



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Geological Mapping 2

2122-3-E3401Q010

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#### Aims

To prepare students to face geological surveys and cartography in areas characterised by complex structural settings.

#### Contents

The course consists of six full days of geological field survey, during which small groups of students, together with their teacher, learn the techniques of geological and structural field mapping. This will be done on geological units of the bedrock (cover and basement rocks) characterized by complex deformations. Mapping of surface deposits is also carried out.

#### Detailed program

The course is aimed at teaching advanced techniques for geological field mapping, with particular reference to geological and structural aspects. Each student will have to map geological units of any type (sedimentary cover, crystalline basement volcanic and surface deposits), affected by complex deformations. Field surveys will preferentially consider selected areas from the Alps or the Apennines, with the possibility also of foreign areas.

#### Prerequisites

Structural geology, Field geology and mapping, Principles of geology.

## **Teaching form**

Field geological mapping, implementation of presentations and reports based on collected data.

## **Textbook and teaching resource**

Scientific papers, topographic maps, geological maps, etc.

## **Semester**

Summer, between the end of June and the first part of September.

## **Assessment method**

Evaluation of fieldwork, oral presentation, and personal written report. Guidelines are available for the preparation of the final report.

## **Office hours**

All days in office hours or by appointment fixed by email.

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