

Earthquake Geology

Prof . Luigi Ferranti

12 hours – 3 CFU

Short Program of the Course:

- Mechanics of earthquakes and faulting – 3 hours
- Active and seismogenic faults, paleo-earthquakes - 3 hours
- The seismic and deformation cycle – 3 hours
- Seismotectonics and earthquake geology (global and national examples) – 3 hours

Prerequisites: Basic knowledge of Structural Geology, Tectonics, Geomorphology and Solid Earth Geophysics