

Course offered for the STAT PhD program starting from a.y. 2020/2021

TITLE	Urban geomorphology. Landforms and Processes in Cities
Main Lecturer	Francesco Faccini (RTI)
Duration and Credits	3 CFU
Course description	<p>Urban Geomorphology looks at anthropogenic modifications of urban landscapes. In cities, human activities have progressively transformed the original natural landscape into an anthropogenic one.</p> <p>Urban Geomorphology contributes to: i) understanding the influence of urban expansion on geomorphological processes; ii) tracking links with natural hazards; iii) understanding and assessing geosites and geoheritage.</p> <p>In addition to traditional geomorphological survey techniques (field observations, photo-interpretation and use of Digital Terrain Models), the multidisciplinary approach involves the use of GIS platform for a multitemporal cartographic comparison and boreholes/wells stratigraphy database.</p> <p>Basic knowledge of general and thematic cartography, geology and geomorphology is required.</p>
Course organization	combination of frontal lessons (1 CFU), practical (1 CFU) and field activity (1 CFU).
Teaching period	April-May