

## SYLLABUS DEL CORSO

### Didattica della Geologia

2021-1-F7501Q093-F7501Q107M

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#### Aims

Specific objectives

1. Identify the key topics of Geology;
2. make the logical connections between the arguments;
3. identify the essential notions and the methods of reasoning.

#### Contents

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- The “deep” time. Relative and absolute ages
- Elements of Italian geology
- Exogenous processes
- Hydrological cycle
- Groundwater e surface water
- Interactions between water and human activity

#### Detailed program

The module will deal with the main topics of Geology, focusing more on the contents than on teaching methods for

knowledge transfer.

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The main exogenous processes that shape the surface of the earth, the key elements of the hydrological cycle, the relationship between groundwater and surface waters and their interactions with human activities.

The laboratory activities include practical experiences and group discussion work on proposed topics aimed at developing critical, logical and conceptual links (cartography laboratory with Google Earth, which will provide students with the ability to orient themselves and recognize geological aspects, Petrography laboratory, which will provide students with the ability to distinguish between minerals and rocks , laboratory on the territory to contextualize theoretical geology to the experience of students.

## **Prerequisites**

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## **Teaching form**

The lectures will be online following the normal teaching hours of the lessons. In addition, the lectures will be recorded.

The laboratory, with active teaching methods, will be in the classroom and online

## **Textbook and teaching resource**

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## **Semester**

Second semester

## **Assessment method**

Presentation of the educational project

## Office hours

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