

[ 100% IN ENGLISH ]

Title: **Environmental Management and Sustainable Development**

Mention: **Biodiversity, ecology, evolution**

Parcours: **Ecology and sustainable development**

Master: **Bac +5 / 1 year** [accredited by the University of Angers]

## PROGRAM OBJECTIVES

Prepare students to become environmental managers for:

- Conservation in national parks, with environmental associations or state organizations
- Management of natural and anthropized environments
- Sustainable urban planning for private or public construction projects
- Sustainable management in private companies to improve or implement sustainability practices

## STRENGTHS

### 1/ Environmental management with an international perspective

This year of Master is fully taught in English, with fieldtrips, data collection, laboratory work and study cases from different countries to gain an international perspective on sustainable practices and environmental monitoring.

### 2/ Concrete approach through fieldwork and visits in Europe

Students gain a European perspective on ecology and sustainable development through different field experiences (in the bassin versant de la Loire, etc.), visits of companies and one-week immersion in the sustainable city of Freiburg in Germany.

### 3/ Professional skills to meet actual and future needs in environmental management

Students develop strong relationships with professionals from various fields through classes, the organization of a conference, research projects... Companies and agencies need scientists with project management skills and graduates from this program will be in high demand.

### 4/ An internship in France or abroad

At the end of the courses program, students carry out a 4 to 6 months internship to use and develop new skills in order to conduct a research project in natural or urban environments (data collection, research design, field methodology...) or to implement sustainable practices in a company.

## CAREERS

- Environmental sustainability manager
- Sustainability advisor for urban planning
- Sustainability consultant
- Environment and conservation manager
- Environment officer
- Conservation advisor

## ADMISSION REQUIREMENTS

- This 2<sup>nd</sup> year of Master in Environmental Management and Sustainable Development is designed for students who have completed their first year of a Master or their fourth year of a Bachelor degree in a related field (biology, ecology, geography, environment, chemistry, urban planning).

## TUITION FEES

- Foreign students: 8650 €
- +260 € for the University of Angers agreement.

## PROGRAM

Students of the program will learn how to implement sustainable practices and use analytical and quantitative methods to monitor and manage natural and urban environments. Environmental law related to climate change and urban planning will be addressed, as well as the methodology for environmental project management. Emphasis will be made on work planification, risk management, along with human relations skills through the incorporation of a business ethic seminar.

Students will evolve in the Biology-Environment department of UCO's Faculty of science in the Loire River Valley in Angers – France (less than 2 hours away from Paris by train!) where research related to environmental pollution biomonitoring is conducted.

Industry and agencies seek scientists with project management skills, and graduates of this program will be in high demand.

### MASTER 2 | 60 CREDITS ECTS

- Sustainable development – ethics
- Ligerian ecology
- Ecology and biodiversity
- Environmental law
- Geographic information system
- Urban ecology
- Environmental pollution biomonitoring
- Professionnal insertion
- Français/english
- Internship: 4 to 6 months in France or abroad

### THEY TRUST US:

Lactalis (France), Institut Paris Région (France), CIRMF primatology center (Gabon), Fish & Wildlife Service (USA), COVED (France), Nature Conservancy (Canada), United Nations Environment Program Paris (France), University of Uppsala (Sweden), Veolia Water PPS (USA)...

### SPECIFICITY:

Initial or continuous training

## EXAMPLES OF INTERNSHIPS

- Development of new internal Corporate Social Responsibility (CSR) data reporting tools and implementation of communication elements supporting CSR initiatives (Laval, France)
- Co-integration of human health and biodiversity preservations in public policies (Paris, France)
- Link between social status, reproductive success and matrilineal line in the female mandrill (*Mandrillus sphinx*) within the mandrill colony of the CIRMF primatology center in Gabon
- Improvement of the recycling centers performance (Tours, France)



### Contact

Africa & North America:

Asia:

Africa, Latin America & Europe:

[jrobin@uco.fr](mailto:jrobin@uco.fr)

[gduong@uco.fr](mailto:gduong@uco.fr)

[cbadouet@uco.fr](mailto:cbadouet@uco.fr)

[uco.fr](http://uco.fr)

