

MSc Agrosociences, Environment,  
Territory, Landscape, Forests

# FORESTS AND THEIR ENVIRONMENT (FEN)



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Join AgroParisTech and shape the future of Forest Science at one of the world's oldest institutions in forestry.

You will get a Master of Science in a 1 year intensive program combining 5 months of course-based learning with a 6 month professional- or research-oriented internship. The MSc has a research-driven approach to the understanding and management of forest socio-ecosystems in the context of climate change.

## OBJECTIVES

The Forests and their Environment MSc provides the knowledge to understand the functioning and dynamics of temperate forests and skills required to address the challenges posed by the changing environments and social pressures facing forest and natural resource management.

## CAREER OPPORTUNITIES

The MSc program provides both professional- and research-based skills allowing students to pursue a career either in academia (as a PhD candidate) or in institutions focusing on the management of forests and natural resources (private or public, national or international).



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Area of employment : Research institutes and universities, Engineer in R&D, Consulting companies, Forest industries, NGOs, Governmental agencies.



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# THE NANCY FORESTRY SCHOOL, NOW AN AGROPARISTECH CAMPUS : 200 YEARS OF EXCELLENCE !



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## MSc FEN : TEACHING APPROACH

FEN is a Masters' degree jointly accredited by AgroParisTech and the University of Lorraine. You will join the 2nd year of the MSc, where all lessons are taught in English. FEN relies on the AgroParisTech national and international network, allowing the participation of top researchers in teaching and academic projects.

The academic organization of the MSc FEN comprises three components : knowledge, tools and methods, and training. They are organized over 2 semesters.



### 1<sup>ST</sup> SEMESTER : COURSES & PROJECTS

#### FUNDAMENTAL AND APPLIED KNOWLEDGE

- ✓ Introduction to forest economy and ecosystem services
- ✓ Dynamics of forest plant and tree communities
- ✓ Understanding tree structure and functions
- ✓ Biogeochemical cycles in forest ecosystems
- ✓ Forests and forestry in a context of global change
- ✓ Temperate forest silviculture and industry



### TOOLS AND METHODS

- ✓ Managing collective innovation projects
- ✓ Advanced statistics
- ✓ GIS for forest science and forest ecology
- ✓ Models for forest research and management
- ✓ 5 weeks of research or professional project : an interdisciplinary approach



### 2<sup>ND</sup> SEMESTER : TRAINING

- ✓ 5-6 months research- or professional- oriented internship
- ✓ Conducted in forestry or environment fields, research laboratory, public organisation, private company, NGOs
- ✓ Leading to a written MSc thesis and defense in front of a Jury



### LOCATION

AgroParisTech, Nancy campus.  
Université de Lorraine (UL)



### HEADS OF THE PROGRAMME

Paulina Pinto (AgroParisTech)  
and Pierrick Priault (UL)

### CONTACT

[masteraetpf-nancy@agroparistech.fr](mailto:masteraetpf-nancy@agroparistech.fr)

### ADMISSION REQUIREMENTS

4 years in higher education :  
BSc in 4 years or Engineering degree  
MSc (at least 1 year completed)

### TIMELINE

#### APPLICATION

Open : March 25th  
Close : May 31st

#### START OF THE ACADEMIC YEAR

September 1st

### COSTS

250€ for European students  
3770€ for non-European students

TO APPLY  
MSc FEN



UNIVERSITÉ  
DE LORRAINE

INRAE

Silva

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Bureau  
d'économie  
théorique  
et appliquée

BEF  
Bureau  
des  
Ecosystèmes  
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