

## TARGET GROUP

- Students and young qualified professionals from universities, enterprises, government agencies and NGOs, working in the field of environmental sciences, agriculture, extension and development.

## WHY CHOOSING OUR PROGRAMME?

Partner universities

Double degree

Action learning

International

Thesis project

Project management

Theory and practice

Interculturality



## ADMISSION REQUIREMENTS

- English level certified by an official test: TOEFL IBT 92 (23 in speaking), IELTS 6.5, Cambridge (first certificate A - Advance certificate B)
- BSc degree in agriculture, horticulture, ecology, economics, biology, food sciences, rural sociology or other fields related to agriculture or the food sector.

Language courses in French and Dutch are offered during the semesters.

## TUITION FEES (can be modified)

- Students will be charged a consortium fee of:
  - €9 500 for the 2-year programme (EU students)
  - €26 000 for the 2-year programme (Non-Europeans)
- Living expenses and transport between countries are not included.

Candidates seeking financial support may contact ISARA for information.

### BEGINNING

September

### STUDY PROGRAMME

4 semesters (24 months)  
Full-time  
120 ECTS

### CERTIFICATE

MSc Double degree diploma

### APPLICATION DEADLINE

February 1st (non Europeans)  
March 1st (Europeans)

### SCHOLARSHIP AVAILABLE

Once accepted to the programme  
Please contact Isara for more

## Application and information

[www.agroecology.fr](http://www.agroecology.fr)



## Contact

Vincent BRIGNOL  
[vbrignol@isara.fr](mailto:vbrignol@isara.fr)

ISARA Lyon-Avignon  
23 rue Jean Baldassini  
69364 Lyon Cedex 07  
France  
(33) 4 27 85 85 10

# MSc Agroecology Resilient Farming



- isaralyonavignon
- Isara\_lyonavignon
- ISARA-Lyon
- ISARA Lyon
- Isara Youtube



Réseau d'écoles d'ingénieurs



## BACKGROUND

Farming and food systems in Europe and abroad are increasingly recognised as closely linked with environmental, social and ethical issues. The challenges arising in the interface between food production and society in Europe contain many generic traits that also occur in many parts of the world. The multiple cultures, languages and political systems in Europe make this an ideal place for students to experience first hand some of these challenges and potential solutions that could be applied in their home situation.

## PARTNERS



Wageningen University, The Netherlands, France Agro<sup>3</sup> consortium (ISARA-Lyon Avignon, ISA Lille, El Purpan), France

## OBJECTIVES

- ☒ To understand structure and function of complex agroecosystems.
- ☒ To learn to apply systems approaches in studying, designing and evaluating food production chains and agricultural systems and to develop creative solutions for sustainable farming and marketing of organic products.
- ☒ To shorten the distance between practice and theory, develop individual and group action skills through cooperation with farmers, food system professionals and consumers.



# Structure of the MSc course

## SEMESTER 1 - Basics of resilient farming and food systems - Wageningen

Experiential learning and multiperspective approach to description, sustainability analysis and improvement of agroecosystems.



- Future of food and farming
- Transformation of food systems
- Modular skills training
- Elective courses

## SEMESTER 2 - Students can choose among different options for an academic internship or a minor thesis - Wageningen

- Elective courses
- Choose an internship or a minor from:
  - Farming Systems Ecology
  - Crop and Weed Ecology
  - Plant production Systems
  - Soil Quality

## SEMESTER 3 - All students study at ISARA in France (France Agro<sup>3</sup> Consortium)

Project management and application of agroecological science in real-world situation.

- Agriculture and landscape management in a particular agricultural region
- Agroecological cropping practices
- World agroecosystems and agriculture use
- Management of agroecosystems: implications from policies and nature conservation
- Group project management



## SEMESTER 4 - Master thesis work Co-supervised

Translate knowledge, skills and experience gained so far into responsible action by conduct of an independent, scientific research on priority issues in the agricultural and food sectors.