Syllabus 2022-2023

Teacher (name and affiliation)	Pietro Sternai (UNIMIB, Dep. Earth and Environmental Sciences)
Title	Introduction to geodynamic and landscape evolution numerical modeling
Language	*English*
CFU	*2*
Hours	*20*
Program	*The course will focus on the solution of the momentum, continuity, energy, stream power and diffusion equations based on the finite differences approach. The objective is to learn how to develop simple geodynamic and landscape evolution numerical models that can be applied to a wide range of disciplines within the Earth Sciences. Numerical models will be developed using MATLAB or other programming softwares.*
Evaluation: YES/NO	*YES*
Calendar	*I semester*