

**Cycle view of the study programme**

		B1	Or	Th	Pr	Au	Cr
<b>Focus compulsory courses (B2 : 30Cr)</b>							
AESS1217-1	<i>Special didactics in biology : course and exercises (1st part)</i> - MarieNoëlle HINDRYCKX <b>Corequisite :</b> AESS1218-1 - Didactique spéciale en biologie : stages (partim I) AESS0202-1 - Didactique générale : cours et exercices ; stages d'observation ; pratiques réflexives	B2	TA	40	-	-	3
AESS1218-1	<i>Special didactics in biology : placements (1st part)</i> - <i>Observation placements</i> - MarieNoëlle HINDRYCKX - [10h Internship] - <i>Teaching placements</i> - MarieNoëlle HINDRYCKX - [20h Internship] - <i>Reflexive practical work</i> - MarieNoëlle HINDRYCKX <b>Corequisite :</b> AESS1217-1 - Didactique spéciale en biologie : cours et exercices (partim I) AESS0202-1 - Didactique générale : cours et exercices ; stages d'observation ; pratiques réflexives	B2	TA				3
						[+]	
						[+]	
				5			
AESS2217-1	<i>Special didactics in biology : course and exercises (part II)</i> - MarieNoëlle HINDRYCKX - [1d FW] <b>Corequisite :</b> AESS2218-1 - Didactique spéciale en biologie : stages (partim II) AESS1218-1 - Didactique spéciale en biologie : stages (partim I) AESS1217-1 - Didactique spéciale en biologie : cours et exercices (partim I) AESS0202-1 - Didactique générale : cours et exercices ; stages d'observation ; pratiques réflexives	B2	TA	35	-	[+]	4
AESS2218-1	<i>Special didactics in biology : placements (2nd part)</i> - <i>Teaching placements</i> - MarieNoëlle HINDRYCKX - [20h Internship] - <i>Reflexive practical work</i> - MarieNoëlle HINDRYCKX - <i>Extra-scholar teaching activities</i> - MarieNoëlle HINDRYCKX <b>Corequisite :</b> AESS2217-1 - Didactique spéciale en biologie : cours et exercices (partim II) AESS1218-1 - Didactique spéciale en biologie : stages (partim I) AESS1217-1 - Didactique spéciale en biologie : cours et exercices (partim I) AESS0202-1 - Didactique générale : cours et exercices ; stages d'observation ; pratiques réflexives	B2	TA				5
						[+]	
				5			
				10			
AESS0202-1	<i>General didactics: course and exercises ; observation placements ; reflexive practices</i> - Annick FAGNANT - [10h Internship] <b>Corequisite :</b> AESS1218-1 - Didactique spéciale en biologie : stages (partim I) AESS1217-1 - Didactique spéciale en biologie : cours et exercices (partim I)	B2	TA	30	10	[+]	4
AESS0246-1	<i>Analysis of scholastic institutions and educational policies</i> - Annelise VOISIN	B2	Q2	15	-	-	1
AESS0248-1	<i>Elements of sociology of education</i> - JeanFrançois GUILLAUME	B2	Q2	10	-	-	1
AESS0004-1	<i>Media education</i> - Jeremy HAMERS	B2	Q1	15	-	-	1
AESS0249-1	<i>Interdisciplinary seminar</i> - Annick FAGNANT	B2	Q2	15	-	-	1
AESS0140-1	<i>Professional ethics and training to neutrality and citizenship</i> - Anne HERLA	B2	Q2	25	-	-	2
AESS0143-1	<i>Educational Psychology of adolescents and young adults</i> - Annick FAGNANT	B2	Q1	15	-	-	2
AESS0339-1	<i>Understand and manage the diversity of public schools</i> - Ariane BAYE	B2	TA	10	15	-	3
<b>Core curriculum compulsory courses (B1 : 52Cr, B2 : 30Cr)</b>							
BIOL0852-1	<i>Ecosystems and climate change</i> - Monique CARNOL	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> - Eric PARMENTIER - <i>Birds, mammals, biomimicry</i> - Eric PARMENTIER - [1d FW]	B1	Q1	15	10	-	4
				10	15	[+]	
PALE0209-1	<i>Paleontology</i>	B1	Q1				3

	- <i>Micropaleontology</i> - Emmanuelle JAVAUX			10	-	-		
	- <i>Macropaleontology</i> - Valentin FISCHER, Cyrille PRESTIANNI			15	5	-		
BIOL0866-1	<i>Ecophysiology</i> - Claire PÉRILLEUX, JeanChristophe PLUMIER, Stéphane ROBERTY	B1	Q1	25	15	-		3
BIOL2213-1	<i>Behavioural ecology</i> - Mathieu DENOËL, Laurane WINANDY	B1	Q1	20	-	-		3
BIOL0854-1	<i>Ecotoxicology</i> (english language) - Célia JOAQUIMJUSTO, Yves MARNEFFE	B1	Q1	20	18	-		4
BIOL0812-2	<i>Biogeography</i> - Alain VANDERPOORTEN	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> - Loïc MICHEL	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>Professional internship</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
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 DENOËL).							
DOCU0462-1	<i>Preparing a dissertation in the biology of organisms and ecology</i> - Monique CARNOL - [15h Mon. WS]	B2	Q1	15	-		[+]	3

**Common core courses (B1 : 8Cr)**

**In agreement with the Jury, choose one of the following field placement modules: (B1 : 1Nbr)**

**Conservation and Biodiversity Module (B1 : 8Cr)**

SSTG0046-1	<i>Naturalistic building upon applied in conservation</i> - Nicolas MAGAIN - [8d FW]	B1	TA	-	-		[+]	4
SSTG0066-1	<i>Internship: ecology applied to monitoring and conserving biodiversity</i> - Flavien COLLART, Mathieu DENOËL, Nicolas MAGAIN, Loïc MICHEL, Laurane WINANDY - [9d FW]	B1	Q2	-	-		[+]	4

**Ecology and Biodiversity Module (B1 : 8Cr)**

SSTG0024-1	<i>Training: biodiversity, phylogeny and ecology</i> - Flavien COLLART, Bruno FREDERICH, Véronique GOOSSE, Loïc MICHEL, Stéphane ROBERTY, Laurane WINANDY - [10d FW]	B1	TA	-	-		[+]	5
------------	--	----	----	---	---	--	-----	---

In agreement with the Jury, choose a field placement from among: (B1 : 3Cr)

SSTG0064-1	<i>Applied biogeography</i> - Flavien COLLART, Alain VANDERPOORTEN - [6d FW]	B1	Q2	-	-		[+]	3
SSTG0053-1	<i>Integrated ethometry internship</i> - Fany BROTCORNE, Mathieu DENOËL - [4d FW]	B1	Q2	-	10		[+]	3

**Bridging courses (max 15-60 credits) Master in biology of organisms and ecology (120 credits)**

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	-	-			<b>7</b>
BIOL0868-1	<i>Biology of multicellular animal organisms</i> - Loïc MICHEL	B0	Q1	15	15	-			<b>3</b>
BIOL0869-1	<i>Biology of multicellular plant organisms</i> - Claire PÉRILLEUX	B0	Q1	15	15	-			<b>3</b>
BIOL0216-1	<i>Animal physiology</i> - JeanChristophe PLUMIER, Marc THIRY	B0	Q1	60	30	-			<b>7</b>
BIOL0217-2	<i>Vegetal physiology, Theory</i> - Claire PÉRILLEUX	B0	Q2	35	-	-			<b>3</b>
BIOL2037-1	<i>Introduction to evolutionary biology</i> - Nicolas MAGAIN - [1d FW]	B0	Q2	25	25	[+]			<b>4</b>
BIOL2038-1	<i>Soil ecology and microbiology</i> - Monique CARNOL - [1d FW]	B0	Q1	25	10	[+]			<b>3</b>
BIOL2039-2	<i>Freshwater ecology, Theory</i> - Anne GOFFART, Véronique GOOSSE, Célia JOAQUIMJUSTO	B0	Q2	18	2	-			<b>2</b>
BIOC9244-1	<i>Genetics and introduction to molecular ecology</i> - Marc HANIKENNE	B0	Q1	20	10	-			<b>2</b>
STAT0750-1	<i>Multivariate statistical analysis (software R)</i> - Arnout VAN MESSEM	B0	Q2	10	10	-			<b>3</b>
DOCU0460-1	<i>Training in the use of documentary resources in biology(refresher course)</i> - Hassan BOUGRINE, Monique CARNOL	B0	Q1	6	6	-			<b>1</b>
STAT0077-1	<i>Computing analysis and processing of biological data</i> - Patrick MEYER	B0	Q1	25	-	-			<b>2</b>

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

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

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