

#### Cycle view of the study programme

B1 Or Th Pr Au Cr

#### Cours obligatoires de la finalité (B2 : 30Cr)

SSTG0047-2	<i>Internship: mountain biodiversity and ecology</i> - [12d FW]	B2	Q1	-	-	[+]	5
GEOG2013-1	<i>Introduction to geomorphology, hydrography and hydrology</i> - Geoffrey HOUBRECHTS - [2d FW]	B2	Q1	15	15	[+]	3
SPOL2209-3	<i>Territorial development and the environment: Policies and legal aspects</i> - Sophie HANSON	B2	Q1	30	-	-	3
GEOG2024-2	<i>Territorial diagnosis workshops and qualitative methods, Part I</i> - Serge SCHMITZ	B2	Q1	15	25	-	3
GEST3760-1	<i>Project management and immaterial resources</i>	B2	Q1	12	-	-	2
BIOL2033-1	<i>Monitoring of the biodiversity and dynamics of citizen</i> - [12h Mon. WS, 3d FW]	B2	Q1	6	-	[+]	4
BIOL2034-1	<i>Soft skills for biodiversity management</i>	B2	TA	30	-	-	3
SSTG2035-1	<i>Journées d'excursion sur les thématiques de la conservation et l'utilisation du territoire</i> - [10d FW]	B2	TA	-	-	[+]	4
GEOG0238-5	<i>Geographical Information Systems, Introduction</i> - Roland BILLEN, François JONARD	B2	Q1	15	15	-	3

With the jury's agreement, one course which has already been followed may be replaced by one or more alternative courses from the Uliège programme for the same number of credits.

*Notice* : The dissertation can be done in a structure external to the University of Liège (public services, companies, NGO) and will relate to themes applied in the field of nature conservation. If necessary, students can do their placement in another country

#### Cours obligatoires du tronc commun (B1 : 52Cr, B2 : 30Cr)

BIOL0852-1	<i>Ecosystems and climate change</i>	B1	Q2	24	16	-	3
BIOL0810-2	<i>Conservation biology</i> - Nicolas MAGAIN	B1	Q2	30	-	-	4
BIOL0808-2	<i>Functional morphology</i> - <i>Marine vertebrates</i> - <i>Birds, mammals, biomimicry</i> - [1d FW]	B1	Q1	15	10	-	4
				10	15	[+]	
PALE0209-1	<i>Paleontology</i> - <i>Micropaleontology</i> - Emmanuelle JAVAUX - <i>Macropaleontology</i> - Valentin FISCHER, Cyrille PRESTIANNI	B1	Q1	10	-	-	3
				15	5	-	
BIOL0866-1	<i>Ecophysiology</i>	B1	Q1	25	15	-	3
BIOL2213-1	<i>Behavioural ecology</i>	B1	Q1	20	-	-	3
BIOL0854-1	<i>Ecotoxicology</i> (english language)	B1	Q1	20	18	-	4
BIOL0812-2	<i>Biogeography</i>	B1	Q2	25	-	-	3
GENE0446-2	<i>Population genetics</i> - Johan MICHAUX, Claire REMACLE	B1	Q1	20	10	-	3
GENE0448-1	<i>Phylogenetic methods</i> - Denis BAURAIN	B1	Q1	20	15	-	3
BIOL2041-1	<i>Taxonomy and animal phylogeny</i>	B1	Q1	25	15	-	4
BIOL2040-1	<i>Taxonomy and phylogeny of chlorophyll lines</i> - Nicolas MAGAIN	B1	Q2	25	15	-	4
SSTG0069-1	<i>Stage professionnalisant</i> - Fany BROTCORNE, Gilles LEPOINT, Nicolas MAGAIN, JeanChristophe PLUMIER, Carole ROUGEOT - [20d FW]	B1	TA	-	-	[+]	8
BIOL0856-1	<i>Data analysis in ecology, ethology and evolutionary biology</i> - Bruno FREDERICH	B1	Q1	-	20	-	3

### Master in biology of organisms and ecology, professional focus in conservation biology : biodiversity and management

SMEM0013-1	<i>Final thesis</i> - COLLÉGIALITÉ	B2	TA	-	-	-	27
<i>Notice</i> : Students who handle animals within the framework of their dissertation must have the Certificate in laboratory animal sciences, grade: animal biotechnologist. Prof. Mathieu DENOEL).							
DOCU0462-1	<i>Preparing a dissertation in the biology of organisms and ecology</i> - Monique CARNOL - [15h Mon. WS]	B2	Q1	15	-	[+]	3

#### Cours au choix du tronc commun (B1 : 8Cr)

En accord avec le Jury, choisir un module de stages de terrain parmi : (B1 : 1Nbr)

##### Module Conservation et Biodiversité (B1 : 8Cr)

SSTG0046-1	<i>Naturalistic building upon applied in conservation</i> - Nicolas MAGAIN - [8d FW]	B1	TA	-	-	[+]	4
SSTG0066-1	<i>Stage : écologie appliquée au suivi et à la conservation de la biodiversité</i> - Flavien COLLART, Mathieu DENOËL, Nicolas MAGAIN, Loïc MICHEL, Laurane WINANDY - [9d FW]	B1	Q2	-	-	[+]	4

##### Module Ecologie et Biodiversité (B1 : 8Cr)

SSTG0024-1	<i>Training: biodiversity, phylogeny and ecology</i> - [10d FW]	B1	TA	-	-	[+]	5
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En accord avec le Jury, choisir un stage de terrain parmi : (B1 : 3Cr)

SSTG0064-1	<i>Applied biogeography</i> - [6d FW]	B1	Q2	-	-	[+]	3
SSTG0053-1	<i>Integrated ethometry internship</i> - [4d FW]	B1	Q2	-	10	[+]	3

### Additional ECTS (max 15-60) Master in biology of organisms and ecology (120 ECTS)

The refresher programme, for a maximum of 60 credits, will be established by the jury of the Masters in Biology of Organisms and Ecology, depending on the student's prior training: this programme will enable the student to acquire the basic knowledge required in relevant fields (statistics, biology, biodiversity, etc.).

#### Compulsory courses (B0 : 40Cr)

BIOL0518-4	<i>Biodiversity and ecology</i> - <i>Notions and concepts</i> - Gabriel CASTILLO CABELLO, Bruno FREDERICH, Eric PARMENTIER - <i>Stage d'écologie marine</i> - Eric PARMENTIER - [5d FW]	B0	TA	60	-	-	7
BIOL0868-1	<i>Biology of multicellular animal organisms</i> - N...	B0	Q1	15	15	-	3
BIOL0869-1	<i>Biology of multicellular plant organisms</i> - Claire PÉRILLEUX	B0	Q1	15	15	-	3
BIOL0216-1	<i>Animal physiology</i>	B0	Q1	60	30	-	7
BIOL0217-2	<i>Vegetal physiology, Theory</i> - Claire PÉRILLEUX	B0	Q2	35	-	-	3
BIOL2037-1	<i>Introduction to evolutionary biology</i> - [1d FW]	B0	Q2	25	25	[+]	4
BIOL2038-1	<i>Soil ecology and microbiology</i> - [1d FW]	B0	Q1	25	10	[+]	3
BIOL2039-2	<i>Freshwater ecology, Theory</i>	B0	Q2	18	2	-	2
BIOC9244-1	<i>Genetics and introduction to molecular ecology</i> - Marc HANIKENNE	B0	Q1	20	10	-	2
STAT0750-1	<i>Multivariate statistical analysis (software R)</i> - Arnout VAN MESSEM	B0	Q2	10	10	-	3
DOCU0460-1	<i>Training in the use of documentary resources in biology(refresher course)</i>	B0	Q1	6	6	-	1
STAT0077-1	<i>Computing analysis and processing of biological data</i> - Patrick MEYER	B0	Q1	25	-	-	2

**Optional courses (B0 : 20Cr)**

In agreement with the Jury, if necessary choose courses from: (B0 : 20Cr)

[...] Courses from the Bachelor in Biology.