

EXCHANGE OR INTERNSHIP

Montpellier SupAgro



**B.Sc. to PhD Level Higher Education
Research
International Cooperation**

in

**Agricultural Sciences
Biological Sciences
Agri-Food Science
Environment
Rural Management**

Montpellier SupAgro - France

ACADEMIC EXCHANGE 2018-2019

English: <https://www.supagro.fr/web/en/pages/?idl=19&page=1374>

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

Montpellier SupAgro, a Prestigious School for a Remarkable Future

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.

- **1,600** students (**29%** from foreign countries)
- **88** academic staff and **345** external lecturers

Students benefit from an **outstanding scientific environment**, as Montpellier SupAgro is a member:

- **MUSE, Montpellier University of Excellence** which is one of the world's most innovative scientific communities in the three key fields Agriculture, Environment and Health. For example, in 2017, MUSE was ranked 3rd in Ecology (Shanghai ranking) and 5th most innovative French university (by Reuters)
- **Agropolis International, the Montpellier agronomic cluster**, with 112 research units and 2,200 researchers in agriculture, food, environment and biodiversity.

The setting in Montpellier of the Consultative Group on International Agricultural Research (**CGIAR**) headquarters fortifies the leadership position of Montpellier's agronomic research at a worldwide level.



Contacts for Exchange Programs

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European Union and North America

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Exchange programs

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et Langues (SRIL)
2 place Viala
Bâtiment 11
34 060 Montpellier cedex 2
France

More information on the websites:

<https://www.supagro.fr/web/en/> (English)

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

Course Offers for Exchange Students

Find below the course offers for students in international mobility, for **Autumn semester**, **Spring semester** **Full year mobility**, or consult:

www.supagro.fr/web/en/pages/?idl=19&page=1374 (English)

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



Academic Calendar

	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Autumn semester courses from September to January or March, according to the track												
Spring semester courses from February to April or May, according to the track												
Junior Research Lab												
Internship can start at any time of the year, must last less than 6 months												

Teaching Language

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

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.

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

		ECTS	hours	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Elective French Summer Courses	paying														
French Intensive Courses	free of charge	1 ECTS each semester	3 hours /day												
French weekly Courses	free of charge	Autumn 2 ECTS Spring 1 ECTS	2 hours /week												
English, German, Spanish	free of charge	Autumn 2 ECTS Spring 1 ECTS	1,5 hours /week												

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

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

- **Agri-Culture Summer Course**
www.supagro.fr/web/en/pages/?id=19&page=1867 (English)
www.montpellier-supagro.fr/international/venir-etudier-montpellier-supagro/langues/campus-dete/agri-cultures (French)
- **Language & Culture Summer Course**
www.supagro.fr/web/en/pages/?id=19&page=1825 (English)
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.

www.supagro.fr/web/en/pages/?id=19&page=1402 (English)
www.montpellier-supagro.fr/international/venir-etudier-montpellier-supagro/langues/francais-langue-etrangere-fle (French)

• Other Language Courses

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



Application 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

Students should be **nominated by their home university**.

Each nominated student will receive an email with his/her login and password for the completion of his/her **application form ONLINE**: ID-photo, ID-document, Transcript of records of higher education, Language certificates in French and/or English, depending on courses, Cover letter and Learning agreement.



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.

Welcome Events and Administrative Tasks

The Students' Association works with the International Exchange Department to provide services and **welcome activities** for incoming international students: Pick-up service at the airport or train station, Mentoring, Informal arrival celebration and other integration activities...

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

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.

www.supagro.fr/web/en/pages/?idl=19&page=1365 (English)

www.montpellier-supagro.fr/vie-etudiante/campus-dynamiques/vie-associative (French)

Accommodation, Meals and Daily Life

Once accepted, students receive an application form for the booking of a room or a bedsit in one of Montpellier SupAgro's **student residence halls**, which are situated just across the road from La Gaillarde campus. Students are free to choose another type of accommodation in town.

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

Lodging, Food, Transport, Visa & Miscellaneous

www.supagro.fr/web/en/pages/?idl=19&page=1360 (English)

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

Mon guide, mon ami fidèle, a guide written by and for students!

www.montpellier-supagro.fr/sites/supagro/files/documents/2017/11/27/guide_2017.pdf (French)

The Practical Guide for International Students in Languedoc Roussillon

<https://languedoc-roussillon-universites.fr/images/Accueil-international/PDF/Guide-El-2017-GB.pdf> (English)



Track Offers for incoming international mobility

AUTUMN SEMESTER*Ctrl-Click on the link in the Track you want to get more information*

Sept	Oct	Nov	Déc	Jan	Fév	Mars	Avr	Mai	Juin	Juil	Août	Sept
DOMINANTE 1 - Towards Sustainable Agriculture Montpellier – 30 ECTS												
DOMINANTE 2 - Products, Processes and Companies Montpellier – 30 ECTS												
DOMINANTE 3 - Sustainable Management of Natural Resources Montpellier – 30 ECTS												
EAU et AGRICULTURE 1 - Water and Agriculture cycle and management of water in agrosystems Montpellier - 30 ECTS												
EAU et AGRICULTURE 2 - Water and Agriculture (advanced methods for water management in agrosystems) Montpellier - 30 ECTS												
EAU et SOCIÉTÉ 1 - Water and Society (economy-sociology-management) Montpellier - 30 ECTS												
EAU et SOCIÉTÉ 2 - Water and Society (political science, law, history, geography) Montpellier - 30 ECTS												
EAU, SOL, ENVIRONNEMENT - Water, Cultivated Areas and Environment Management Montpellier - 30 ECTS												
DATA SCIENCE - Data science for Agronomy and Agri-Food Rennes/Montpellier - 30 ECTS												
AGROTIC - Agro-Technologies of Information and Communication Montpellier/Bordeaux - 30 ECTS												
CHIMIE VERTE - Chemistry and Bio-Processes for Sustainable Development Montpellier - 30 ECTS												
APIMET - Plant Breeding, Mediterranean and Tropical Crops Engineering Montpellier - 30 ECTS												
PPE - Plant Protection and Environment Montpellier/Rennes/Paris - 30 ECTS												
SYSTEME D'ELEVAGE - Livestock Farming Systems Montpellier - 30 ECTS												
PVD - Sustainable Crop Production Montpellier - 30 ECTS												
AGRO-MANAGERS - Agromanager Montpellier - 30 ECTS												
TERPPA - Territories and Resources: Public Policies and Actors Montpellier - 30 ECTS												
ECODEVA - Economics of agricultural development, environment and food Montpellier - 30 ECTS												
SPA2E - Science and Processes of Agroresources for Food & Environment Montpellier - 30 ECTS												
AAIM - Agri-Food and Agro-Industry Montpellier - 30 ECTS												
IAAS - Agri-Food Industry in the South Montpellier - 30 ECTS												
MOQUAS - Markets, Organization, Food Quality, Services in the Southern Agriculture Montpellier - 30 ECTS												
RESAD - Resources and Agricultural Systems Development 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.
- Throughout 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
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- English courses are included in 5 Tracks:
“Agri-Food and Agro-Industry”,
“Agromanager”,
“Plant Breeding, Mediterranean and Tropical Crops Engineering”,
“Coordination of Projects in Environmental Education and Sustainable Development” and
“Agricultural Management of Rural Natural Areas”.

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
 - combine the Teaching Units (UE) of the tracks “Agroecology”, “Data Manager for environmental project”, “Plant Sciences” and “Sustainable Development Policies and Strategies” (marked ** on the chart), selecting 1UE per period.

Period 1 (February) – 7 ECTS		Period 2 (March) – 7 ECTS		Period 3 (April) – 7 ECTS	
Discover Agroecology	 English	Agroecology Principal Concepts	 English	The Agroecological Transition -	 English
Collecting Environmental Data	 English	Environmental Data Processing and Analysis	 English	Mobile and Web Management of Environmental Data	 English
Designing New Crops for the Future	 English	Training in AGROPOLIS Research Community	 English	Evolutionary applications in agriculture : Evolutionary Concepts for the Management of Agro-Ecosystems	 English
Challenges and instruments for sustainable development	 English  French	Life Cycle Analysis and Sustainable Consumption	 English  French	Sustainable Development Initiatives	 French

Internship

At the end of the Tracks, students can do a two month **Internship** in a laboratory or a company to validate 7 ECTS. See more on internships at the end of the document.

Junior Research Lab – 7 ECTS

- From May to July the JRL will function as a real research unit.
- Small groups of 3-4 international students will be assembled on the basis of their complementary skills and they will have to identify a scientific question on which they will focus, learn by reading up-to-date scientific literature, design experiments, acquire and analyze data and write a scientific paper.
- Students will be connected to one of the 74 Units of research of the Agropolis community, a worldwide acknowledged research hub with more than 2,500 full time scientists in agronomical, biological and ecology science (link).

Foreign Languages

Throughout the year Montpellier SupAgro offers *free of charge* **Language Courses**:

French	For all international students, except French speaking students	Intensive Courses: 30 hrs (3 hrs/day) + Regular Courses: 2hrs/week throughout the semester	<i>Minimum admission level : B1</i>	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

MONTPELLIER SUPAGRO 2017-2018

Track Offers for Incoming International Mobility

FULL YEAR

Ctrl-Click on the link in the Track you want to get more information

Sept	Oct	Nov	Déc	Jan	Fév	Mars	Avr	Mai	Juin	Juil	Août	Sept
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COMBINE AUTUMN and SPRING SEMESTER TRACKS (see previous pages)
or
CHOOSE one of the following Tracks

CEEDDR - Coordination of Projects in Environmental Education and Sustainable Development - Florac - 40 ECTS	Internship 20 ECTS
GENA - Agricultural Management of Rural Natural Areas Florac - 40 ECTS	Internship 20 ECTS
EAU et AGRICULTURE 1 - Water and Agriculture (cycle and management of water in agrosystems) Montpellier - 52,5 ECTS	Internship 7,5 ECTS
EAU et AGRICULTURE 2 - Water and Agriculture (advanced methods for water management in agrosystems) Montpellier - 35 ECTS	Internship 25 ECTS
EAU et SOCIETE 1 - Water and Society (year 1 - economy-sociology-management) Montpellier - 52,5 ECTS	Internship 7,5 ECTS
EAU, SOL, ENVIRONNEMENT - Water, Cultivated Areas and Environment Management Montpellier - 30 ECTS	Internship 30 ECTS
DATA SCIENCE - Data science for Agronomy and Agri-Food Rennes/Montpellier - 30 ECTS	Internship 30 ECTS
AGROTIC - Agro-Technologies of Information and Communication Montpellier/Bordeaux - 30 ECTS	Internship 30 ECTS
CHIMIE VERTE - Chemistry and Bio-Processes for Sustainable Development Montpellier - 30 ECTS	Internship 30 ECTS
APIMET - Plant Breeding, Mediterranean and Tropical Crops Engineering Montpellier - 30 ECTS	Internship 30 ECTS
PPE - Plant Protection and Environment Montpellier/Rennes/Paris - 30 ECTS	Internship 30 ECTS
SYSTEME D'ELEVAGE - Livestock Farming Systems Montpellier - 30 ECTS	Internship 30 ECTS
PVD - Sustainable Crop Production Montpellier - 30 ECTS	Internship 30 ECTS
AGRO-MANAGERS - Agromanagers Montpellier - 30 ECTS	Internship 30 ECTS
TERPPA - Territories and Resources: Public Policies and Actors Montpellier - 30 ECTS	Internship 30 ECTS
ECODEVA - Economics of agricultural development, environment and food Montpellier - 30 ECTS	Internship 30 ECTS
SPA2E - Science and Processes of Agroresources for Food & Environment Montpellier - 30 ECTS	Internship 30 ECTS
AAIM - Agri-Food and Agro-Industry Montpellier - 30 ECTS	Internship 30 ECTS
IAAS - Agri-Food Industry in the South Montpellier - 30 ECTS	Internship 30 ECTS
MOQUAS - Markets, Organization, Food Quality, Services in the Southern Agriculture Montpellier - 30 ECTS	Internship 30 ECTS
RESAD - Resources and Agricultural Systems Development Montpellier - 30 ECTS	Internship 30 ECTS



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 2 short internships 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

- Students can do short internships during the Autumn Semester before the beginning of the Spring semester courses.
- 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.

Foreign Languages

- In July and/or August, paying **French Summer Courses** are offered for non-French speaking students.
- Throughout 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 :</i> B1	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 5 Tracks of the Autumn semester: “Agri-Food and Agro-Industry”, “Agromanagement”, “Plant Breeding, Mediterranean and Tropical Crops Engineering”, “Coordination of Projects in Environmental Education and Sustainable Development” and “Agricultural Management of Rural Natural Areas”.

MONTPELLIER SUPAGRO 2018-2019:

JUNIOR RESEARCH LAB - JRL

- From May to July the JRL will function as a real research unit.
- The module is based on a research project but is not an internship under the supervision of a senior scientist having already framed the entire project. It is a learning by research and doing module.
- Small groups of 3-4 international students will be assembled on the basis of their complementary skills and they will have to identify a scientific question on which they will focus, learn by reading up-to-date scientific literature, design experiments, acquire and analyze data and write a scientific paper.
- During the JRL period, the students will be taught to assemble and read critically a corpus of scientific papers, develop their own curiosity and creativity while being challenged by the supervising team for their scientific rigor and consistency.
- Each student will be supervised by an academic from the JRL team or by a scientist from one of the associated research teams. Students will be connected to one of the 74 Units of research of the Agropolis community, a worldwide acknowledged research hub with more than 2,500 full time scientists in agronomical, biological and ecology science ([link](#)).
- All students attending The Junior Research Lab module will be hosted in the same convivial open space offices to permit exchanges, cross discussions and emulation, and the realization of some of their experiments.
- Scientific seminar will be given by senior scientists every week and regular reporting will be organized. The module will be evaluated on an ongoing basis.
- The final grade will consist of a continuous review and a final examination (scientific paper and oral talk). The JRL is a credited module (7 ECTS) and will be valued for the academics records.

MONTPELLIER SUPAGRO 2018-2019:

INTERNSHIP

- International students can apply for a research internship in one of the 22 **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://www.supagro.fr/web/en/pages/?idl=19&page=1389> (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.

Montpellier SupAgro Joint Research Units (UMR)

Contacts for Students Internships

BE Department – Biology and Ecology

UMR AGAP – Genetic Improvement & Adaptation of Mediterranean and Tropical Plants

In order to create innovative breeding methodologies and plant material, AGAP research unit seeks to understand the factors of plant development and their adaptation to environmental constraints, analyses the organization and diversity of genomes and studies agrobiodiversity. It combines biological and social sciences to broaden the disciplinary base and better understand plant domestication. Genomics, genetics, bioinformatics, ecophysiology and mathematical modelling make it possible to study the relationships between genetic diversity, agronomic behaviour and response to selection. About 20 tropical and Mediterranean crops are studied, covering a very wide range of biological characteristics and uses by farmers.

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

Members: Cirad, Inra, Montpellier SupAgro

Contact: dominique.this@supagro.inra.fr

Internship offers: <https://www.cirad.fr/en/jobs/internships>

UMR BGPI – Biology and Genetics of Plant/Parasite Interactions for Integrated Protection

The BGPI joint research unit aims at studying plant diseases with the goal of proposing rational control methods. The researchers of BGPI unit work on viruses, bacteria and fungi (including quarantine organisms) that are pathogenic to temperate and tropical plants. Population dynamics of emerging diseases, mechanisms of pathogenicity and plant resistance are the main investigated domains. Knowledge transfer for quarantine management of genetics resources is also a strong component of our activities.

Information: <http://umr-bgpi.cirad.fr/>

Members: Inra, Cirad, Montpellier SupAgro

Contact: claire.neema@supagro.inra.fr

UMR BPMP – Biochemistry and Molecular Physiology of Plants

The B&PMP joint research unit 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: Inra, CNRS, UM, Montpellier SupAgro

Contact: pierre.berthomieu@supagro.fr

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

UMR CBGP - Centre for Biology and Management of Populations

The CBGP joint research unit aims to understand the mechanisms that govern populations of organisms that are important to agriculture, forests, human health and biodiversity conservation. Its studies concern biological models (arthropods, nematodes and rodents), and follow six lines of research: origin and characterization of biodiversity; adaptation of plant eaters, their natural enemies and symbionts; ecology and evolution of zoonoses; biology, ecology and evolution of invasive species; statistical and evolutionary population genomics; and high-throughput molecular and bioinformatics techniques

Information: https://www6.montpellier.inra.fr/cbpg_eng/

Members: Cirad, Inra, IRD, Montpellier SupAgro

Contact: marie-stephane.tixier@supagro.fr - serge.kreiter@supagro.fr

Internship offers: <http://www6.montpellier.inra.fr/cbpg/Informations-pratiques/Offres-stages-theses-post-doc>

UMR LEPSE – Ecophysiology Laboratory of Plants under Environmental Stress

The LEPSE joint research unit 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.inra.fr/lepse_eng/

Members: Inra, Montpellier SupAgro

Contact: anne.pellegrino@supagro.fr

USC CEFE – Centre for Functional and Evolution Ecology

The CEFE is currently the largest French research center in Ecology. Its mission is to perform independent, fundamental scientific research on the dynamics 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. One of its main objectives is to develop scenarios on the evolution of biological systems, as well as strategies for their conservation and their restoration.

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

Members: UM, CNRS, UM 3, EPHE, Montpellier SupAgro

Contact: elena.kazakou@supagro.fr

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

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

UMR Eco&Sols – Functional Ecology & Biogeochemistry of Soils

The aim of the Eco&Sols joint research unit 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.umer-ecosols.fr/en/>

Members: Inra, Cirad, IRD, Montpellier SupAgro

Contact: claire.marsden@supagro.fr

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

The LISAH joint research unit 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.umer-lisah.fr/?q=en>

Members: Inra, IRD, Montpellier SupAgro

Contact: stephane.follain@supagro.fr - francois.colin@supagro.fr - armand.crabit@supagro.fr

UMR LSTM – Tropical and Mediterranean Symbioses Laboratory

The LSTM joint research unit 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, Montpellier SupAgro

Contact: brigitte.brunel@supagro.inra.fr

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

UMR SELMET – Livestock Systems in Tropical and Sub-Tropical Regions

The SELMET joint research unit 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: Inra, Cirad, Montpellier SupAgro

Contact: nathalie.agbagla@supagro.fr - charles-henri.moulin@supagro.inra.fr

UMR SYSTEM - Crop Systems Tropical and Mediterranean Cropping Systems functioning and management

The SYSTEM joint research unit produces knowledge and tools to assess and design cropping systems combining economic efficiency and the production of environmental services. In Mediterranean and tropical areas, it explores the hypothesis whereby the biological diversity of species cultivated in the same place fosters ecological intensification.

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

Members: Cirad, Inra, Montpellier SupAgro, Ciheam-IAM

Contact: aurelie.metay@supagro.fr

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

UMR G-EAU - Water Management, Actors, Uses

The G-EAU joint research unit 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 'Water and Agriculture' and 'Water and Society' master programmes.

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

Members: IRSTEA, Cirad, IRD, AgroParisTech, Montpellier SupAgro

Contact: gilles.belaud@supagro.fr

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

UMR IATE – Agro-Polymer Engineering and Emerging Technologies

The IATE joint research unit generates knowledge regarding the structural-functional properties of plant-based products upon transformation to food, biomaterials, biomolecules and bioenergy.

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

Members: Inra, Cirad, UM, Montpellier SupAgro

Contact: maeva.subileau@supagro.inra.fr

UMR ITAP – Information and Technology for Agro-Processes

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: <http://itap.irstea.fr/>

Members: IRSTEA, Montpellier SupAgro

Contact: carole.sinfort@supagro.fr

Internship offers: https://itap.irstea.fr/?page_id=59

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

The activities of the MISTEA joint research unit concern the development of mathematical, statistical and computer science methods dedicated to analysis and decision support for Agronomy and Environment, with particular emphasis on modeling, dynamical systems and complex systems.

Information: https://www6.montpellier.inra.fr/mistea_eng/

Members: Inra, Montpellier SupAgro

Contact: benedicte.fonze@supagro.fr

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

UMR NUTRIPASS – Preventive malnutrition & associated pathologies

The NutriPass Joint Research Unit develops research on nutritional status as determinants and consequences, as well as on strategies and intervention policies. Its research is centered around issues which arise in the context of the nutrition transition and the dual burden of malnutrition (deficiencies and excesses) now affecting a majority of developing countries.

Information: <http://en.nutripass.ird.fr/>

Members: IRD, UM, Montpellier SupAgro

Contact: nutripass@ird.fr

UMR QUALISUD – Integrated Quality Food System

The QUALISUD joint research unit 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, Université Avignon et des pays de Vaucluse, Montpellier SupAgro, Université de la Réunion

Contact: manuel.dornier@cirad.fr

UMR SPO – Sciences for Enology

The SPO joint research unit is one of the most important organizations involved in research in enology worldwide. It comprises 3 research teams: microbiology, biosynthesis and composition in polyphenols and polysaccharides (BCP2) and structures of phenolic (interactions, reactivity, assemblies) (SPIRAL). Close interactions with the INRA 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.inra.fr/spo_eng/

Members: UM, Inra, Montpellier SupAgro

Contact: bruno.blondin@supagro.fr

USC LBE – Laboratory of Environmental Biotechnology

Les recherches conduites par l'USC LBE portent sur la valorisation par voie biologique des résidus issus de l'activité humaine selon le concept de la bioraffinerie environnementale et se déclinent en 4 axes transversaux renforçant la compréhension des mécanismes et la maîtrise des procédés :

- Diversité et Ingénierie des Ecosystèmes microbiens (DIEM)
- Matières complexes & Ingénierie des bioProcédés (MaXIP)
- Système, Analyse, Modélisation et Informatique (SAMI)
- Développement Technologique et Innovation (DTI)

Information: https://www6.montpellier.inra.fr/narbonne_eng/

Members: Inra, Montpellier SupAgro

Contact: sylvie.farine@inra.fr

Internship offers: Narbonne - <http://www6.montpellier.inra.fr/narbonne/Offres-de-stage-stage-emploi>

SESG Department - Sciences Economiques, Sociales et de Gestion

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

The mission of the INNOVATION joint research unit 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, Inra, Montpellier SupAgro

Contact: stephane.de-tourdonnet@supagro.inra.fr

UMR CEE-M – Center of Environmental Economics- Montpellier

The CEE-M (ex-LAMETA) joint research unit 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: Inra, CNRS, UM, Montpellier SupAgro

Contact: pauline.lecole@supagro.fr

UMR MOISA – Markets, Organizations, Institutions and Actors' Strategies

The MOISA joint research unit studies issues related to the strategies implemented by the different actors, private or public, individuals (consumers) or collectives (social groups of market or non-market production), to their internal mode of communication (enterprises) or external (vertically or horizontally), and to the functioning of institutions (markets, laws), which are applied to food science and rural agricultural systems in the Mediterranean and tropical areas.

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

Members: Cirad, Inra, CIHEIAM-IAMM, Montpellier SupAgro

Contact: lucie.sirieux@supagro.fr

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

USC GRED – Gouvernement, Risque, Environnement, Développement

Quatre axes structurent à présent l'USC GRED:

- Biodiversités et sociétés
- Gouvernance des ressources et des territoires - Pluralité des règles, des acteurs et des espaces de décision
- Risques, transports et vulnérabilités des territoires
- Modélisation et représentations spatiales pour l'aide à la décision en aménagement

De nouvelles actions transversales ont été identifiées, au niveau des thématiques (conflits et accès aux ressources, politiques publiques) et/ou des chantiers relatifs à des milieux spécifiques (forêts, milieux littoraux et insulaire), ou encore des pays ou région (Maghreb, Afrique de l'Ouest) qui permettent des collaborations et dynamiques trans-axes.

Information: <http://www.gred.ird.fr/>

Members: IRD, UM3, Montpellier SupAgro

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