



ΔΙΔΡΥΜΑΤΙΚΟ ΠΡΟΓΡΑΜΜΑ ΜΕΤΑΠΤΥΧΙΑΚΩΝ ΣΠΟΥΔΩΝ
ΕΓΚΕΦΑΛΟΣ και ΝΟΥΣ
που οδηγεί σε Μεταπτυχιακό Δίπλωμα Ειδίκευσης
INTERDISCIPLINARY GRADUATE PROGRAMME in the
BRAIN and MIND sciences
leading to Master's degree



ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΡΗΤΗΣ
UNIVERSITY OF CRETE



FORTH

FOUNDATION FOR RESEARCH AND TECHNOLOGY - HELLAS

SCHOOL OF MEDICINE
DEPARTMENT OF COMPUTER SCIENCE
DEPARTMENT OF PHILOSOPHY
DEPARTMENT OF PHYSICS
DEPARTMENT OF PSYCHOLOGY

INSTITUTE OF COMPUTER SCIENCE
INSTITUTE OF APPLIED & COMPUTATIONAL
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<http://brain-mind.med.uoc.gr/>

Call for applicants for the Interdisciplinary Master's Program on "Brain and Mind" Sciences for the academic year 2024-2025.

The School of Medicine, the Departments of Computer Science, Philosophy, Physics and Psychology of the University of Crete as well as the Institutes of Computer Science, Computational & Applied Mathematics, and Molecular Biology & Biotechnology of the Foundation for Research & Technology - Hellas jointly organize and operate the **Interdisciplinary Program of Postgraduate Studies "Brain and Mind"** (B&M), which leads to **Master's degree in Brain and Mind Sciences**.

The program **aims** to provide global, comprehensive training in the interdisciplinary approach to fundamental scientific questions regarding the brain and the emergence of thought, consciousness, and behavior. More information about the program is available on the website <http://brain-mind.med.uoc.gr>.

Graduates of the B&M programme are expected to:

- have a strong understanding of the interdisciplinary nature of the Brain and Mind Sciences and have a solid background of knowledge spanning from neurons to neuronal networks, to circuits of brain regions and how these interact to give rise to thought and behavior;
- have theoretical and practical knowledge in a wide range of modern neuroscientific methods ranging from the investigation of cellular processes at the level of neurons to the recording and analysis of activity of neuronal populations from different areas of the brain in animal models, the imaging of human brain activity, the study and analysis of behavior, the modeling of brain function at different scales, the development of computational algorithms, tools and systems that simulate functions of the nervous system;
- have mathematical, statistical, and programming skills that enable them to measure, analyze and visualize data and results;
- are able to examine and evaluate the suitability of experimental approaches and select the most appropriate methods for a given problem as well as combine techniques judiciously to approach complex scientific questions;

- critically analyze scientific knowledge and use existing research as well as databases and tools to solve scientific problems;
- communicate their findings comprehensively and persuasively, either orally or in writing, discuss with experts and contribute to discussions on current/contemporary issues in the Brain and Mind sciences;
- have acquired general skills such as time and conflict management, dealing with stressful situations, as well as social skills.

The B&M programme **lasts for four (4) semesters**. It's important to note that **all courses are mandatory, and attendance is equivalent to full-time employment**. Instruction is provided in either Greek or English.

Graduates from all Departments of Higher Education Institutions in Greece or equivalent institutions abroad are welcome to apply. Final-year students expected to finish their studies before the B&M program courses commence in October 2024 are also eligible to apply. **There are no tuition fees for the program.**

The admission of students is restricted to a maximum of twenty-five (25) students.

Submission of the application and supporting documents

All application materials, including supporting documents, must be **submitted exclusively online** through the website <https://postgrad.cict.uoc.gr>. Candidates are required to create a user account on the platform, where they can edit their application, attach supporting documents, and submit it before the deadline. Interested individuals should select School of Medicine and the master's program BRAIN AND MIND on the website <https://postgrad.cict.uoc.gr/jMScApplication/masters> and **fill in the specified fields**, including:

1. Personal information and photo attachment
2. Academic and professional background (undergraduate and postgraduate studies, honors/scholarships, diplomas, theses, training/seminars, language skills, programming languages, certifications), additional information (including a 2000-character expression of interest for the B&M program and a list of publications/scientific papers (if applicable))
3. Two (2) names of individuals who will provide letters of recommendation (see below)

Additionally, applicants must attach scanned copies of the following certificates or files:

- a. Copies of undergraduate and postgraduate **degrees**
- b. Recognition of **degree equivalence certificate** by the National Academic Recognition Information Center (DOATAP) (*if exists, for holders of academic degrees awarded by foreign Higher Education Institutions*). If the certificate is unavailable, the University of Crete will conduct the academic assessment of your degree(s), provided they are listed in the National Register of Recognized Foreign Institutions and the National Register of Degree Types of Recognized Foreign Institutions, in accordance with the provisions of article 304 of Law 4957/2022.
- c. **Transcript of records** (list of courses, grades, and credits) and completion of studies certificate (if available)
- d. **Certificate of English language proficiency at least at the B2 level** (Common European Framework)
- e. **Any other relevant documents not covered in the default fields.**

Letters of recommendation must be submitted directly by their authors through the application platform. The individuals listed by the candidate will receive an invitation after the application is submitted. The application must include the institutional e-mail address, the title(s) and contact details of the listed individuals.

Alternatively, the author of the letter of recommendation may send it via email to postgradsecr@med.uoc.gr. Please include "Letter of Recommendation for the candidate Mr. (LAST NAME) of the "Brain and Mind" in the subject line. The reference letter must be sent from the author's institutional email address and should include the author's title and full contact details.

The deadline for submission of recommendation letters is June 4, 2024.

All **attached documents** must be in PDF format with a maximum size of 2MB per file and a total maximum size of 20MB. For the photo attachment, acceptable formats include .png and .jpeg files, with a maximum size of 2MB and dimensions of 200px x 200px. Candidates are advised to adhere to the guidelines provided on the submission platform regarding the size and type of files attached with the application.

The selection process will be conducted by a Selection Committee, which will assess candidates' qualifications through oral interviews. In case of a high volume of applications, candidates may undergo a pre-selection process before being invited for an interview.

Timetable:

Application deadline: June 2, 2024

Interview: July 1-14, 2024

Start of courses: October 2024

For more information, candidates can contact the Graduate Studies Programs Secretariat of the Medical School of the University of Crete, tel. 2810 394526 email: bmsecr@med.uoc.gr

The Director of the B&M programme

Professor Vassilis Raos

The Dean of the School of Medicine

Professor George Kochiadakis