Master Sciences de la Terre et des planètes, environnement
(ST301) Advanced topics in Geosciences

Aller sur le site de l'offre de formation...

Informations

Composante : Observatoire des Sciences de l'Univers - Pythéas (OSU)
Nombre de crédits :

Responsable

Vincent GODARD

Langue(s) d'enseignement

Anglais

Contenu

The students will we have to choose 9 topics out of the following list :

Paleoceanography

Meteorites and Impact Processes in the Solar System

Continental Quaternary Paleoenvironment

Planetary Magnetic Fields

Ice Core Records and Glaciers Evolution

Active Tectonics and Paleoseismology

Glaciers Dynamics and Sea Level

Tectonic and Climatic Influences on Landscape Evolution

Interaction Between Climate and Ecosystems

River Deltas in the Anthropocene and the Future Outlook

Past Water Cycle and Vegetation Dynamics

Erosion of Continental Surfaces, Soil Ressources and Anthropization

Compétences à acquérir

1 - Build and structure a cultural background in Earth sciences that enables to respond to cross-disciplinary Earth science issues, drawing on knowledge from fundamental disciplines.

2 - Develop a scientific approach to answer a question by methodically observing natural objects in the field or laboratory, and by processing and critically interpreting data

3 - Give a structured oral or written presentation of scientific knowledge or work, mastering and using (in French and English) an Earth science vocabulary suited to the target audience - scientists, the general public, industry and local authorities.

Pré-requis obligatoires

Master level in Geosciences

VOLUME HORAIRE

- Volume total: 90 heures
- Cours magistraux: 30 heures
- Travaux dirigés: 60 heures

Codes Apogée

- LSTCU16 [ELP]
- LSTCU16A [ELP]

Pour plus d'informations

Dernière modification le 10/06/2024