

Course offered for the STAT PhD program starting from a.y. 2022/2023

TITLE	Applied Micromorphology
Lecturer	Ivano Rellini
Duration and Credits	5 CFU
Course description	Micromorphology is the branch of earth science that describe, interprets the components, features and fabrics of soil, regolith material at the microscopic and submicroscopic levels. The aim of the course is to provide the students with the fundamental knowledge of the micromorphology to solve problems related to soil genesis, classification, management, including soil and sediment characterization in paleopedology and archeology. The first step in this process is identification of the components and analysis of the fabric, followed by its description. The next, most important step is the interpretation of the observations. This course intends to be a help in reaching this purpose. The student must have acquired preliminary knowledge of pedology and microscopy.
Course organization	Frontal lessons and practical activity (microscopy laboratory)
Teaching period	May-June