

Analytical techniques for the study of geomaterials (XRPD, SEM-EDS, TGA)

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12 hours - 3 CFU

Short Program of the Course:

- X-ray Diffractometry - 4 hrs.
- Scanning electron microscopy (SEM) and EDS micronalysis - 2 hours
- Thermal Analysis - 2 hours
- Preparation and acquisition of XRPD analysis of geomaterials. Use of specific software (High Score Plus, Panalytical) - 4 hours

Prerequisites: Basic knowledge of mineralogy