



**MASTER DEGREE PROGRAM IN
NEUROSCIENCE
MIN. CLASS LM-6 R - Biology
STUDY PLAN**

For students enrolled in a.y. 2025/26

Common Study Plan			
1st year (66 Credits)			
<i>Course</i>	<i>SC. DISC. SECTOR</i>	<i>TAF*</i>	<i>CREDITS</i>
Cellular and Molecular Neurobiology	BIO/06	B	9
Integrative Neurophysiology	BIO/09	B	6
Molecular Neurophysiology	BIO/09	B	9
Neuropathology	BIO/09	B	9
Neuropharmacology	BIO/14	B	6
Developmental Neurogenetics	BIO/18	B	6
Comparative Neuroanatomy	BIO/06	B	6
<i>Elective Courses in TAF D</i>		D	9
Applied Neurosciences	BIO/06	F	3
Scientific Communication	NN	F	3
2nd year (54 Credits)			
<i>Course</i>	<i>SC. DISC. SECTOR</i>	<i>TAF*</i>	<i>CREDITS</i>
Translational Behavioral and Cognitive Methods	M-PSI/02	C	6
<i>Path in Cognitive Neuroscience: Elective Courses in TAF C</i>		C	6
Cognitive Neuroscience (6 cfu)	M-PSI/02		
Clinical Neuroimaging (6 cfu)	FIS/07, MED/36, ING-IND/05		
<i>Path in Molecular Neuroscience: Elective Courses in TAF C</i>		C	6
Advanced Neurofunctional Techniques (6 cfu)	BIO/09		
Omics in Neuroscience (6 cfu)	BIO/09		
Internship		F	27
Final Examination		E	9
			54

***Type of Educational Activity (TAF)**

Elective Courses (TAF D)

The study plan may include elective courses (TAF D). These courses can be chosen from those listed annually on the website www.units.it, under the "Master's Degree in Neuroscience" section, then "Choice of Study Path," in addition to the options indicated in the academic regulations.



Course Classification

The courses are classified based on the Type of Educational Activity (TAF):

- A = basic educational activities
- B = core educational activities
- C = related and supplementary educational activities
- D = student's elective activities
- E = final examination
- F = other activities

All courses in the degree program (1st and 2nd year) will be taught in English.

Course Structure

The curriculum of the International Master's Degree in Neuroscience includes mandatory courses (attendance certification is handled by individual professors) and student-selected elective courses. Elective activities may include courses organized by the Master's Degree Program (curricular elective activities) and courses offered by other Study Programs of the University. If the student chooses one or more of the latter, the study plan must be approved by the Teaching Committee, which verifies the consistency between the contents of the elective courses proposed by the student and the educational objectives of the Master's Degree Program.

Assessment Methods

The mandatory and elective courses include assessment methods in English, either in written or oral form, or both. Courses structured in modules may also use intermediate tests.

The evaluation of the student's communication skills takes place during oral exams and, for some courses, through the presentation of scientific data and individually prepared reports on specific topics proposed by the instructor. Written communication skills are assessed not only through written exams but also through the preparation of reports on activities carried out as part of courses that include laboratory exercises or practical experiences.

Further assessment of the acquisition of communication skills, individual and group work abilities, and the capacity to analyze and apply theoretical and practical knowledge gained during the Master's program is conducted through the writing and defense, in English, of an experimental thesis, which is structured according to the standards of scientific literature in the biological field.