

## Master Biologie

# Parcours PLANTA International (PLANT-Int)

## Présentation

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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.

## Objectifs

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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**.

This new major will welcome its first students for the academic year 2018-19 in september 2018.

## Admission

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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.

### 2 times to register :

From 1<sup>st</sup> of April to 19 of April, 2019

From 29<sup>th</sup> of April to 17<sup>th</sup> of May, 2019

Let us be your guide – simply follow this link:

<http://www.univ-grenoble-alpes.fr/fr/grandes-missions/formation/candidatures-et-inscriptions/>

## Infos pratiques :

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- > **Composante** : UFR Chimie-Biologie
- > **Durée** : 2 ans
- > **Type de formation** : Formation initiale / continue
- > **Lieu** : Grenoble - Saint-Martin d'Hères
- > **Contacts** :

### Responsable(s) pédagogique(s)

Christel Carles

Christel.Carles@univ-grenoble-alpes.fr

### Secrétariat de scolarité

Service Formation Chimie-Biologie  
ufrchimiebiologie-formation@univ-grenoble-alpes.fr

## Programme

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### Master 1re année

#### Semestre 7

<b>UE Plant development and signaling, part I</b>	6 ECTS
<b>UE Evolutionary Biology of Plants</b>	6 ECTS
<b>UE Strategies in Experimental Biology</b>	12 ECTS
<b>UE Advanced Scientific English/FLE/Italian</b>	3 ECTS
1 élément(s) au choix parmi 2	
<b>UE Entrepreneurship in sciences</b>	3 ECTS
<b>UE Communication tools</b>	3 ECTS

#### Semestre 8

<b>UE Plant development, part II</b>	6 ECTS
<b>UE Plant signal transduction, part II</b>	6 ECTS
<b>UE Laboratory Stage</b>	6 ECTS
2 élément(s) au choix parmi 6	
<b>UE Plant ecology</b>	6 ECTS
<b>UE Advanced plant cell Biotechnology</b>	6 ECTS
<b>UE Plant metabolic engineering and Nutrigenomics</b>	6 ECTS
<b>UE Basic statistics and Experimental Design</b>	6 ECTS
<b>UE Development of crop ideotypes</b>	6 ECTS
<b>UE Molecular plant breeding and Genetics</b>	6 ECTS

### Master 2e année