



Master of Science in Biology

Biodiversity and Systematics (BDS)

Academic contact :

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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			

BDS Mandatory courses (15 ECTS)

14B013	Advanced studies in systematics + Cycle de conférences en biodiversité (CJB, MHN, GENEV, AGP)	2	A
14B005	Biodiversity: Origins and Evolution	3	A
14B637	Molecular Population Genetics	5	A
14B657	Phylogeny and Molecular Evolution	5	AN

BDS Elective courses (8-19 ECTS)

14B701	Seminar: Biological and Cultural Anthropology	3	A
14B669	Tropical Biology Internship	5	AN
14B668	Alpine Botany and Biogeography Course	3	P
14B667	Marine Biology Internship	6	P
14B642	Geneva's Fauna (not given in 2023-2024)	4	A
14B641	Microbial Hydrobiology : Microbial Ecology and Alpine Ecology	4	P
14B078	Biodiversity in time and space, from the singularities of our solar system to the anthropocene	3	P
14B070	Biodiversity and Ecology of Bryophytes - course (en alternance 14B674)	4	P
14B674	Biodiversité et écologie des champignons (en alternance 14B070)	4	P
14B041	Microbial Hydrobiology : Natural and built environment, ecological aspects and effects of climate change	3	P
14B033	FLORISTICS: chorology, history and knowledge of the flora	4	AN/P
14B021	Scientific Research in Botanical Collections	5	AN
14B016	Tropical Botany	5	P
14B009	Flora and Vegetation(stage)	3	P
14B008	Flora and Vegetation: mapping, analysis and indicators	2	P
14B007	Biogeography	3	P
14E155	Threats and Conservation [BES]	3	P
14E150	FND Climatic change	3	A
14E142	Space-Climate (CIG)	3	P
14E260	Ecology and Evolution of Insects	2	A
12T408 *	Géomatique I	3	A

*Pre-registration required with the course instructor. Please check the "programme des cours" website for registration details. [📄](#)

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A = Automne, Autumn

P = Printemps, Spring / AN = Annuel, Annual

* Lectures given in French

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