), the program's total tuition fees are 3000 Euro.

Indicative payment of tuition fees:

Members of the European Economic Area	**Fees**	**Payment Period**
1st Installment – Register for the Program	750 €	1st academic trimester
2nd Installment	750 €	3rd academic trimester
Non-European Economic Area	**Fees**	**Payment Period**
1st Installment – Register for the Program	1500 €	1st academic trimester
2nd Installment	1500 €	3rd academic trimester

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Application Procedure

All applications shall be submitted electronically via the https://postgrad.cict.uoc.gr website in which the applicants must create a user account, process their application, upload their supporting documents and submit before the deadline **(May 26, 2024)**.
Applicants are invited to first create a user account at: https://postgrad.cict.uoc.gr and then upload the following certificates or files:

1. Certified copy of the BSc or MD degree
   According to the Greek law 4957/2022, holders of academic degrees awarded by foreign Higher Education Institutions do not have to apply to DOATAP for the recognition of their degree, as a prerequisite to continue their studies at a higher level in a Greek Higher Education Institution (MSc; PhD).
   For continuing your studies in Greece, you apply directly to the University and program you are interested in, according to its admission requirements.
   The University is responsible for the academic assessment of your degree(s). For this purpose, the University examines whether the institution that awarded your title belongs to the National Registry of Foreign Recognized Higher Education Institutes and whether the title type belongs to the National Registry of Foreign Recognized Academic Title Types of recognized foreign institutions posted on the DOATAP website (https://www.doatap.gr/home_english/). If either the awarding foreign Higher Education Institution or the title type of your degree are not included in the above mentioned Registries, the Greek University will contact DOATAP in order to examine them. **Only degrees over 180 ECTS are recognized**.
   The MSc degree will not be awarded to a student whose degree from a foreign institution has not been recognized from the National Academic Recognition Information Center (DOATAP).
2. Proof of competence and fluency in the English language of level C2 (according to the Council of Europe)
3. A CV (max 2 pages) of the candidate, written in English, with information about his/her studies, the academic/professional experience, the scientific activities, as well as a list of publications and scientific work (if available)
4. A motivation letter
   A motivation letter where the candidate explains the reasons and his/her motivation for applying to the Program. Indicatively:
   - why do you consider this MSc program the best study option for you?
   - which particular factor convinced you to pick that program to apply for (curriculum, reputation, faculty, employment opportunities, etc.)
   - how do your previous studies match the Master's you wish to pursue. If they don't match, you should argue why you wish to change subject areas

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- Which career do you seek after graduation and how does this degree fits your plan.

5. Certified (English) copies of your academic transcripts with details about the courses you studied at undergraduate level and the marks you received (all marks need to be normalized to the scale 0-10)

6. A scanned copy of your personal ID or passport.

7. Two recommendation letters.

The recommendation letters shall be submitted exclusively by their authors through the program's official application platform. The authors of the recommendation letters will automatically receive a relevant invitation after successful submission of the application by the applicant. The letter should clearly state the e-mail address of the affiliation of the recommendation letter author, and the status and complete contact details of the author.

7. Proof of professional and/or research activity (if available)

8. A recent passport type photograph (.png or .jpeg file format, maximum size 2 MB, 200px x 200px)

Please note for the scanned documents and files:

- Only pdf files should be uploaded
- Maximum size of each file = 2 MB
- Total maximum size = 20 MB

Entry requirements and criteria

1. A bachelor's or an integrated Master's degree in engineering or in natural or in life sciences or a Doctor of Medicine (M.D.) degree from an internationally recognized university.
2. Achieve a high score in the following criteria
   - Undergraduate degree grade: Max points 30
   - Time to graduation (10-2n), where n is the extended time to graduation: Max points 10
   - Interview: Max points 20
   - Diploma thesis related to the Biomedical Engineering program: Max points 15
   - Research activity e.g. publications and/or participation to funded research projects: Max points 15
   - Recommendation letters: Max points 10

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Important deadlines:

Submission deadline: The deadline for submitting the application and the supporting documents is **May 26, 2024.**

The **recommendation letters** should be submitted via the BME program platform by **May 31, 2024**.

Interviews: **June 17, 2024**

Deadline for submitting objections: 7 days from the date of announcement of the results.

July 1, 2024: Announcement of the Final List of successful applicants and any Runner-Up Students

September 2024 - Enrollment upon presentation of the following supporting documents:

- Registration form
- Copy of degree and transcript of records (applies only to those who did not present the relevant certificates during the applications) or certificate of completion of undergraduate studies, for those who have not received their degree
- Copy of ID card or passport
- Proof of payment of the first installment of tuition fees

If case of incomplete submissions by the deadline, registration will not be possible.

September 30, 2024: Start of Courses

Contact

Secretariat of BME, Mrs. Maria Panagou (email: postgradsecr@med.uoc.gr, tel.: +302810 394526) or Miss Angeliki Ntouli (email: biomedical@med.uoc.gr).

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