

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

TITLE	Impact of pathogenic fungi in animal and plant life
Lecturer	Mirca Zotti (PA)
Co-Lecturer	Simone Di Piazza (Assegnista)
Duration and Credits	4 CFU (2CFU Di Piazza, 2CFU Zotti)
Course description	<p>Fungi are widespread organisms including a wide range of pathogenic symbionts. The course focuses on fungal pathogenic interactions with plants and animals, with an emphasis on understanding the fundamental disease concepts and causal agents. The economic importance, environmental consequences, and control methods are surveyed. The lectures also provide basic information about mycological laboratory knowledge and techniques.</p> <p>Finally, the basic mycological techniques to isolate, characterize and monitor fungal pathology are faced.</p>
Course organization	<p>The course covers theoretical and practical laboratory aspects. The laboratory activities provide practical demonstrations of common mycology techniques on how mycologists identify the culprit of an infection.</p>
Teaching period	September-October