UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Geological Mapping I

2425-2-E3401Q036-E3401Q052M

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

Classroom exercises: resolution of stratimetry problems, drawing of interpretive geological maps and cross-sections, application of stereographic projection techniques.
Field work: Two daily field excursions aimed at the recognition and mapping of sedimentary covers and crystalline basements.
Geological mapping I: Six full days of geological field survey, during which small groups of students (ca 15 students each teacher) will apply the basic field geology techniques to produce geological maps, cross-sections and illustratory notes in geologically simple areas of the Alps-Apennines system.

Prerequisites

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

Teaching form

6 two-hour practical classes, in person, Interactive Teaching
2 six-hour field activities, in person, Interactive Teaching
1 geological field survey, forty-eight-hour (six-full-day), in person, Interactive Teaching

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 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