

**l'institut Agro**  
agriculture • alimentation • environnement

**SupAgro** Montpellier

**Montpellier - FRANCE**

**EXCHANGE PROGRAMME  
STUDIES AND INTERNSHIP**



**BSc to PhD**

**Research**

**International Cooperation**

*in*

**Agricultural Sciences**

**Biological Sciences**

**Agri-Food Science**

**Environment**

**Rural Development**

# Institut Agro - Montpellier SupAgro - France

## ACADEMIC EXCHANGE 2021-2022

### GENERAL INFORMATION AND PROCEDURES

English: <https://en.montpellier-supagro.fr/admissions/come-academic-exchange-programme>

French: <https://www.montpellier-supagro.fr/international/venir-etudier-montpellier-supagro/venir-en-echange-academique>

#### Montpellier SupAgro, a Prestigious School

Montpellier SupAgro is a French National Institute dedicated to further education, research, international scientific and technical cooperation and sustainable development **in Agriculture, Agri-Food Science, Environment and Rural Management**. The institute offers courses specifically dedicated to innovation in Mediterranean, tropical and sub-tropical issues.

- **1,700** students (**29%** from foreign countries)
- **88** academic staff and **345** external lecturers



Students benefit from **an outstanding scientific environment**:

- **MUSE, Montpellier University of Excellence:**  
Montpellier SupAgro is a member of MUSE, one of the world's most innovative scientific communities in three key fields: Agriculture, Environment and Health.
- **Agropolis International:**  
Montpellier SupAgro is a member of this Montpellier agronomic cluster, with 112 research units and 2,200 researchers in agriculture, food, environment and biodiversity.
- **The Consultative Group on International Agricultural Research (CGIAR) Headquarters** setting in Montpellier fortifies the leadership position of Montpellier's agronomic research at a worldwide level.

#### Contacts for Exchange Programs

#### Address

##### Latin America and Asia

Ms. Claudia Medina

[claudia.medina@supagro.fr](mailto:claudia.medina@supagro.fr) - +33 (0)4 99 61 27 29

##### European Union and North America

Ms. Santi Mallet

[santi.mallet@supagro.fr](mailto:santi.mallet@supagro.fr) - +33 (0)4 99 61 23 27

##### Exchange programs

Ms. Dominique Louette

[dominique.louette@supagro.fr](mailto:dominique.louette@supagro.fr) - +33 (0)4 99 61 26 35

Montpellier SupAgro

Service des Relations Internationales  
et Langues (SRIL)

2 place Viala

Bâtiment 11

34 060 Montpellier cedex 2  
France

More information on the websites:

<https://en.montpellier-supagro.fr/> (English)

<https://www.montpellier-supagro.fr/> (French)

## Campuses

Most of the courses take place on the campus of La Gaillarde or La Valette in the city of **Montpellier**, few on the campus of the city of **Florac** and 3 of them take place, according to the periods, in different cities of France.



## Academic Calendar

Jun	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
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### AUTUMN SEMESTER

[illegible]

## SPRING SEMESTER

[illegible]

## INTERNSHIP

[illegible]

- Each Track has its specific calendar. More information on Track Offer Charts from page 6.
- Internship can start at any time of the year and must last less than 6 months



## Course Offers, Internship and Junior Research Lab (JRL and JRL-AT) for Exchange Students

From page 6, find information about the course offers in **French and English** for students in international mobility, for **Autumn semester, Spring semester and Full year mobility**.

From page 14, find information about the JRL and Internship.

Or consult:

<https://en.montpellier-supagro.fr/admissions/come-academic-exchange-programme/> (English)

<https://www.montpellier-supagro.fr/international/venir-etudier-montpellier-supagro/mobilite-academique-stage/venir-en-echange/> (French)

## Teaching Language

**French or English** according to the selected courses. For more information, see course offers attached.

## EU ECTS credits system : 1 Semester = 30 ECTS

Exchange students can validate all or part of these credits. The number of ECTS credits for each course is indicated on the Course Offers documents and on the application forms.

## Language Courses

### • Elective French Summer Courses - Please note! Fees are due.

We offer a French Summer Programs in July and/or August:

<https://en.montpellier-supagro.fr/programs/languages-courses-summer-school/french-foreign-language-file> (English)

<https://www.montpellier-supagro.fr/international/venir-etudier-montpellier-supagro/langues/campus-dete/langue-culture> (French)

### • French Language Courses – Free of charge

Intensive French language courses, 2 weeks before the beginning of each semester, are followed by regular courses, the whole semester or year.

<https://en.montpellier-supagro.fr/programs/languages-courses-summer-school/french-foreign-language-file> (English)  
[www.montpellier-supagro.fr/international/venir-etudier-montpellier-supagro/langues/francais-langue-etrangere-file](https://www.montpellier-supagro.fr/international/venir-etudier-montpellier-supagro/langues/francais-langue-etrangere-file) (French)

### • Other Language Courses

Students can also choose to attend **free of charge** English, Spanish or German courses, subject to available places.



## Requirements for academic exchange

### • Bilateral Exchange Programs

Students are admitted through bilateral or multilateral exchange programs such as Erasmus+, Brafagri, Brafitec, Arfagri, Mexfitec and bilateral MOU.

### • Academic Level

Depending on the chosen tracks, students should show official evidence of completion of a minimum of 4 to 6 semesters of graduate studies before the beginning of their academic exchange. Please consult the specific information on each Track. The academic level and the prerequisites required will be taken into account in the analysis of the application files.



### • Language Level

Students must have a **B1/B2 level in French or in English**, depending on the selected courses (contact us). No language proficiency is required for an internship or for the Junior Research Lab.

## Application for academic exchange or Junior Research Lab (JRL)

Students should be **nominated by their home university**. Each nominated student will receive an email with a login/password for the completion of the **application form ONLINE**: ID-photo, ID-document, Transcript of records of higher education, Language certificates in French and/or English, Cover letter and Application form.

Deadline for application	Full Year or Autumn Semester	April 15th
	Spring Semester	October 15th

## Application for an Internship at Montpellier SupAgro

Find specific information in the last session of this document about the **Joint Research Units (UMR)** where an internship can be done under certain conditions.

## Exchange related information

### Health Insurance

Students who do not have an European Health Insurance Card will benefit from the French health insurance cover for the duration of their stay.

<https://en.montpellier-supagro.fr/getting-settled/prepare-your-arrival-montpellier-supagro> (English)

<https://www.montpellier-supagro.fr/international/venir-etudier-montpellier-supagro/de-la-preparation-de-votre-arrivee-votre-accueil-1> (French)

### Liability Insurance

A liability insurance is compulsory and can be taken at their arrival in France.

### Visa for non-European Students

Visa VLSTS-Visa D allow student to benefit from French health insurance and housing allowance.

<https://en.montpellier-supagro.fr/getting-settled/prepare-your-arrival-montpellier-supagro> (English)

<https://www.montpellier-supagro.fr/international/venir-etudier-montpellier-supagro/votre-service/preparer-votre-arrivee-montpellier> (French)

## Welcome Events and Administrative Tasks

The Students' Association provides services and **welcome activities** for incoming international students: Pick-up service at the airport or train station, Informal arrival celebration and other integration activities, ...

Each international student is matched with a local student (buddy) by a mentoring program managed by Montpellier SupAgro students.

Students receive help with **administrative procedures** such as visas, insurance, housing, bank account, ...

## Accommodation, Meals and Daily Life

### Accommodation and Meals

Once accepted, students can book a room or a bedsit in one of Montpellier SupAgro's **student residence halls**, which are situated near La Gaillarde campus. Students are free to choose another type of accommodation in town.

<https://en.montpellier-supagro.fr/student-life/accommodation> (English)

<https://www.montpellier-supagro.fr/vie-etudiante/lieu-de-vie/hebergement> (French)



### Meals

Students can eat at the **campus restaurant** under the same conditions as the SupAgro students.

<https://en.montpellier-supagro.fr/student-life/living/dining> (English)

<https://www.montpellier-supagro.fr/vie-etudiante/restauration> (French)

### Students with Special Needs

Montpellier SupAgro offers the infrastructure to welcome students and staff with disabilities.

<https://en.montpellier-supagro.fr/student-life/accessibility-and-disability> (English)

<https://www.montpellier-supagro.fr/vie-etudiante/campus-dynamiques/accessibilite-et-handicap> (French)

### Student Guides

<https://en.montpellier-supagro.fr/sites/supagro/files/documents/2019/07/03/Le%20guide%202019-2020-Montpellier-SupAgro.pdf> (English)

<https://www.montpellier-supagro.fr/sites/supagro/files/documents/2018/07/10/Le%20guide%202018-2019%20Version%20finale.pdf> (French)

<https://languedoc-roussillon-universites.fr/images/Accueil-international/PDF/Guide-EI-2018-FR.pdf> (French)

## Extra-Curricular Activities

Exchange students have the opportunity to participate to a wide range of sports and extra-curricular activities offered by Montpellier SupAgro and/or organized by the Student's Association.

<https://en.montpellier-supagro.fr/student-life/dynamic-campus/student-associations> (English)

<https://www.montpellier-supagro.fr/vie-etudiante/campus-dynamiques/vie-associative> (French)



**Montpellier SupAgro**  
**Course Offer 2021-2022**  
**for Incoming International Students**

# MONTPELLIER SUPAGRO 2021-2022

## AUTUMN SEMESTER TRACK OFFER

*Ctrl-Click on the link of the Track on which you would like more information*



*French*



*English*

Sept	Oct	Nov	Déc	Janv	Feb	Mach	April	May	June	July	Aug	Sept
<b>JRL-AT - Junior Research Lab for Agricultural Transitions</b>							Montpellier – 26 ECTS (December) - 30 ECTS (January)					
<b>VINIFERA – Vinifera Euromaster</b>							Montpellier – 23 ECTS (December) – 30 ECTS (January)					
<b>DOMINANTE 1 - Towards Sustainable Agriculture</b>							Montpellier – 30 ECTS					
<b>DOMINANTE 2 - Products, Processes and Companies</b>							Montpellier – 30 ECTS					
<b>DOMINANTE 3 - Sustainable Management of Natural Resources</b>							Montpellier – 30 ECTS					
<b>EAU et AGRICULTURE 1 - Water and Agriculture (cycle and management of water in agrosystems)</b>							Montpellier – 30 ECTS					
<b>EAU et AGRICULTURE 2 - Water and Agriculture (advanced methods for water management in agrosystems)</b>							Montpellier – 30 ECTS					
<b>EAU et SOCIETE 1 - Water and Society (economy-sociology-management)</b>							Montpellier – 30 ECTS					
<b>EAU et SOCIETE 2 - Water and Society (political science, law, history, geography)</b>							Montpellier – 30 ECTS					
<b>BEE - EcoSystèmeS –Biodiversity Ecology Evolution / Ecosystems</b>							Montpellier – 30 ECTS					
<b>ESE - EAU, SOL, ENVIRONNEMENT - Water, Soil and Environment Management</b>							Montpellier – 30 ECTS					
<b>DATA SCIENCE - Data science for Agronomy and Agri-Food</b>							Rennes/Montpellier – 30 ECTS					
<b>AGROTIC - Agro-Technologies of Information and Communication</b>							Montpellier/Bordeaux – 30 ECTS					
<b>APIMET - Plant Breeding, Mediterranean and Tropical Crops Engineering</b>							Montpellier – 30 ECTS					
<b>SYSTEME D'ELEVAGE - Livestock Farming Systems</b>							Montpellier – 30 ECTS					
<b>CHIMIE VERTE - Chemistry and Bio-Processes for Sustainable Development</b>							Montpellier – 30 ECTS					
<b>PPE - Plant Protection and Environment</b>							Montpellier/Rennes/Paris – 30 ECTS					
<b>PVD - Sustainable Crop Production</b>							Montpellier – 30 ECTS					
<b>AGRO-MANAGERS - Agromanager</b>							Montpellier – 30 ECTS					
<b>TERPPA - Territories and Resources: Public Policies and Actors</b>							Montpellier – 30 ECTS					
<b>EDDEE - EcoDEVA - Economics of agricultural development, environment and food</b>							Montpellier – 30 ECTS					
<b>BIOAGRO - SPA2E - Science and Processes of Agroresources for Food &amp; Environment</b>							Montpellier – 30 ECTS					
<b>AAIM - Agri-Food and Agro-Industry</b>							Montpellier – 30 ECTS					
<b>IDEAL – Innovation, Development and Entrepreneurship in Food Processing for Mediterranean and Tropical Countries</b>							Montpellier – 30 ECTS					
<b>MOQUAS - Markets, Organization, Food Quality, Services in the Southern Agriculture</b>							Montpellier – 30 ECTS					
<b>RESAD - Resources and Agricultural Systems Development</b>							Montpellier – 30 ECTS					



## How to Choose from the Autumn Semester Track Offers?

### Tracks and Teaching Units

- A Track corresponds to a line on the Track offers chart. Each Track is made up of several Teaching Units (UE).
- Each Track delivers 30 ECTS per semester.
- Students must choose one of the Tracks.
- Students can attend a Track if they have officially validated at least 6 semesters of study (180 ECTS).
- It is compulsory to attend all the Teaching Units of the chosen Track.

### Foreign Languages

- In July and/or August, paying **French Summer Courses** are offered for non-French speaking students.
- Before the beginning and throughout the semester Montpellier SupAgro offers **free of charge Language Courses**:

French	For all international students, except French speaking students	<u>Intensive Courses:</u> 30 hrs (3 hrs/day) + <u>Regular Courses:</u> 2hrs/week throughout the semester	<i>Minimum admission level : B1</i>	1 ECTS + 2 ECTS
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- English courses are included in 7 Tracks:  
 “Agri-Food and Agro-Industry”,  
 “Agromanager”,  
 “Plant Breeding, Mediterranean and Tropical Crops Engineering”,  
 “Coordination of Projects in Environmental Education and Sustainable Development”  
 “Chemistry and Bio-Processes for Sustainable Development”  
 “Agricultural Management of Rural Natural Areas” and  
 “Junior Research Lab for Agricultural Transitions”.



















***Ctrl-Click on the link of the Track on which you would like more information***

 *French and*  *English*

## How to Choose from the Spring Semester Track Offers?

### Tracks and Teaching Units

- A Track corresponds to a line on the Track offers chart. Each Track is made up of several Teaching Units (UE). Each Track delivers 30 ECTS per semester.
- Students have two options:
  - choose one track (1 line on the chart) and attend all the Teaching Units; or
  - Mixed track: combine the Teaching Units (UE) of the tracks “Agroecology”, “Data Manager for environmental project”, “Plant Sciences”, “Sustainable Development Policies and Strategies”, “Agricultural and Food Systems in Southern Countries – AgriFood” and “Agricultural and Food Systems in Southern Countries” - Development (marked \*\* on the chart), selecting 1UE per period.

	Period 1 (February) – 7 ECTS		Period 2 (March) – 7 ECTS		Period 3 (April) – 7 ECTS	
<a href="#">Data Manager</a>	Collecting Environmental Data		Environmental Data Processing and Analysis		Mobile and Web Management of Environmental Data	
<a href="#">Plant Science</a>	Designing New Crops for the Future		Training in AGROPOLIS Research Community: Special Topics in Advanced Plant Sciences		Evolutionary Applications in Agriculture: Evolutionary Concepts for the Management of Agro-Ecosystems	
<a href="#">Agroecology</a>	What is Agroecology?		Agroecology in Depth Knowledge		The Agroecological Transition Implementation-	
<a href="#">TED2 - Sustainable Development Policies and Strategies</a>	Coping with the collapse		Sustainability and Society		Social Economy and Agroecology	
<a href="#">DAAS Agrifood - Agricultural and Food Systems in Southern Countries</a>	Analyser les filières agricoles et agroalimentaires + Comprendre les systèmes alimentaires et leurs enjeux		Dynamique et Contrôle des Procédés de Transformation		Produits, procédés, qualité + Travaux pratiques intégrés	
<a href="#">DAAS Dev - Agricultural and Food Systems in Southern Countries</a>	Analyser les filières agricoles et agroalimentaires + Comprendre les systèmes alimentaires et leurs enjeux		Milieus, Agricultures et Ressources		Gestion Sociale des Ressources	

### Internship (7 ECTS) or Junior Research Lab (14 ECTS)

At the end of the Tracks, students can do :

- A two-month **Internship** in a laboratory or a company (more information p.16)
- or
- A **Junior Research Lab** for 2 months (more information p.15)

### Foreign Languages

- Before the beginning and throughout the semester Montpellier SupAgro offers **free of charge Language Courses**:

French	For all international students, except French speaking students	<b>Intensive Courses:</b> 30 hrs (3 hrs/day) + <b>Regular Courses:</b> 2hrs/week throughout the semester	<i>Admission level</i> : B1	1 ECTS + 1 ECTS
English Spanish German	For all students	1hr30mins/week throughout the semester	<i>Admission level:</i> English: B1 to C1 Spanish / German : A1 to C1	1 ECTS

***Ctrl-Click on the link of the Track on which you would like more information***



**COMBINE **AUTUMN** and **SPRING** SEMESTER TRACKS (see previous pages)**  
**or**  
**CHOOSE one of the following Tracks**

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## How to Choose from the Full Year Track Offers?

### Tracks and Teaching Units

- Students can:
  - combine tracks of the Autumn and Spring semester: choose one track (1 line on the chart) on Autumn semester chart (September-January) and one track on Spring semester chart (February-August).
  - Combine an internship during the Autumn semester with a track of the Spring semester
  - choose a specific Track for the full year on the chart above
- A Track corresponds to a line on the Track offers chart. Each Track is made up of several Teaching Units (UE). Each Track delivers 30 ECTS per semester. All the UE of the Track chosen must be attended
- To attend the Tracks “Coordination of Projects in Environmental Education and Sustainable Development” and “Agricultural Management of Rural Natural Areas”, students must have officially validated at least 4 semesters of graduated studies (120 ECTS). To attend all others Tracks, 6 semesters of graduated studies are required as a minimum.

### Internship

After the courses, depending on the Track, students can do a 2 to 6-month Internship in a laboratory or company. See more at the end of the document, p. 16

### Foreign Languages

- In July and/or August, paying **French Summer Courses** are offered for non-French speaking students.
- Before the beginning of the year Montpellier SupAgro offers **free of charge Language Courses**:

French	For all international students, except French speaking students	<u>Intensive Courses</u> : 30 hrs (3 hrs/day) + <u>Regular Courses</u> : 2hrs/week throughout the semester	<i>Minimum admission level : B1</i>	1 ECTS + 2 ECTS Autumn sem. 1 ECTS Spring semester
English Spanish German	For students attending Tracks during the Spring semester	1hr30mins/week throughout the semester	<i>Admission level:</i> English: B1 to C1 Spanish / German: A0 to C1	1 ECTS Spring semester

Obs:

- Depending on their level in English, English courses are recommended during the first semester for students who wish to attend classes taught in English during the second semester.
- English courses are included in 6 Tracks of the Autumn semester:
  - “Agri-Food and Agro-Industry”,
  - “Agromanager”,
  - “Plant Breeding, Mediterranean and Tropical Crops Engineering”,
  - “Coordination of Projects in Environmental Education and Sustainable Development”,
  - “Chemistry and Bio-Processes for Sustainable Development”
  - “Agricultural Management of Rural Natural Areas” and
  - “Junior Research Lab for Agricultural Transitions”.

## **Junior Research Lab – JRL**

### **Organization and credits**

The course is a full time 8-week-long course (May and June). Successful completion of this course brings 14 ECTS credits.

### **Teaching language**

English (B2 level)

### **Objectives**

The module is based on a research project but is not an internship under the supervision of a senior scientist who has already framed the entire project.

It is a learning by researching and doing module. From seminal ideas of projects proposed by a team of experienced teachers, experts in several disciplines (plant biology, genetics and evolution, soil and water science, numeric agriculture or social sciences), small groups of 4-5 students are assembled on the basis of their complementary skills. They have to identify a scientific question from a literature review, design their own experiments, acquire and analyze data, write a scientific paper and realize a flash oral presentation. We aim to train them to work in a cooperative, open and sharing way respecting the principles of ethical, open and reproducible science.

The students are accompanied by a step-by-step process. Courses for project management, data management, data analysis, English writing, and literature management are given all along the 8 weeks consistently according to the increasing needs of the students.

Students are accompanied and taught in the different disciplines according to the needs of their project. They are asked to develop their engagement, self-learning, interculturality, curiosity, critical thinking and responsibility.

The module is hosted in a dedicated space to which they have a full-time access.

### **Course content**

Students activities are split into a group project (50%) and transversal activities (50%).

The module is organized with three main activities:

- (i) active learning sessions providing in-depth knowledge and practical skills useful for research activities.
- (ii) seminars covering the diverse facets of open and reproducible research.
- (iii) scientific project: field visit, literature review, experimental design, data production, data management plan, data analysis, scientific writing and open peer review among groups. Students are mentored by teachers and expert scientists for their project.

### **Requirements**

The course is open to Junior or Senior Students in agronomy, with at least attending a final year of bachelor in science. We expect some basics in statistics (also possibly taken at a previous module in Montpellier SupAgro). No other specific prerequisites but English B2 level.

### **Grades**

The final mark will be a weighted average between an individual exam (peer review of another group's project article and 180' flash oral presentation) and a group project (scientific article).

### **Partnership**

Research Units: potentially all (120) research units from MUSE

## MONTPELLIER SUPAGRO 2021-2022

# INTERNSHIP

- International students can apply for a research internship in one of the 21 **Montpellier SupAgro Joint Research Unit (UMR)**.
  - Students must personally take steps to find the internship. For that, they should consult the list of the UMR, at the end of this document and/or consult the UMR websites  
<https://en.montpellier-supagro.fr/research/scientific-policy/research-units> (English)  
<https://www.montpellier-supagro.fr/recherche/dispositifs-de-recherche> (French)
  - Students should send a message to the contact persons of the chosen UMRs of interest, and indicate the period they are interested in and the topics they would like to work on.
  - The application may be accepted if the project is compatible with the work in progress and the availability of the targeted research teams.
- Internship can begin at any time of the year.
- Internship may last from 2 to 6 months. Internships of more than two months are remunerated but more difficult to obtain.
- Proficiency is required in French or in English. In some cases, other languages can be accepted.

## Contacts for Students Internships Montpellier SupAgro Joint Research Units (UMR)

### MPRS Department - Soils, Water, Crops and Livestock Systems Department

#### UMR Eco&Sols – Functional Ecology & Biogeochemistry of Soils

The aim of Eco&Sols is to use ecological engineering to propose scientifically-based practices to maintain and improve the agricultural and environmental functions of agro-ecosystems. The research undertaken by Eco&Sols seeks to describe and understand the ecological processes of primary production and the regulation of the carbon and nutrient fluxes in the agro-systems.

*Information:* <http://www.umr-ecosols.fr/en/>

*Members:* Inrae, Cirad, IRD, **Institut Agro**

*Contact:* [claire.marsden@supagro.fr](mailto:claire.marsden@supagro.fr)

#### UMR LISAH - Laboratory for the Study of Interactions between Soil, Agro-Systems and Water Systems

LISAH focuses its work on hydrology, the transfer of contaminants and erosion of highly developed and cultivated soils. It also studies the spatial proprieties of these areas, and their evolution. These studies aim at analyzing the issues of water and soils in cultivated areas.

*Information:* <https://www.umr-lisah.fr/?q=en>

*Members:* Inrae, IRD, AgroParisTech, **Institut Agro**

*Contact:* [Julien.fouche@supagro.fr](mailto:Julien.fouche@supagro.fr)

### UMR LSTM – Tropical and Mediterranean Symbioses Laboratory

LSTM studies microbiology and biology of plants, based on a multidisciplinary and integrative approach. It aims at understanding the molecular mechanism influencing the establishing of symbioses, as well as their role in ecosystematic services. It also studies the biodiversity of symbiotic microorganisms.

*Information:* <https://umr-lstm.cirad.fr/>

*Members:* UM, Cirad, IRD, Inrae, **Institut Agro**

*Contact:* [brigitte.brunel@supagro.fr](mailto:brigitte.brunel@supagro.fr)

*Internship offers:* <http://umr-lstm.cirad.fr/offres-d-emploi-et-propositions-de-stages>

### UMR SELMET – Livestock Systems in Mediterranean and Tropical Regions

SELMET works on animal production agro-ecosystems in warm climates, in normal and harsh conditions. The extreme conditions under which some of these systems function challenge the limits of ecological intensification.

*Information:* <http://umr-selmet.cirad.fr/en>

*Members:* Inrae, Cirad, **Institut Agro**

*Contact:* [nathalie.agbagla@supagro.fr](mailto:nathalie.agbagla@supagro.fr) - [charles-henri.moulin@supagro.inrae.fr](mailto:charles-henri.moulin@supagro.inrae.fr)

### UMR ABSys - Biodiversified Agrosystems

ABSys supports the agroecological transition by producing knowledge and methods for the assessment and design of tree crop-based cropping systems, including agroforestry systems, in a wide range of Mediterranean and tropical environments.

*Information:* <https://www.cirad.fr/en/our-research/research-units/absys>

*Members:* Cirad, Inrae, Ciheam-IAM, **Institut Agro**

*Contact:* [aurelie.metay@supagro.fr](mailto:aurelie.metay@supagro.fr)

## BE Department – Biology and Ecology

### AGAP Institute – Genetic Improvement & Adaptation of Mediterranean and Tropical Plants

AGAP Institute produces, collates and shares knowledge, methods and technologies on genetics, physiology and evolution of cultivated plants, as well as innovative and collective management strategies. Our objectives are to create a diversity of crop varieties and to promote plants adapted to the multiple challenges of Mediterranean and tropical agriculture, through interactions with our partners and various stakeholders. About 20 tropical and Mediterranean crops are studied, covering a very wide range of biological characteristics and uses. Considering the diversity of plants and their multiple uses as an opportunity to enrich our researches and activities, we aim to impact the development of more efficient agroecosystems, through multidisciplinary approaches. This includes training and capacity building.

*Information:* <http://umr-agap.cirad.fr/en>

*Members:* Cirad, Inrae, Université de Montpellier, **Institut Agro**

*Contact:* [dominique.this@supagro.fr](mailto:dominique.this@supagro.fr) – [nathalie.pivot@cirad.fr](mailto:nathalie.pivot@cirad.fr) – [laurent.torregrosa@supagro.fr](mailto:laurent.torregrosa@supagro.fr)

*Internship offers:* <https://www.cirad.fr/en/jobs/internships> or <https://jobs.inrae.fr/en/news/complete-internship>

### UMR PHIM – Plant Health Institute Montpellier

PHIM studies the interactions between the plant and its biotic environment that have an impact on plant health, growth and productivity. Several of our researchers are located in Kenya, Ivory Coast, French Guyana and Costa Rica. We also have research platforms in Burkina-Faso, Cambodia and China.

*Information:* <https://umr-phim.cirad.fr/>

*Members:* Inrae, Cirad, IRD, **Institut Agro**

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### UMR BPMP – Biochemistry and Molecular Physiology of Plants

B&PMP is defined as an Integrative Biology research department, focused on the mechanisms of plant responses and adaptation to variable abiotic environmental conditions.

*Information:* <https://www1.montpellier.inra.fr/wp-inra/bpmp/en/>

*Members:* Inrae, CNRS, UM, **Institut Agro**

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*Internship offers:* <https://www1.montpellier.inra.fr/wp-inra/bpmp/en/>



### UMR CBGP - Centre for Biology and Management of Populations

CBGP carries out research in the fields of systematics, genetics and ecology of natural populations and communities of animals (mainly arthropods and small mammals), for the purposes of agriculture, public health and biodiversity. It aims to characterize the diversity of these organisms, and to understand and predict their evolution in a context of global changes. CBGP leads academic researches while making so that the results of some research programs can drive to the elaboration of scenarios or decision-making tools dedicated to the management of pest and diseases or the conservation of endangered species.

*Information:* <https://www.cirad.fr/nos-recherches/unites-de-recherche/cbpg>

*Members:* Cirad, Inrae, IRD, **Institut Agro**

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### UMR LEPSE – Ecophysiology Laboratory of Plants under Environmental Stress

LEPSE produces methods and knowledge to help maximizing crop production with less input, essentially water. This objective was initially assigned in the context of the necessity to limit water use by agriculture. Ongoing climate change, with global temperature elevation, increased probability of heat waves and drought episodes have led us to widen our domain of research.

*Information:* [https://www6.montpellier.inrae.fr/lepse\\_eng/](https://www6.montpellier.inrae.fr/lepse_eng/)

*Members:* Inrae, **Institut Agro**

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*Internship offers:* <https://www6.montpellier.inrae.fr/lepse/Travailler-et-etudier-avec-nous/M2-Ingenieur>

### CEFE – Centre for Functional and Evolution Ecology

CEFE is currently the largest French research center in Ecology and Evolutionary Biology. Its mission is to perform independent, fundamental scientific research on the dynamics and evolution of biodiversity, planetary environmental change, and sustainable development. The CEFE works at a great variety of field sites around the world, but developed particular expertise in Mediterranean and tropical ecosystems. Its main objectives are to understand the dynamics and functioning of ecological systems, and to develop scenarios on their evolution as well as strategies for their conservation and their restoration

*Information:* <http://www.cefe.cnrs.fr/fr/>

*Members:* UM, CNRS, UM Paul Valéry, IRD, EPHE, INRAE, **Institut Agro**

*Contact:* [elena.kazakou@supagro.fr](mailto:elena.kazakou@supagro.fr)

*Internship offers:* <http://www.cefe.cnrs.fr/fr/emploi-stage-2/offres-de-stages>

## SABP Department - Department of Sciences for Agro-Bio-Processes

### UMR G-EAU - Water Management, Actors, Uses

G-EAU conducts researches on hydrosystems, from physical description to integrated water management; it contributes to the design and evaluation of facilities to develop innovating solutions and policies for improved water management. The unit is strongly involved in the UNESCO water center ICIREWARD and hosts many students from the MSc programme Water Sciences ('Water and Agriculture' and 'Water and Society') for their research internships

*Information:* <http://www.g-eau.fr/index.php/en/>

*Members:* INRAE, Cirad, IRD, AgroParisTech, BRGM, **Institut Agro**

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*Internship offers:* <http://www.g-eau.fr/index.php/en/jru-g-eau/recruitment>

### UMR IATE – Agro-Polymer Engineering and Emerging Technologies

IATE is active in the field of agrifood and green chemistry. It comprises seven research teams who generate knowledge regarding the structural-functional properties of plant-based products upon transformation to food, biomaterials, biomolecules and bioenergy. Societal challenges, such as food security and a transition towards a bio-based society, serve as fuel for creativity and new research activities.

*Information:* <https://umr-iate.cirad.fr/en>

*Members:* Inrae, UM, **Institut Agro**

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### UMR ITAP – Technologies and methods for the agriculture of tomorrow

With the aim of developing equipment for a more sustainable agriculture and for services related to the environment, UMR ITAP develops the scientific and technical bases of the following topics: information and associated systems (optical measurements, decision support systems), eco-technologies for sustainable agricultural production (including equipment for crop protection and maintenance), environmental and social assessment based on life cycle assessments.

*Information:* <https://itap.inrae.fr/>

*Members:* Inrae, **Institut Agro**

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*Internship offers:* [https://itap.irstea.fr/?page\\_id=59](https://itap.irstea.fr/?page_id=59)

### UMR MISTEA – Mathematic, Computing & Statistic for Environment and Agronomy

The activities of MISTEA concern the development of mathematical, statistical and computer science methods dedicated to analysis and decision support for Agronomy and Environment, with particular emphasis on the temporal dimension and complexity.

*Information:* [https://www6.montpellier.inrae.fr/mistea\\_eng/](https://www6.montpellier.inrae.fr/mistea_eng/)

*Members:* Inrae, **Institut Agro**

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*Internship offers:* <http://www6.montpellier.inrae.fr/mistea/Offres-de-stage-these-emploi>

### UMR QUALISUD – Integrated Quality Food System

QUALISUD aims at developing an integrated approach for production and preservation of products and food with optimum organoleptic, health and nutritional optimal qualities.

*Information:* <http://umr-qualisud.cirad.fr/en/the-research-unit>

*Members:* Cirad, UM, Avignon Université, IRD, Université de la Réunion, **Institut Agro**

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### UMR SPO – Sciences for Enology

SPO is one of the most important organizations involved in research in enology worldwide. It comprises 3 research teams: Adaptation, Diversity, Ecology of yeasts (ADEL), Alcoholic fermentation: Yeasts, Aromas, Metabolism (FLAM), Biomolecules of enological interest (BIO). Close interactions with the Inrae Experimental Unit of Pech Rouge-Narbonne (UE PR) allow the development of research projects up to pilot or pre-industrial scale and provide unique opportunities for innovation and transfer.

*Information:* [https://www6.montpellier.inrae.fr/spo\\_eng/](https://www6.montpellier.inrae.fr/spo_eng/)

*Members:* UM, Inrae, **Institut Agro**

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## SESG Department - Sciences Economiques, Sociales et de Gestion

### UMR INNOVATION – Innovation and Development in Agriculture and Agri-Food Sector

The mission of INNOVATION is to inform private and public actors' decision-making by producing knowledge on the processes of innovation and development in agricultural and food systems. Its research focuses on innovation processes, ranging from understanding the objectives of the actors wanting to innovate to analyzing innovations' impact on development. Its research also covers the methods required to support the actors who innovate.

*Information:* <https://umr-innovation.cirad.fr/en>

*Members:* Cirad, Inrae, **Institut Agro**

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### **UMR CEE-M – Center of Environmental Economics- Montpellier**

CEE-M aims at developing a plurality of works through specific tools (Market Econometrics, behavioral economics, experimental economics, public economics, history of economics thought, micro economy, social economy, game theory). The targeted areas are as follow: Risks, Preferences and behaviors; Public decision, collective actions and social ethic; Competition, regulations and network industry and finally Environment, natural resources and biodiversity.

*Information:* <http://www.cee-m.fr/>

*Members:* Inrae, CNRS, UM, **Institut Agro**

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### **UMR MoISA – Montpellier Interdisciplinary center on Sustainable Agri-food systems (Social and nutritional sciences)**

MoiSA gathers researchers and lecturers in social sciences and nutrition from Cirad, INRAE, IRD, Montpellier Supagro and Ciheam-IAMM, under Muse (Montpellier University of Excellence). We research stakeholders' strategies and behaviour in the agri-food systems of Mediterranean and tropical areas, and their results in terms of food security and sustainable development. The main disciplines of research are in social sciences: micro-economics, economics of organization, management, sociology, anthropology, political science); and public nutrition.

*Information:* <http://umr-moisa.cirad.fr/>

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*Internship offers:* <http://umr-moisa.cirad.fr/offres-stages-theses-post-doc>

### **UMR SENS – Savoirs, Environnement, Sociétés**

SENS is structured around the following objectives: 1) to produce knowledge on the mechanisms underlying the relations and tensions that make up the society-environment nexus; 2) to accompany social and institutional initiatives and innovations aimed at sustainably influencing, at different scales, the trajectories of ecological and social systems; 3) to consolidate reflexive approaches to our role as scientists with regard to the complexity of the phenomena studied, their ethical and political dimensions, and the necessary co-construction of knowledge and practices oriented towards sustainability.

*Information:* <https://umr-sens.fr/>

*Members:* IRD, UM3, **Institut Agro**

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