



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Field Geology and Mapping

2324-2-E3401Q036-E3401Q051M

---

#### Aims

Recognition of geometry and compositional characters of geological bodies, and their description in the field.

#### Contents

Introduction to field geology and mapping.

#### Detailed program

Field geology techniques: Description and classification of sedimentary, igneous and metamorphic rocks in the field. Quaternary deposits. Compass and basic stereonet techniques. Plotting contacts on base maps. Stratigraphic polarity in deformed successions. Stratigraphic problems. Data collection and making standard geological maps. Stratigraphic logs and geological cross-sections from field data. Preparing geologic reports.

Field work: Two daily field excursions aimed at the recognition and mapping of sedimentary covers and crystalline basements.

#### Prerequisites

Having obtained 1 cfu relating to the Safety Course in the field

## **Teaching form**

Lessons

Field work (two daily field excursion)

## **Textbook and teaching resource**

Notes provided by the lecturers

## **Semester**

second semester

## **Assessment method**

There are no *in itinere* tests. For the exam, refer to the syllabus of the course E3401Q036 Field Geology and Mapping.

## **Office hours**

Website: [www.disat.unimib.it](http://www.disat.unimib.it) in teaching area you can find information about teachers cv, telephone number, University room or other place of work, office hours and e-mail.

## **Sustainable Development Goals**

QUALITY EDUCATION

---