

SCIENCES, TECHNOLOGIES, SANTÉ, INGÉNIERIE

Parcours Microbiology, infectious diseases and immunology 2e année

Master Biologie



Niveau d'étude
visé
Bac +5



ECTS
60 crédits



Durée
1 an



Composante
UFR Chimie-
Biologie



Langue(s)
d'enseignement
Anglais

Présentation

The first year of the MIDI master program entitled Molecular and cellular biology is meant to complete the general scientific background of the enrolled students in various fields of Biology (cell biology, genetics and biochemistry) during the first semester. The second semester is devoted to introduce the students to their specific master 2nd year's program by offering them specialized courses. For MIDI, the students will have at their disposal one UE for Immunology, one for microbiology, and one for Infectious diseases.

During this first year, the students will 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 first semester of the master 1 program, 2 months internship during the second semester). The second year, first semester, of MIDI master program comprises 4 specific and integrated UEs that goes from microbiology to infectious diseases, to immunity against cancers and infectious diseases to end with pathology and immunology. During this second year, enrolled students will have the opportunity to further improve their written and oral presentation skills. The second semester is fully devoted to an internship.

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

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 Microbiology, Infectious Diseases and Immunology

- Opening period for recruitment : **from 3th of march to 28th of march 2025** with e-candidat
- Opening period for recruitment : **from 22th of april to 16th of may 2025** 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 2024 / 2025 : 250 € + 103 € CVEC

Et après

Poursuite d'études

The students graduating from the Immunology, microbiology and infectious diseases (IMID) master program should be able to undertake a PhD research project in the fields of immunology, microbiology and/or infectious diseases. 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.

Poursuite d'études à l'étranger

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)

Graduating from a master degree in Immunology – microbiology – infectious diseases leads to a career as a research engineer in academic or private laboratories.

Infos pratiques

Contacts

Gestionnaire de scolarité

Scolarité Master Biologie

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

Lieu(x) ville

📍 Grenoble

Campus

🏠 Grenoble - Domaine universitaire

Programme

Master 2e année

Semestre 9

	Nature	CM	TD	TP	Crédits
UE Research project	UE	6h	30h		6 crédits
UE Fundamental and Medical Microbiology	UE		30h		6 crédits
UE Infectious diseases (part II)	UE	19h	18h		6 crédits
UE Pathology and immunology	UE	27h	12h		6 crédits
UE Immunity against cancers and infectious diseases	UE	21h	15h		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

Semestre 10

	Nature	CM	TD	TP	Crédits
UE Business plan of your start-up (entrepreneurship and science)	UE	14h	10h		3 crédits
UE Laboratory internship IMID (part II)	UE				24 crédits
UE Anglais	UE		28h		3 crédits
UE ETC	UE				3 crédits