

Course offered for the STAT PhD program

TITLE	Plant Biodiversity and Global Change
Lecturer	Gabriele Casazza
Duration and Credits	16 hours – 2 CFU
Course description	Global change is expected to be one of the main threats for biodiversity, posing one of the major challenges that humanity faces. Although over the Earth's history the environment has always changed with ecosystems and species diversity increasing and decreasing, the rapid changes we are facing prevent them to adapt or to move fast enough to keep pace with the changes, increasing biodiversity loss. In this course students learn about the patterns and processes affecting biological diversity of plants, and how plants respond to environmental change. The students will understand the effects of past and future changes and will acquire skill in the methods used to project the effect of change on the biodiversity. Therefore, the course allows students to get up-to-date with current knowledge and skills in biodiversity and global change research.
Course organization	This course consists of frontal lessons
Teaching period	February - March