



**UNIVERSITÀ
DEGLI STUDI
DI TRIESTE**



Dipartimento di
Scienze della Vita

MASTER'S DEGREE IN

Neuroscience

**academic year
2026/2027**

Ministerial Class LM-6 R
Biology





STUDY PROGRAMME

2026/2027 cohort

Educational activities are divided into six types (*tipologia di attività formativa – TAF*):

- A – core subjects
- B – advanced concepts and skills
- C – complementary subjects
- D – elective subjects
- E – final examination and language proficiency
- F – other educational activities

COMMON CURRICULUM

1st YEAR (66 ECTS)

COURSE [CODE]	ECTS	DISC.	TYPE
Cellular and Molecular Neurobiology [974SV]	9	BIOS-04/A	B
Integrative Neurophysiology [973SV]	6	BIOS-06/A	B
Molecular Neurophysiology [972SV]	9	BIOS-06/A	B
Neuropathology	9		B
• Molecular Neuropathology [970SV-1]	(6)	BIOS-06/A	B
• Clinical Neuropathology [970SV-2]	(3)	MEDS-02/A	B
Neuropharmacology [908SV]	6	BIOS-11/A	B
Developmental Neurogenetics [971SV]	6	BIOS-14/A	B
Comparative Neuroanatomy	6		
• Microscopy [909SV-1]	(3)	BIOS-04/A	B
• Human Neuroanatomy [909SV-2]	(3)	BIOS-12/A	B
Elective Courses of type D	9		D
Applied Neurosciences [918SV]	3	BIOS-04/A	F
Scientific Communication [917SV]	3	NN	F

2nd YEAR (54 ECTS)

COURSE [CODE]	ECTS	DISC.	TYPE
Translational Behavioral and Cognitive Methods [910SV]	6	PSIC-01/B	C
Educational Path in Cognitive Neuroscience:	6		C
Elective Courses of type C			
• Cognitive Neuroscience [968SV]		PSIC-01/B	
• Clinical Neuroimaging [916SV]		PHYS-06/A, MEDS-22/A, IBIO-01/A	
Educational Path in Molecular Neuroscience:	6		C
Elective Courses of type C			
• Advanced Neurofunctional Techniques [915SV]		BIOS-06/A	
• Omics in Neuroscience [911SV]		BIOS-06/A	
Internship [966SV]	27		F
Final Examination	9		E

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

COURSE STRUCTURE

The international master's degree programme in Neuroscience includes mandatory courses and elective courses. Attendance of mandatory courses is taken by the relevant teachers. Elective courses may be offered within the degree programme (curricular elective subjects) or within other UniTS degree programmes. Elective courses chosen from other degree programmes must be approved by the Education Committee, which verifies the consistency of the elective courses proposed by the student with the educational objectives of the degree programme.

ASSESSMENT OF LEARNING OUTCOMES

Learning outcomes of both mandatory and elective courses will be assessed in English through written tests and/or interviews. Courses composed of modules may also include midterm examinations.

Students' communication skills are evaluated through interviews and, in some courses, through oral presentations and individual reports on specific topics proposed by the teacher. Written communication skills are assessed through written exams and activities carried out during courses, e.g. laboratory exercises or practical experiences.

Communication skills, individual and team work abilities, and the capacity to analyse and apply theoretical and practical knowledge gained during the degree programme is further assessed by writing and defending an experimental thesis in English according to the standards of scientific literature in the biological field.

ELECTIVE COURSES (TYPE D)

Study programmes include elective courses (type D). You can choose them from the list of approved courses which is published annually on the degree programme webpage, under the [study programme description](#).



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**PROSPECTIVE STUDENT SUPPORT
AND PUBLIC INFORMATION OFFICES**

Piazzale Europa 1, 34127 – Trieste (Italy)
Main Building (Building A), right wing, ground floor
Tel: + 39 040 347 3787
orientamento@units.it

COMPETENT OFFICES

For further info on the degree programmes

[Contact us](#)



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