



Master of Science in Biology

Bioinformatics and Data Analysis in Biology (BIADB)

Academic contacts :

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Code	Course	ECTS	Semesters A/P/AN
14B012	Scientific Writing and Communication (mandatory)	4	A
14B673	Pré-stage equivalent to 320h (pre-internship)	16	P
BIADB Mandatory courses (11.5 ECTS + 12 ECTS from core courses = 23.5 ECTS)			
14B672	Computer Skills in Biological Research (core course)	4	A
14F001	Elements of Bioinformatics (core course)	5	A
14B057A	Statistics and Probability (core course)	3	A
14B637	Molecular Population Genetics	5	A
14B057P	Statistics and Probability	3	P
12X020*	Programming *except if this course (or equivalent) has been validated during the BA	3,5	A
BIADB Elective courses (to bring to a total of 60 ECTS)			
14B072	Introduction to Glycobiology	3	P
14B657	Phylogeny and Molecular Evolution	5	AN
14B751	Research Methodology in Biology	3	P
14B951	Applied Statistics Practicum	2	P
11X001 *	Introduction à la Programmation des Algorithmes	6	A
14F012	Elements of Proteomics and Metabolomics : Translation to human diseases	3	P
14F018	Bioinformatics for Interpreting Functional - omics data	4	P
14X015	Modeling and Simulation of Natural Phenomena	4	P
		60	

A = Automne, Autumn / P = Printemps, Spring / AN = Annuel, Annual

* Lectures given in French