



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### **Provenance Analysis: How to Integrate Single Grain and Bulk Techniques (Curricular - Geology)**

2223-94R-SCGA19

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#### **Title**

Provenance analysis: how to integrate single grain and bulk techniques

#### **Teacher(s)**

Sergio Andò ; Alberto Resentini

#### **Language**

English

#### **Short description**

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).

Detailed contents:

1) Sampling techniques.

- 2) Laboratory procedures.
- 3) Data collection (microscope and Raman).
- 4) Data evaluation and interpretation
- 5) Data visualization and statistics.

Evaluation: NO

### **CFU / Hours**

2 CFU - 16 Hours (Lecture)

### **Teaching period**

I semester

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