

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

TITLE	Image analysis using ImageJ
Lecturer	Sara Ferrando
Duration and Credits	2 CFU (8 hours of class activity per student)
Course description	The course is an introduction to image analysis using the open-source software ImageJ. It provides student with tools to extract quantitative information from a digital image: measures, manual and automatic objects counting, color analysis, shape analysis, 3D reconstructions. Although several examples will be from microscopy and life sciences, the methods could be useful in analyzing digital images from virtually every source.
Course organization	The course will be practical, and the students will work at the computers following the lecturer and by themselves. The organization could change according to the number of students and to the availability of informatic room
Teaching period	Jan-Feb or Jun-Jul 2020 (2 class activities of 4 hours each)