Notre offre de formation évolue ! Les programmes pour l'année 2027-2028 sont en cours de mise à jour et peuvent évoluer jusqu'au 28 novembre 2026. Les programmes de l'année universitaire 2026-2027 restent consultables en cas de besoin.

SCIENCES, TECHNOLOGIES, SANTÉ, INGÉNIERIE

Parcours Neurosciences, neurobiology 2e année

Master Biologie - Santé

Université Grenoble Alpes

Niveau d'étude visé
Bac +5

ECTS
60 crédits

Durée
1 an

Composante
UFR de Chimie et de biologie

Langue(s) d'enseignement
Anglais

Présentation

The objectives of the Neurosciences, neurobiology master program are to provide the students with a strong scientific background in the various aspects of Neurosciences, from the most integrated ones to the cellular aspects. The students will also become familiar with the various techniques used in this developing field in biology.

At the end of this 2nd year's master program, the students should be able to undertake a PhD program in the fields of neurobiology or neurosciences. The first year of the Neurobiology - neurosciences (NN) master program (Molecular and cellular biology program) is meant to complete the general scientific background of the enrolled students in various fields of biology (cell biology, genetics and biochemistry) (semester 7), introduce the students to their specific master 2nd year's program by offering them specialized courses (semester 8), introduce the students to a research project, from its conception to its experimental undertaking and up to the report of the obtained results by an oral presentation as well as a written report (module of 18 ECTS during the first semester of the 1st year's master ; internship of 2 months in a research laboratory or in a R&D laboratory from a private company), allow the students to develop their written and oral skills for the search of internships and/or jobs as well as for the presentation of research projects and experimental results (mandatory modules of 3 ECTS - Communication tools - and 18 ECTS during the semester 7, 2 months internship during the second semester).

Formation internationale : Formation tournée vers l'international

Admission

Conditions d'admission

Second year of the master's degree in Biology : to be eligible to apply, you should have completed (or you should be enrolled in) a first year of a master's degree in Sciences *i.e*. you should have validated 60 ETCS of a master's degree in sciences by the end of your current academic year.

Public continuing education : You are in charge of continuing education :

• if you resume your studies after 2 years of interruption of studies

• or if you followed training under the continuous training regime one of the previous 2 years

• or if you are an employee, job seeker, self-employed

Informations non contractuelles.
Dernière mise à jour le 30 juin 2026

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If you do not have the diploma required to integrate the training, you can undertake a validation of personal and professional achievements (VAPP).

Candidature

Master 2 Neurosciences, Neurobiology

- Opening period for recruitment : **from 2th of march to 27th of march 2026** with e-candidat
- Opening period for recruitment : **from 20th of april to 15th of may 2026** with e-candidat

You want to apply and sign up for a course master ? Please be aware that the procedure differs depending on the diploma you want to take, the diploma you have already obtained and, for foreign students, your place of residence. Let us be your guide – simply follow this link

Droits de scolarité

UGA registration fees 2025 / 2026 : 254 € + 105 € CVEC

Et après

Poursuite d'études

Graduating from a master degree in Neurobiology – neurosciences leads to a career as a research engineer in academic or private laboratories. For the students interested in a career as a research scientist in academic institutions or in private pharmaceutical industries : consecutively to a master degree in Neurobiology – neurosciences, the students may choose to continue with a PhD program depending from a French doctoral school or foreign universities and related to the aforementioned fields of biology. Consecutively to their PhD, the young researchers undertake one or two post-doctoral trainings of 2-3 years each, usually in foreign countries, in order to diversify their expertise. They can then apply to permanent positions as

- Full time researchers at the national French organizations of research (“CNRS”, “INSERM”, “INRA”, “IRD” etc)
- Project managers in R&D laboratories from private biotech companies
- Part time researchers, part time teachers in French or foreign universities

Secteur(s) d'activité(s)

At the end of the 2nd year's master Neuroscience, neurobiology graduate students can move towards careers as a study engineer in private or academic research.

Infos pratiques

Contacts

Responsable pédagogique

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Gestionnaire de scolarité

Scolarité Master Biologie

ufrchimiebiologie-master-biologie@univ-grenoble-alpes.fr

Lieu(x) ville

Grenoble

Campus

Grenoble - Domaine universitaire

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Programme

Master 2e année

Semestre 9

	Nature	CM	TD	TP	Crédits
UE Research project	UE	6h	30h		6 crédits
UE Neurophysiology	UE	24h	13,5h		6 crédits
UE Neurodegeneration and repair	UE	18h	22h		6 crédits
UE Synaptic Plasticity of the adult nervous system	UE	27h	9h		6 crédits
UE Cancer disease : experimental and therapeutical approaches	UE	30h	10h		6 crédits
UE High throughput Biology	UE	36h			6 crédits
UE Biostatistics, Bioinformatics, Modeling , Part II	UE	27h	12h		6 crédits
UE Epigenetics and cell differentiation	UE	20h	20h		6 crédits
UE Cardiovascular physiology and integrated metabolism	UE	15h	25h		6 crédits
UE Ageing and longevity	UE	29h	7h		6 crédits
UE Evolution & Development of Eukaryotes	UE	22,5h	18h		6 crédits

Semestre 10

	Nature	CM	TD	TP	Crédits
UE Business plan of your start-up (entrepreneurship and science)	UE	14h	10h		3 crédits
UE Anglais	UE		24h		3 crédits
UE ETC	UE				3 crédits

Informations non contractuelles.
Dernière mise à jour le 30 juin 2026