



BACHELOR (LT) DEGREE COURSE IN
EARTH AND CLIMATE DYNAMICS

Study programme for students enrolled in the academic year 2025-2026- entirely held in English

1st YEAR	
MANDATORY UNITS	CREDITS
MATHEMATICS	13
PHYSICS	8
CHEMISTRY	8
GEOLOGY AND PALEONTOLOGY	11
MINERALOGY AND PETROLOGY	11
DYNAMICS OF HYDROSPHERE, ATMOSPHERE AND EARTH'S SURFACE	12
2nd YEAR	
MANDATORY UNITS	CREDITS
STRUCTURAL GEOLOGY AND EARTH'S GEODYNAMICS	11
PALEOCLIMATOLOGY, CLIMATOLOGY AND CLIMATE MODELS	12
METHODS FOR EARTH OBSERVATIONS AND DATA MANAGEMENT	7
FIELD MONITORING AND THEMATIC MAPPING	10
GEORESOURCES AND SUSTAINABILITY	10
SOIL SYSTEM SCIENCE	6
GEOCHEMISTRY OF EARTH SYSTEM	8
3rd YEAR	
MANDATORY UNITS	CREDITS
GLOBAL IMPACTS OF MASS MOVEMENTS	6
FLUVIAL SYSTEMS AND EXTREME EVENTS	8
ECOSYSTEMS UNDER CLIMATE CHANGES	6
GEOHAZARDS AND RISK ANALYSIS	8
EVOLUTION OF COASTAL SYSTEMS	6

ADDITIONAL FREE-CHOICE CREDITS	12
INTERNSHIP/STAGE	3
FINAL THESIS/DISSERTATION	4

ANY FURTHER NOTES

Attendance is mandatory according to the didactic regulation.
Free-choice credits can be chosen among the university's educational offer as long as they are consistent with the educational path.