

A science mediator working in various fields

The scientific mediator works in public or private organisations. For example, within Universcience (Cité des Sciences, Palais de la découverte), the scientific mediator designs mediation products in the fields of Life and Environment and science in general, implements them and participates in their dissemination. They propose forms of mediation (oral, written, museographic,...) adapted to the target audience (children, teenagers).

Within their structure, the mediator designs scientific workshops, organizes science mediation events and more generally, organizes many activities related to scientific promotion.

Students are trained to work in:

- Universities, Scientific and Technological Public Institutions: CNRS, IRD, INRA, IRSTEA, INSERM...
- Industrial and commercial public establishments: ADEME, ANDRA,
- CEA, ONF, ONCFS, AFB,
- Local and regional authorities, impact studies offices, networks of natural areas, museums, CCSTI, conservatories and parks
- Large companies
- Associations

Candidates with a scientific profile

The first year is open to holders of a degree in Science and Technology or Geography. A direct access to the SIEM programme in the second year is possible for holders of an M1 with a mention considered compatible and the acquisition of the skills developed in the M1 SIEM or students who have already acquired an M2 or a doctorate.

In all cases, access is subject to selection (on record and interview) considering the limited capacity of the programme.

A pluridisciplinary teaching team

To train our scientific students in mediation, we will seek skills in other disciplinary fields, sociology, communication, didactics, psychology and actors from the professional world, journalists, mediators, trainers, lawyers.

Priority is given to the development of skills and knowledge related to the modes of knowledge transmission, the conditions under which science learning takes place, the necessary mediation activity between specialized speech and common language.

master's degree coordinator

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Scientific and Technical Information and Mediation Master

Scientific Information and Environmental Mediation Programme



Another way of doing science

<https://www.etudiants-mediation-scientifique.com/>



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Purpose of Scientific Information and Environmental Mediation programme

The scientific mediator facilitates the emergence of processes aimed at developing "border-crossing" postures between scientists and civil society actors, companies and local authorities.

These high-level professionals have a responsibility to disclose scientific knowledge, to make it accessible to a wide public, while respecting the controversies that animate this environment and avoiding any reductionism. An important aspect of the formation is the analysis of conflicts in the field of the environment, the ways to anticipate them and to participate in their resolution.



Content of SIEM programme:

The knowledge acquired by the graduate covers the 6 main themes of mediation:

Common core with the Technology and Innovation Monitoring programme :

- English, Project management, Knowledge of the professional and academic environment of mediation
- Statistics, investigation methodology and investigation processing
- Information gathering, communication

SIEM programme :

- Sociology of science,
- Epistemology of new technologies,
- Mediation, Mediation tools (website creation, blog, image and sound technics)
- Museum mediation and heritage
- Journalistic information
- Ecology and society
- Analysis of contemporary conflicts, social psychology and law
- Conflict management
- Didactic



Our partners within the formation

The Master's degree is based on research teams in the 3 founding fields of the STIM Master's degree: Environmental Sciences, Information and Communication Sciences and Educational Sciences: UMR AMU-CNRS-IRD IMBE, UMR AMU-IRD LPED, UMS "OSU-Pythéas", UMR AMU-CNRS LAM, UMR AMU-IRSTEA RECOVER, IRSIC, SFERE and the Espace Culture Scientifique de l'UFR Sciences. Many structures are our daily partners, the Regional Water House, the CPIE of la Ciotat, Les Petits débrouillards, the Natural History Museum of Marseille, Electricité de France, the departmental fishing federations, the Calanques National Park and the French Biodiversity Agency.



Skills in didactics, communication, information

Within the formation, the graduate of the STIM-SIEM master's degree:

- Deploys a mediation project: Leads a collaborative project: sets up teams, monitors achievements, exchange times, final feedback;
- Designs and develops a training program for employees or trainers;
- Implement and lead training actions taking into account the specificities of animation and support;
- Supports the individual and the collective by facilitating exchanges in the presence and at a distance, by providing tools for action, by following experiments and innovations implemented.
- Recognizes that the environment is a scientific, historical, cultural and social challenge that is invested with multiple uses, imaginary and affects: that it is the subject of disputes and has become a political space.
- Is able to search for scientific argumentation and make it accessible to respond to requests using different digital tools.



A project-oriented pedagogy

Every year, M2 year students organise a conference in partnership with the University's Sustainable Development Department. Also in partnership with the IRD and Radio Grenouille, the students conduct radio interviews, they participate in the Researchers' Night at the Science Festival with the University's scientific culture area.

Students participate in the Regional Conferences on Biodiversity & Health-Environment and in numerous conferences on the environment (OHM BMP, Piscicultures...)

