

## Our university

**14**  
INSTITUTIONS

7 RESEARCH  
ORGANISATIONS  
7 HIGHER EDUCATION  
INSTITUTIONS

**65,000**  
STUDENTS

9000 MASTER'S  
STUDENTS

**4,600**  
PHD STUDENTS

20 DOCTORAL  
SCHOOLS

**275**  
LABORATORIES

10 RESEARCH  
DEPARTMENTS

**9,000**

RESEARCHERS AND RESEARCH  
PROFESSORS

## Basic Sciences

### Mathematics and Applications

-  M2 – Analysis, Arithmetic, Geometry
-  M2 – Data Sciences
-  M2 – Data Sciences : Health, Insurance and Finances
-  M2 – Mathematics of Randomness
-  M2 – Mathematics, Vision, Learning
- M2 – Optimization

### Earth and Planetary Sciences, Environment

- M1 – STEPE - Sciences pour les Défis de l'Environnement/  
Sciences for Environmental Challenges
- M2 – Transition management, Ecology and Society
- M2 – Climate, Environment, Applications and Research  
– Arctic Studies
-  M2 – Climate, Environment, Applications and Research  
– Climate-Environment Interaction and Remote Sensing
- M2 – Climate, Environment, Applications and Research  
– Water, Air, Pollution and Energy

### Chemistry

-  M1 – Chemistry - International Track
-  M1 – Chemistry
-  M2 – Physical Chemistry : Instruments, Concepts and Applications
-  M2 – Industrial and Medical Applications of Radiations

### Physics

- M1 – General Physics
-  M1 – High Energy Physics
-  M1 – Molecular Nano-biophotonics for Telecommunication  
and Biotechnologies
-  M1 – Physics
- M2 – Fundamental Physics
- M2 – Large Scale Facilities
- M2 – High Energy Physics
-  M2 – Laser Optic and Matter
- M2 – Nuclear Physics, Particle Physics,  
Astroparticles and Cosmology
-  M2 – Complex Systems



## Biology, Medicine and Pharmacy

### Life Sciences and Health

-  M1 – GMCB
-  M1 – Fundamental Microbiology
-  M1 – Plant Sciences
-  M1 – Biology - Health
- M1 – Life Sciences and Health - International Track - France
- M1 – Life Sciences and Health - International Track - Tissue,  
Cell and Gene Biotherapies
- M2 – Microbiology & Biological Engineering
- M2 – Predictive & Integrative Animal Biology
-  M2 – Reproduction and Development
-  M2 – Plant Sciences
- M2 – Systems & Synthetic Biology
- M2 – Biologie Cellulaire et Développement / Gene Cell  
Development
-  M2 – Biology of Aging
-  M2 – Endocrinology and Metabolism
-  M2 – Fundamental Microbiology
-  M2 – Microbiology : Microbiota, Pathogenic Agents  
and Anti-infective Therapies
-  M2 – Host-graft Relationship
-  M2 – Tissue, Cell and Gene Biotherapies / Biothérapies  
Tissulaires, Cellulaires et Géniques

### Pharmaceutical Science

-  M2 – Pharmaceutical Marketing
-  M2 – International Development and Registration  
of Pharmaceuticals and Other Products
-  M2 – Pharmaceutical Technology - Biopharmacy

### Public Health

-  M2 – Public Health Research
-  M2 – Methodology of Interventions in Public Health
-  M2 – Public Health and Environmental Risks



## Biodiversity, Agriculture and Food, Society, Environment

### Environmental, Energy and Transport Economics

-  M2 – Energy Economics
-  M2 – Environment Economics
-  M2 – Prospective Modeling : Economy, Energy, Environment

### Nutrition and Food Science

-  M1 – FIPDes (Food Innovation and Product Design)
-  M2 – Food Innovation and Product Design
-  M2 – Product and Process Engineering
-  M2 – Nutrition & Health

### Agrosociences, Environment, Territory, Landscape, Forest

-  M2 – Climate, Land Use, Ecosystem Services



## Engineering, Information Science and Technology

### Bioinformatics

- M2 – Genomics Informatics and Mathematics for Health and Environment

### Computer Science

-  M1 – HCID - EIT Digital
-  M1 – Computing - International Track
-  M1 – Computing - Voie Jacques Herbrand - ENS Paris Saclay
-  M1 – Computing - Voie Jacques Herbrand - X
- M2 – Interaction - Human Computer Interaction
- M2 – Réseaux de Communications Avancés - Advanced Communication Networks
- M2 – Data & Knowledge
-  M2 – Design and Control of Mission Critical Systems
-  M2 – HCID - EIT Digital
- M2 – Informatique pour les Réseaux de Communication - Computer Science for Communication Networks
-  M2 – Modèles et Technologies pour le Décisionnel - Decision Support and Business Intelligence

### Electrical and Control Engineering (E3A)

-  M1 – International Track
-  M1 – Voie André Ampère - IOGS
- M2 – Optical Networks & Photonic Systems
- M2 – Smart Aerospace & Autonomous Systems
-  M2 – Advanced Wireless Communication and Systems
-  M2 – Nanosciences
- M2 – Multimedia Networking
-  M2 – Virtual Reality and Smart Systems

### Energy

-  M1 – Energy International Track
-  M2 – Maritime Engineering : Transport Systems and Offshore Energies
-  M2 – Renewable Energy, Science and Technology

### Materials Science and Engineering

-  M1 – Advanced Materials Engineering
-  M2 – Advanced Materials in Innovation

### Mechanics

-  M1 – Mechanics- International Track
- M2 – Modeling of Multiphysics Multiscale Materials and Structures
-  M2 – Acoustical Engineering
-  M2 – Biomechanical Engineering
- M2 – Fluid Mechanics

## Nuclear Energy

-  M1 – Chemistry and Chemical Engineering
-  M1 – Physics & Engineering
-  M2 – Decommissioning and Waste Management Operations
-  M2 – Nuclear Reactor Physics and Engineering
-  M2 – Nuclear Plant and Design
-  M2 – Fuel Cycle
-  M2 – Operations of Nuclear Plant



## Law and Political Science

### International and European Law

-  M2 – Diplomacy and Strategic Negotiation
-  M2 – Human Rights and Humanitarian Law

### Business Law

-  M1 – Corporate Lawyer
-  M2 – Merges & Acquisitions
-  M2 – Corporate Lawyer - Sandwich Courses



## Social Sciences

### Social Sciences

-  M2 – Adapting to Climate Changes : Sustainable Development and Environment
- M2 – Environnement, Development and Culture - Sustainable Development and Society

### Innovation, Enterprise and Society

-  M1 – Innovation, Entreprise and Society – Voie Shs-Ead
-  M2 – Eco-innovation, Sustainable Development and Society
-  M2 – Network Industries and Digital Economy
-  M2 – Intangible Asset Management

### Economics

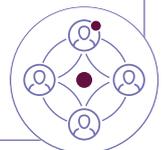
-  M1 – Economy
-  M2 – Economy

### Finance

- M2 – Risk & Asset Management

### Strategic Management

-  M1 – Management Sciences
-  M1 – Strategy & Organisation
-  M2 – International Strategy and Management



## Sports Sciences and Human Movement

### Human Movement & Sport Sciences

-  M2 – Psychology, Motor Control and Sports Performance

### Human Movement & Sport Sciences : Engineering and Ergonomics

-  M2 – Engineering and Human Movement



### Légende

-  International Master : This master's program offers additional services. These programs require additional tuition fees in addition to the mandatory fees
-  Master taught in both English and French