

## Master in Biology

# Microbiology, infectious diseases and immunology 2nd year

## Presentation

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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 2nd year's 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 semester 7 of the master 1st year's program, 2 months internship during the semester 8).

The second year, first semester 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 semester 10 is fully devoted to an internship..

## Registration and scholarships

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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 \(VAPP\)](#)

Do you want to apply and sign up for a course ? 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](#)

- 2 sessions to apply:
- From 1 to 21 March included
- From 25 April to 13 May included

## Further studies

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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.

## Practicals informations :

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- > Component : UFR Chimie-Biologie
- > level : Bacalaureate +5
- > Duration : 1 year
- > Course type : Initial and Continuing Education
- > Location(s) : Grenoble - University campus

## Contacts

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### Program director

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### Administrative contact

Chemistry-Biology Course Services  
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## Program

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Program under construction - awaiting CFVU vote

### Master 2nd year

#### Semester 9

<b>UE Research project</b>	6 ECTS
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2 option(s) to choose from 4

<b>UE Fundamental and Applied Microbiology</b>	6 ECTS
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<b>UE Infectious diseases (part II)</b>	6 ECTS
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<b>UE Pathology and immunology</b>	6 ECTS
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<b>UE Immunity against cancers and infectious diseases</b>	6 ECTS
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1 option(s) to choose from 3

<b>UE Cancer disease : experimental and therapeutical approaches</b>	6 ECTS
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<b>UE High throughput Biology</b>	6 ECTS
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<b>UE Biostatistics, bioinformatics, modeling (part II)</b>	6 ECTS
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#### Semester 10

<b>UE Business plan of your start-up (entrepreneurship and science)</b>	3 ECTS
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<b>UE Laboratory internship IMID (part II)</b>	24 ECTS
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1 option(s) to choose from 2

<b>UE Communication in scientific english (part II)</b>	3 ECTS
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<b>UE Transverse teaching of choice</b>	3 ECTS
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