

## Practical information

### Admission

Apply on the dedicated online platform:  
<https://www.universite-paris-saclay.fr/admission/etre-candidat-un-master-paris-saclay>

### Period of application:

JANUARY THROUGH SEPTEMBER

### Location of classes:

Guyancourt

### Directors of the programme:

Julien JUMELET - [julien.jumelet@latmos.ipsl.fr](mailto:julien.jumelet@latmos.ipsl.fr)  
Jan BORM - [jan.borm@uvsq.fr](mailto:jan.borm@uvsq.fr)

### Contact pedagogical secratariat:

[scolarite.ovsq@uvsq.fr](mailto:scolarite.ovsq@uvsq.fr)



## Master 2

Sciences de la Terre et des Planètes,  
Environnement (STePE)

Science de la Durabilité

# Arctic Studies

## Objectives

The objective of the Master is to:

- + Help future decision-makers and facilitators working in the Arctic or in relation to the Arctic to develop integrated analysis tools thanks to a thorough knowledge of the fragile balance between ecosystems and the human ecology of the Arctic;
- + Give students interested in research the opportunity to develop a project that will be pursued in the form of a doctoral thesis after validation of the Master.

## Skills

After their Master, students are able to make use of key skills:

- + Master and use in depth the specialized knowledge of the Arctic;
- + Mobilize methodological, technical and practical skills useful for solving problems in environmental and Humanities;
- + Conceptualize, structure and lead a project;
- + Learn and act independently;
- + Work as a team and collaborate to achieve common goals;
- + Synthesize and communicate effectively in English and in a way adapted to the intended audience.

## Professional opportunities

The Arctic Studies program trains Arctic researchers in the disciplines of science (environmental sciences and climatology in particular) and Human and Social science (anthropology, history, literary and cultural studies, international relations, responsible development etc.), experts and scientists. Arctic decision-makers able to steer the process of expertise, facilitation and governance, using a method of eco-efficiency and integrated global performance (environmental, economic and social), identifying and to remove barriers to environmentally and ecologically sound development in an Arctic context.

## Admission

Applicants must have:

- + Proficient level in English: 4-year bachelor, master degree, MBA (Equis), PhD High Schools of Engineering and Science High Schools of Business;
- + A good level of English;
- + A professional project consistent with the objectives of the Master

## Courses

### Mobiliser et produire des savoirs hautement spécialisés en sciences de la durabilité

UE libre

Environmental Science for the Arctic

Arctic travel literature

Physical Sciences of the Earth

Arctic Geography

Initiation to French language and culture OR optional course

### Contribuer à la transformation en contexte professionnel de mise en œuvre des principes de durabilité

Initiation to Observation Methodologies

### Analyser des problématiques de durabilité (à partir de différentes disciplines et différentes échelles spatiales)

Sustainability Sciences : ethic/epistemic/esthetic dimensions; action and method)

Arctic anthropology

Arctic geopolitics

Climatic system

### Elaborer des solutions et des préconisations répondant à des objectifs de développement durable

Sustainability Sciences : action and method)

Arctic Climate and Meteorology

### Gérer des projets dans le domaine du développement durable dans un contexte international et muticulturel

Arctic Societies

Conference cycle

Internship

### Mettre en œuvre une communication spécialisée pour le transfert de connaissances (dans un domaine lié à la durabilité)

Scientific Writing (English or French)