

Syllabus 2022-2023

Teacher (name and affiliation)	Sergio Andò (UNIMIB, Dep. Earth and Environmental Sciences) Alberto Resentini (UNIMIB, Dep. Earth and Environmental Sciences)
Title	Provenance analysis: how to integrate single grain and bulk techniques
Language	<i>English</i>
CFU	2
Hours	16
Program	<p><i>Integration of advanced techniques in sedimentary petrography to: reconstruct source-to-sink systems, characterize extreme events deposits, explore unconventional oil and gas reservoirs, complement single heavy mineral analysis (i.e. geochronological data).</i></p> <p><i>Detailed contents:</i></p> <ol style="list-style-type: none"> 1) <i>Sampling techniques.</i> 2) <i>Laboratory procedures.</i> 3) <i>Data collection (microscope and Raman).</i> 4) <i>Data evaluation and interpretation</i> 5) <i>Data visualization and statistics.</i>
Evaluation: YES/NO	<i>NO</i>
Calendar	<i>I semester</i>