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

TITLE	***Principles of Conservation Translocation of Living Organisms and Ecological Restoration***
Lecturer	Prof. Mauro Mariotti (PO – Environmental and Applied Botany, BIO/03; DISTAV, UNIGE)
Duration and Credits	16 hours, 4 CFU
Course description	Translocation (T) is the deliberate moving of plants (or their propagules) or animals from one location to another location in the wild in order to mitigate threats and assist in the recovery of the species. Ecological restoration (ER) is the process of repairing sites in nature whose biological communities and ecosystems have been degraded or destroyed. The course is divided in two parts. Part 1st: 1) Definitions of T; 2) Benefits and risks of T 3) Pre-T assessment and planning; 4) T methodology and technique (focused moreover on plant translocation); 5) Preparing a T proposal or project; 6) Post-T monitoring, management and evaluation. Part 2nd: 1) Definitions of ER; 2) Suitability of ER; 3) Assessment of the degraded site; 4) ER planning; 5) Implementation of ER; 6) Examples of ER projects.
Course organization	the course will consist of class lessons and field exercise
Teaching period	June-September