

# Master of Science in Biology

Academic contacts :

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## Bioinformatics and Data Analysis in Biology (BIADB)

Name :

Student number :

Code	Course	ECTS	Semesters A/P/AN	Courses Selection	ECTS
<b>Mandatory</b> safety days ! Registration will take place in November for the autumn semester and in March for the spring semester.					
14B012	Scientific Writing and Communication (mandatory)	4	A	✓	4
14B673	Research Training (equivalent to 320h)	16	P	✓	16
<b>BIADB Mandatory courses (7 ECTS + 12 ECTS from core courses = 19 ECTS)</b>					
14B672*	Computer Skills in Biological Research (core course)	4	February	✓	4
14F001	Elements of Bioinformatics (core course)	5	A	✓	5
14B057A	Statistics and Probability (core course)	3	A	✓	3
14B637	Molecular Population Genetics	4	A	✓	4
14B057P	Statistics and Probability	3	P	✓	3
<b>BIADB Elective courses (15-20 ECTS)</b>					
14B657*	Phylogeny and Molecular Evolution	4	AN		
14B751*	Evaluating research	3	A		
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		
14X015	Modeling and Simulation of Natural Phenomena	6	P		
<b>Free choice courses (0-5 ECTS)</b>					
<b>Total (minimum 60 ECTS credits)</b>					<b>60</b>

\*Pre-registration required with the course instructor. Please check the "programme des cours" website for registration details.

Signatures :

<b>Student</b>
<b>Date:</b>

<b>Academic Advisor of the Section</b>
<b>Date:</b>

<b>Academic Coordinator for the BIADB Track</b>
<b>Date:</b>