

Course offered for the STAT PhD program starting from a.y. 2019/2020

TITLE	<b>Sampling design and strategies for monitoring terrestrial ecosystems</b>
Lecturer	Paolo Giordani
Duration and Credits	4 CFU, 8 lessons scheduled in ca. 2 months
Course description	The course aims to provide the methodological tools for a correct analysis of ecological systems and environmental monitoring, with particular attention to issues related to the experimental design of sampling in the field. The topics of modeling and representation of ecological-environmental data are also addressed, with references to environmental information systems. Basic knowledge on statistics applied to biological research is required.
Course organization	The course will include frontal lessons and group exercises, based on the simulation of the planning of ecosystem monitoring campaigns.
Teaching period	March-April