

Master Sciences de la Terre et des planètes, environnement (ST303) Quaternary geochronology

Informations

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

Responsable

Lionel SIAME

Langue(s) d'enseignement

Anglais

Contenu

This module presents the various radiochronometers and isotopic tracers used in environmental geosciences, as well as the significant advancements they have enabled in understanding Earth's dynamics at the Quaternary scale. Cosmogenic nuclides; Carbon-14; Uranium series.

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

Basic concepts in environmental geochemistry

Prérequis recommandés

Basic concepts in environmental geochemistry

VOLUME HORAIRE

- Volume total: 30 heures
- Cours magistraux: 15 heures
- Travaux dirigés: 15 heures

Codes Apogée

- LSTCU19 [ELP]
- LSTCU19A [ELP]

Pour plus d'informations

[Aller sur le site de l'offre de formation...](#)



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