


UE Novel analysis methods in geochemistry & mineralogy

 ECTS
6 credits

 Component
UFR PhITEM
(physique,
ingénierie, terre,
environnement,
mécanique)

 Semester
Automne

- > **Teaching language(s):** English, French
- > **Open to exchange students:** Yes
- > **Code d'export Apogée:** PAX7GRAC

Presentation

Description

Apply novel mineralogy and geochemistry analysis tools to geomaterials in the environment. Coupled chemical, structural, morphological and isotopic modern analytical methods for characterization of mineral phases. Introduction to hyperspectral imaging by combining spectroscopies and scanning microscopies.

Course parts

UE Novel analysis methods in geochemistry & mineralogy - TD	Tutorials (TD)	21h
UE Novel analysis methods in geochemistry & mineralogy - CM/TD	Lectures (CM) & Teaching Unit (UE)	21h

Recommended prerequisites

Physics & Chemistry for Earth Sciences; data visualization & analysis using graphical.

scientific software. **Teaching languages:** French and English (slides).

Useful info

Campus

› [Grenoble - University campus](#)