

Master Biologie

Parcours Immunology Microbiology Infectious Diseases (IMID)

Présentation

The first year of the IMID 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 2 program by offering them specialized courses. For IMID, 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 month internship during the second semester).

The second year, first semester, of IMID Master program comprises 4 specific and integrated UEs that goes from « Microbiology » to « Infectious Diseases », to « Immunology and Immunity against Cancers » 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.

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 \(VAPP\)](#).

Candidates from a foreign university : see more information [here](#)

2 application campaigns are organized for the master 2 mention Biology

- Campaign 1: Campaign opening on e-candidate: From 04 to 22 March 2019 included
- Campaign 2: Campaign opening on e-candidate: From April 29 to May 17, 2019 included

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.

Infos pratiques :

- > **Composante** : UFR Chimie-Biologie
- > **Durée** : 1 an
- > **Type de formation** : Formation initiale / continue
- > **Lieu** : Grenoble - Domaine universitaire
- > **Contacts** :

Responsable(s) pédagogique(s)

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Contact administratif

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Programme

Master 2e année

UE Laboratory internship IMID (part II) 24 ECTS

Semestre 9

UE Research project	6 ECTS	38h
3 élément(s) au choix parmi 4		
UE Fundamental and medical microbiology	6 ECTS	40h
UE Infectious diseases (part II)	6 ECTS	40h
UE Pathology and immunology	6 ECTS	37,5h
UE Immunity against cancers and infectious diseases	6 ECTS	37,5h
1 élément(s) au choix parmi 3		
UE Cancer disease : experimental and therapeutical approaches	6 ECTS	40h
UE High throughput in biology	6 ECTS	36h
UE Biostatistics, Bioinformatics, Modeling , Part II	6 ECTS	39h

Semestre 10

UE Communication in scientific english (part II)	3 ECTS	
UE Business plan of your start-up (entrepreneurship and science)	3 ECTS	24h