

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

TITLE	BOTANY AND MYCOLOGY APPLIED TO AGRICULTURE AND ENVIRONMENT
Lecturer	Enrica Roccotiello (RTDa), Mirca Zotti (PA)
Duration and Credits	4 CFU (2 CFU Roccotiello, 2 CFU Zotti)
Course description	The course aims to give students the basic concepts regarding the applications of plants and fungi in agricultural and environmental contexts and to furnish a basic approach to study natural and contaminated (agro)ecosystems from a biologist point of view. Lectures address the main characteristics of biotic components (plants and fungi) in (agro)ecosystems and their responses to environmental conditions including abiotic and biotic stresses. Laboratory activities allow the students to gain experiences on the topics covered by the theoretical lectures.
Course organization	The course encompasses both lectures and laboratory activities. Lab activities integrate what discussed in classroom with direct observation and applied methodologies for plants and fungi.
Teaching period	October-November