



Master of Science in Biology

MICROBIOLOGIE (MICROBIO)

Academic contacts :

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Code	Course	ECTS	Semesters A/P/AN
Mandatory 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
14B673	Pré-stage equivalent to 320h (pre-internship)	16	P
Core courses (6-17 ECTS)			
14B672 *	Computer Skills for Biological Research	4	A
14F001	Elements of Bioinformatics	5	A
14B063A *	Microscopy and Imaging	3	A
14B057A (1)	Statistics & Probability	3	A
14B951 (1) *	Applied Statistics Practicum	2	P
(1) At least one of the 2 statistics courses			
MICROBIO Mandatory courses (16 ECTS)			
14B082	Master course in Microbiology	8	AN
14B010	Principles of Cellular and Molecular Biology	8	AN
ELECTIVE COURSES (7-18 ECTS)			
14B044 *	Electron Microscopy	4	P
223O513*	Introduction à la recherche en virologie (Option FacMed)	3	A
14B053**	Microbiologie moléculaire des milieux hydriques : détection et typage des microorganismes	3	P
13B014*	Microbiologie Générale II (microbioGen. I pas compatible avec le planning)	3	P
13B013 *	Le système immunitaire	6	AN
14B026*	Ecologie microbienne des milieux aquatiques alpins (stage pratique)	3	P
14B641*	Hydrobiologie microbienne : Ecologie microbienne et écologie alpine (stage pratique)	4	P
14B041 *	Hydrobiologie microbienne : Environnement naturel et construit, aspects écologiques, hygiéniques et sanitaires	3	P

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

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

* Lectures given in French, ** Lectures given in French or English

31.01.2024