UNIVERSITÀ DI PAVIA

DEPARTMENT OF BIOLOGY AND BIOTECHNOLOGY

Master's Degree Course in
NEUROBIOLOGY (CLASSE LM 6)

STUDY PLAN FOR STUDENTS ENROLLED IN 2ND YEAR - DM270/'04
ACADEMIC YEAR 2026/2027

to fill in online when enrollment is complete between…….and…….

The undersigned

Matr. n…….

Surname .....…….…… Name……..

Born in……Country ……..…… on ……..…….

Resident in ……. Country ……...…….ZIP ……...…….

Address ……N……..…… . Tel. ……..……...……..

Students who intend to make choices that deviate from the study plan model that follows will present an individual study plan (for which a tax stamp of €16.00, generated by the offices, will be issued).

APPROVED BY THE TEACHING COMMITTEE ON ……

WE DECLARE THAT THE INDIVIDUAL PLAN IS COMPLIANT WITH THE TEACHING REGULATIONS OF THE COURSE OF STUDY IN RELATION TO THE ENROLLMENT ACADEMIC YEAR OF THE STUDENT (SCHEDA RAD).

SIGNATURE OF THE PRESIDENT OF THE TEACHING COMMITTEE ……

PLEASE NOTE: for students who request recognition of sport activities certified by the competent authorities (max 12 credits), the inclusion of the teaching activity 507236 RECOGNITION OF CFU FOR SPORTS MERITS is expected. The teaching activity will be included in the study plan by the U.O.C. Student Careers after validation by the teaching committee.

I YEAR 2025/2026 (51 CFU)

Course	Parts	CFU	Scientific area	TAF/Field	Type of teaching activity
510332 Comparative Neurodevelopment and Neural Stem Cells		6	BIO/06	Distinctive Disciplines of biodiversity and environment sector	mandatory
510333 Membrane Biophysics and electrophysiology		9	BIO/09	Distinctive Disciplines of the biomedical sector	mandatory
510334 Human Neuroanatomy		6	BIO/16	Distinctive Disciplines of the biomedical sector	mandatory
510335 Cellular Neurobiology and Advanced Methods in Neuroscience	510339 Advanced methods in neuroscience	6	BIO/18	Distinctive Disciplines of the biomolecular sector	mandatory
	510338 Cellular neurobiology	3	BIO/06	Related/supplementary Related or supplementary training activities	mandatory
510336 Cellular and Advanced Systemic Neurophysiology		9	BIO/09	Distinctive Disciplines of the biomedical sector	mandatory
510337 Neurochemistry, Neuropharmacology and Neurogenetics		9	BIO/14	Distinctive Disciplines of the biomedical sector	mandatory
One of the following activities:					
504725 Other activities		3	NN	Other/Other skills	optional
509536 Italian Language for Foreign Students (mandatory only for foreign student who don't know Italian language)		3	NN	Other Additional language knowledge	mandatory only for foreign student who don't know Italian language

II YEAR 2026/2027 (69 CFU)

Course	Parts	CFU	Scientific area	TAF/Field	Type of teaching activity
510340 Computational neuroscience		6	BIO/09	Distinctive Disciplines of the biomedical sector	mandatory
510342 Neuroimmunology and molecular neurobiology		9	BIO/06	Distinctive Disciplines of biodiversity and environment sector	mandatory
510343 Neuropsycopharmacology		6	BIO/14	Distinctive Disciplines of the biomedical sector	mandatory
510344 Neural basis of behaviour and neuropsychology		6	M-PSI/02	Related/supplementary Related or supplementary training activities	mandatory
510341 Neurobiology of brain disorders		9	MED/26	Related/supplementary Related or supplementary training activities	mandatory
Free activities		9			
a) 9 laboratory credits* or b) one course (6 credits)** + 3 laboratory credits*** <u>or</u> c) one course (9 credits)****					optional
509535 Final exam		24	PROFIN_S	Language/Final exam For the final exam	

***Laboratories (9 CFU) suggested as free activities**

Laboratory activity	Parts	CFU	Scientific area	TAF/Field	Type of teaching activity
502318 Laboratory of Zoology		9	BIO/05	Optional Optional	optional
502319 Laboratory of Comparative Anatomy and Cytology		9	BIO/06	Optional Optional	optional
502322 Laboratory of Physiology		9	BIO/09	Optional Optional	optional
502323 Laboratory of Biochemistry		9	BIO/10	Optional Optional	optional
502324 Laboratory of Molecular Biology		9	BIO/11	Optional Optional	optional
502325 Laboratory of Pharmacology		9	BIO/14	Optional Optional	optional
502326 Laboratory of Genetics		9	BIO/18	Optional Optional	optional
502327 Laboratory of Microbiology		9	BIO/19	Optional Optional	optional
502328 Laboratory of General Pathology		9	MED/04	Optional Optional	optional
502329 Laboratory of Immunology		9	MED/04	Optional Optional	optional
509644 Laboratory of Bioinformatics		9	BIO/11	Optional Optional	optional

****Courses (6 CFU) suggested as free activities**

One course to be chosen among the following three or among the courses offered by the University of Pavia with the exception of numerus clausus courses in the medical and psychological field on a national level

Course	Parts	CFU	Scientific area	TAF/ Field	Type of teaching activity
502305 Advanced Microscopy		6	BIO/06	Optional Optional	optional
500190 Bioinformatics		6	ING-INF/06	Optional Optional	optional
510314 Radiation Biophysics and Radiobiology		6	MED/36	Optional Optional	optional

*****Laboratories (3 CFU) suggested as free activities**

Laboratory activity	Parts	CFU	Scientific area	TAF/Field	Type of teaching activity
510417 Laboratory of Zoology		3	BIO/05	Optional Optional	optional
510418 Laboratory of Comparative Anatomy and Cytology		3	BIO/06	Optional Optional	optional
510420 Laboratory of Physiology		3	BIO/09	Optional Optional	optional
510423 Laboratory of Biochemistry		3	BIO/10	Optional Optional	optional
510424 Laboratory of Molecular Biology		3	BIO/11	Optional Optional	optional

510425 Laboratory of Pharmacology		3	BIO/14	Optional Optional	optional
510426 Laboratory of Genetics		3	BIO/18	Optional Optional	optional
510427 Laboratory of Microbiology		3	BIO/19	Optional Optional	optional
510428 Laboratory of General Pathology		3	MED/04	Optional Optional	optional
510429 Laboratory of Immunology		3	MED/04	Optional Optional	optional
510430 Laboratory of Bioinformatics		3	BIO/11	Optional Optional	optional

******Courses (9 CFU) suggested as free activities**

The following course or courses to be chosen among those offered by the University of Pavia with the exception of numerus clausus courses in the medical and psychological field on a national level

Course	Parts	CFU	Scientific area	TAF/Field	Type of teaching activity
510324 Statistics and big data analysis		9	BIO/11	Optional Optional	optional

Course catalogue

ANY EXTRA EXAMS (MAX 24 CFU)

Teaching activity	CFU	Scientific area	TAF/Field	Year

Date…… Signature……