



Bachelor’s degree in “Bioinformatics”

Schedule – Third Year First semester A.Y. 2018/2019

Classroom Psicologia II, Fisiologia Generale e Antropologia Farmacia e Medicina (CU026, E01PSIL084)

http://www.uniroma1.it/sites/default/files/PIANTA_LEGENDA_DEF_AGG_040414_1.pdf

Start date: October 1st – End date: December (before the Christmas Holidays)

	Monday	Tuesday	Wednesday	Thursday	Friday
9-10	Bioethics	Optimization methods for computational biology***	Bioethics	Plant functional genomics*****	Plant functional genomics*****
10-11					
11-12	Molecular biology and genomics		Molecular biology and genomics	Principles of general pathology*	
12-13					
13-14					
14-15	Bioinformatics II	Bioinformatics in plant pathology**	Bioinformatics II	Bioinformatics in plant pathology**	
15-16					
16-17	Complex biomolecular networks*****	Principles of general pathology*	Complex biomolecular networks*****		
17-18					
18-19					

Mandatory exams:

Bioinformatics II, 6 CFU, exam: from October 1st

Bioethics II, 6 CFU, exam: prof. Gilberto Corbellini: from October 1st

Molecular biology and genomics, 6 CFU, exam: prof.ssa Monica Ballarino from October 1st

Student’s choice:

* Principles of general Pathology: proff. Agnese Po and Antonio Francesco Campese: Tuesday from oct. 2nd to dec. 18 and Thursday from oct. 4 to dec. 6.

** Bioinformatics in Plant Pathology: proff. Massimo Reverberi and Luigi Faino: from oct. 2nd to dec. 18 (**no lesson: 4.10, 25.10, 8.11 and 29.11**).

*** Optimization methods for computational biology: prof. Simone Sagratella: from oct. 2nd to dec. 18.

**** Complex biomolecular networks: prof. Alberto Marchetti Spaccamela: from oct 1st to dec 19.

***** Plant functional genomics: proff. Giulia De Lorenzo and Simone Ferrari: from oct 4 (**not every Friday: ask to professors**).

Modelling and simulation of biomolecular dynamical systems, Signal processing and information theory, and Algorithms will be in the second semester.