



Athens International Master's Programme in Neurosciences

<http://masterneuroscience.biol.uoa.gr>



The Athens International Master's Programme in Neurosciences is co-operated by the

- Department of Biology of the National and Kapodistrian University of Athens
- Department of Nursing of the National and Kapodistrian University of Athens
- Department of Dentistry of the National and Kapodistrian University of Athens
- School of Medicine of the National and Kapodistrian University of Athens
- Biomedical Research Foundation of the Academy of Athens
- National Center for Scientific Research "Demokritos"
- Hellenic Pasteur Institute
- Biomedical Sciences Research Center "Alexander Fleming"
- National Research Foundation



Athens International Master's Programme in Neurosciences: The scope of the Programme

The purpose of the programme is to provide high quality postgraduate education at the Master of Sciences (M.Sc.) level in the scientific field of neuroscience.



The Programme of Studies - Courses



1st Semester Obligatory Courses

1 st Semester - Obligatory Courses	ECTs
Developmental Neuroscience	4
Gross and Microscopic Anatomy of the Nervous System	3,5
Cellular and Molecular Neuroscience	5,5
Technical Courses	5
Research Training Exercise/Lab Rotation I	12
Total ECTs of the 1 st semester	30



2nd Semester Selective Courses

2 nd Semester - Elective Courses	ECTs
Neurobiological Basis of Diseases of the Nervous System	6
Neuropsychopharmacology	6
Behavioural Neuroscience in Animals	6
Neuroimmunology	3
Neuroendocrinology	3
Neuroelectrophysiology	3
Computational Neuroscience	3
2 nd Semester - Obligatory Course	
Obligatory Research Training Exercise/Lab Rotation II	12



2nd Semester Courses

2 nd Semester - Elective Courses	ECTs
Neurobiological Basis of Diseases of the Nervous System	6
Neuropsychopharmacology	6
Behavioural Neuroscience in Animals	6
Neuroimmunology	3
Neuroendocrinology	3
Neuroelectrophysiology	3
Computational Neuroscience	3
2 nd Semester - Obligatory Course	
Obligatory Research Training Exercise/Lab Rotation II	12

The students should chose the courses so that to accumulate **30 ECTs**.

For example:

Neurobiological Basis of Diseases of the Nervous System **6** ECTs,
Neuropsychopharmacology **6** ECTs,
Neuroimmunology, **3** ECTs, and
Neuroendocrinology **3** ECTs plus **12** ECTs from the obligatory Lab Rotation II



2nd Semester Courses

2 nd Semester - Elective Courses	ECTs
Neurobiological Basis of Diseases of the Nervous System	6
Neuropsychopharmacology	6
Behavioural Neuroscience in Animals	6
Neuroimmunology	3
Neuroendocrinology	3
Neuroelectrophysiology	3
Computational Neuroscience	3
2 nd Semester - Obligatory Course	
Obligatory Research Training Exercise/Lab Rotation II	12

Students choose the elective compulsory courses at the beginning of each semester.

A course will be taught if it will be chosen by at least 5 students.



3rd & 4th Semester - Obligatory Course

3rd & 4th Semester - Obligatory Course	ECTs
Research Thesis Project	60
Total ECTs of the 3rd & 4th Semester	60



Research Training Exercise (Rotation)

The duration of both Research Training Exercises is 8 weeks and corresponds to 12 ECTs each.

The students have the obligation to make 2 paper presentations or 1 paper presentation and 1 presentation on the scientific projects performed in the lab that accepted them.



Research Thesis Project

This is an 11-month research project that corresponds to 60 ECTs. The students have to write an essay that will include:

1. Description of the research performed according to the instructions of the journal Neuron (Title, Abstract-Specific Aim, Introduction, Materials and Methods, Results, Discussion and Bibliography), and
2. A research proposal where they will describe how they will answer a specific scientific question. The proposal will include Title, Abstract-Specific Aim, Introduction, Experimental Design and Bibliography.



Attendance

The students should attend at least 80% of the course hours (teaching, laboratory exercises, seminars), otherwise, they are required to repeat the course.



Exams

Exams take place at the end of each course, in September or during the next cycle of studies.

Therefore, each student is given 3 chances to pass a course. Upon failure, the student is not allowed to continue.

On failure (0-4) or no-attendance at three or more classes during a semester or an examination period the student is deducted from the right to continue their studies in the Programme.



e-learning options

There are no e-learning options.



Tuition Fees

The Tuition Fees required to be paid by the full-time students of the Programme amount to 1000 Euros per semester for citizens of the European Union and 1500 Euro for citizens of other countries.

The Tuition Fees required to be paid by the part time students of the Programme amount to 500 Euros per semester during the first two years and 1000 Euros per semester during the third year.



Fellowships

Scholarships may be granted in a small number of post graduate students, if the finances of the Programme allow it.

The requirements for a fellowship are:

- the performance of the candidates in the courses,
- previous research experience,
- scientific papers written and published, and
- the financial situation of the student.



Fellowships

Students should also seek for fellowships to support their studies. It is suggested to ask at:

Bodossaki Foundation, <https://www.bodossaki.gr/>

Latsis Foundation, <http://www.latsis-foundation.org>

Leventis Foundation, <http://www.leventisfoundation.org>

Onassis Foundation, <http://www.onassis.org/>

Stavros Niarchos Foundation, <http://www.snf.org>



Fellowships

Each foreign student should also check whether there are Educational Agreements between their Country and Greece which include the provision for student fellowships.



Lecturers

The lecturers of the Programme are:

1. Professors of Greek and foreign University Departments,
2. Researchers of Greek and foreign Research Institutes,
3. Emeritus Professors



Facilities

For the proper functioning of the Programme, the following are available:

- (A) Classrooms and seminar rooms, auditoriums equipped with audiovisual equipment of the collaborating Departments and Research Centers,
- (B) Research laboratories of the members of the programme.



Lecture sites

At the City of Athens

Lectures take place in classrooms located at the different Departments and Research Centers that participate in the programme. All are located in the city of Athens.

