

Master Sciences de la Terre et des planètes, environnement (ST302b) Faults from the outcrop to the plate boundary

Responsables	Descriptions	Informations
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LANGUE(S) D'ENSEIGNEMENT

Anglais

CONTENU

General introduction, major earthquakes - Fault mechanics and seismic cycle - Fault systems and fault interactions - Seismic Hazard and seismic history: Tectonic Geomorphology and Paleoseismology - Tectonic forcing and plate boundaries

COMPÉTENCES À ACQUÉRIR

- 1.1 Building and structuring a cultural background in Earth sciences
- 1.5 Use the tools of geology, biology, mathematics, chemistry, physics, statistics and computer science to solve Earth science problems.
- 2.1 Formulate scientific questions and/or develop them based on knowledge of Earth sciences or observation of geological objects.
- 2.5 Analyze, interpret, synthesize and model information or geological data for use in Earth sciences
- 3.2 Reading and extracting information from documentary sources in English for use in earth sciences
- 4.3 Careful and accurate reporting of earth science work

PRÉ-REQUIS OBLIGATOIRES

Bachelor-level concepts in geomorphology, tectonics, geodynamics and tectonophysics

VOLUME HORAIRE

- Volume total: 30 heures
- Cours magistraux: 9 heures
- Travaux dirigés: 15 heures
- Travaux pratiques: 6 heures

CODES APOGÉE

- LSTCU18 [ELP]
- LSTCU18A [ELP]

M3C

Aucune donnée M3C trouvée

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