

Master in Biology

PLANTA international (PLANTA-Int)

Présentation

PLANT-Int is proposed by University Grenoble Alpes (UGA) and Università degli Studi di Milano ([UNIMI](#)) and leads to a double master's degree diploma delivered by both Universities. Teaching is provided in english, by [commuting between Grenoble and Milan](#), with a large panel of options and [internships](#) that allow a customized study plan for every student.

The PLANT-Int major of the master's in Biology focuses on Plant Science. PLANT-Int trains future scientists for academic or private careers in plant biology and plant biotechnology.

Admission

- First year master's degree : If you have completed a bachelor's degree in Science or are enrolled in the final semester of a bachelor's program in Science, you are eligible to apply for the master's degree in Biology
- Second year master's degree : To be eligible to apply you should have completed, or be enrolled in a first year of a master program in Science, and totalize 60 ECTS

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 ? Let us be your guide – simply follow this [link](#)

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.

- 2 times to register :
- From 30th of March to 17 of April, 2020
- From 27th of April to 15th of May, 2020

Infos pratiques :

- > Composante : UFR Chimie-Biologie
- > Durée : 2 ans
- > Type de formation : Formation initiale / continue
- > Lieu :

Contacts

Responsable pédagogique

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Programme

Master 1st year

Semester 7

UE Plant development and signaling part I	6 ECTS
UE Evolutionary biology of plants	6 ECTS
UE Strategies in experimental biology	12 ECTS
UE Advanced scientific english / FLE / Italian	3 ECTS
1 option(s) au choix parmi 2	
UE Entrepreneurship in sciences	3 ECTS
UE Communication tools	3 ECTS

Semester 8

UE Plant development part II	6 ECTS
UE Plant signal transduction part II	6 ECTS
UE Laboratory stage	6 ECTS
2 option(s) au choix parmi 6	
UE Plant ecology	6 ECTS
UE Advanced plant cell biotechnology	6 ECTS
UE Plant metabolic engineering and nutrigenomics	6 ECTS
UE Basic statistics and experimental design	6 ECTS
UE Development of crop ideotypes	6 ECTS
UE Molecular plant breeding and genetics	6 ECTS

Master 2nd year

Semester 9

Semester 10