

Cycle view of the study programme

		B1	Or	Th	Pr	Au	Cr
Compulsory courses (B1 : 60Cr, B2 : 30Cr)							
AESS0320-1	<i>Initiation to biology didactics</i> - MarieNoëlle HINDRYCKX	B1	Q1	20	20	-	2
Biology of Organisms							
GENE0446-2	<i>Population genetics</i> - Johan MICHAUX, Claire REMACLE	B1	Q1	25	15	-	4
BIOL2040-1	<i>Taxonomy and phylogeny of chlorophyll lines</i> - Emmanuël SÉRUSIAUX Corequisite : BIOL2041-1 - Taxonomie et phylogénie animales GENE0448-1 - Méthodes de phylogénie	B1	Q2	25	15	-	3
BIOL2041-1	<i>Animal taxonomy and phylogeny</i> - Patrick DAUBY Corequisite : BIOL2040-1 - Taxonomie et phylogénie des lignées chlorophylliennes GENE0448-2 - Méthodes de phylogénie	B1	Q1	40	30	-	5
GENE0448-1	<i>Phylogenetic methods</i> - Denis BAURAIN Corequisite : BIOL2040-1 - Taxonomie et phylogénie des lignées chlorophylliennes BIOL2041-1 - Taxonomie et phylogénie animales	B1	Q1	20	15	-	3
PALE0209-1	<i>Paleontology</i> - Valentin FISCHER, Philippe GERRIENNE, Emmanuelle JAVAUX	B1	Q1	40	30	-	6
BIOL0808-2	<i>Functional morphology</i> - Eric PARMENTIER - [1d Vis.]	B1	Q1	20	25	[+]	4
Ecology							
BIOL0809-1	<i>Ecophysiology, ethology</i> - Mathieu DENOËL, Claire PÉRILLEUX, JeanChristophe PLUMIER - [3d FW]	B1	Q1	40	15	[+]	6
BIOL0810-2	<i>Conservation Biology</i> - Emmanuël SÉRUSIAUX - [1d FW]	B1	Q2	40	20	[+]	6
BIOL0811-1	<i>Natural resources and ecosystem disruptions</i> - Monique CARNOL, JeanPierre THOMÉ - [2d FW]	B1	Q2	40	30	[+]	7
BIOL0812-2	<i>Biogeography</i> - Johan MICHAUX, Alain VANDERPOORTEN - [3d FW]	B1	Q2	30	-	[+]	4
BIOL2042-1	<i>Population Biology</i> - Johan MICHAUX - [3d FW]	B1	Q2	10	-	[+]	2
Placement in the ecology field.							
SSTG0024-1	<i>Training : biodiversity, phylogeny and marine ecology</i> - Patrick DAUBY, Véronique GOOSSE, Mathieu POULICEK, JeanPierre THOMÉ - [10d FW]	B1	Q2	-	-	[+]	4
SSTG0046-1	<i>Naturalistic building upon applied in conservation</i> - Emmanuël SÉRUSIAUX - [10d FW]	B1	TA	-	-	[+]	4
<i>Notice : Students who handle animals within the framework of their dissertation must have the "Certificate in laboratory animal sciences, grade: animal biotechnologist" (contact : Prof. Jean-Christophe PLUMIER).</i>							
SMEM0013-1	<i>Final thesis</i> - COLLÉGIALITÉ Corequisite : BIOL0843-1 - Préparation à la réalisation du mémoire SSTG0040-1 - Dossier de développement professionnel	B2	TA	-	-	-	28
BIOL0843-1	<i>Preparation to the final thesis</i> - COLLÉGIALITÉ Corequisite : SMEM0013-1 - Mémoire SSTG0040-1 - Dossier de développement professionnel	B2	TA	-	-	-	2

Focus to be chosen (B2 : 30Cr)

Choose one focus from the following : (B2 : 1Nbr)

Research Focus (B2 : 30Cr)

STAT0750-1	<i>Multivariate statistical analysis (software R)</i> - Gentiane HAESBROECK	B2	Q1	10	10	-	2
LANG2971-1	<i>Academic English Writing</i> - Clara BRERETON, Véronique DOPPAGNE, ISLV	B2	Q1	30	-	-	4
DOCU0448-2	<i>Documentation training applied to biology</i> - Ninfa GRECO - [20h Mon. WS]	B2	Q1	-	-	[+]	2
SSTG0040-1	<i>Professional development file</i> - Monique CARNOL, Sandrine MALCHAIR - [30h Mon. WS] Corequisite : SMEM0013-1 - Mémoire BIOL0843-1 - Préparation à la réalisation du mémoire	B2	TA	30	-	[+]	7

Choose courses, with the approval of the Jury, totalling 15 credits amongst : (B2 : 15Cr)

BIOL0820-1	<i>Morphological specific aspects of vertebrates : functional approach</i> - Eric PARMENTIER	B2	Q2	30	-	-	3
GEOL0099-1	<i>Phanerozoic biosphere evolution</i> - Valentin FISCHER - [2d FW] Prerequisite : PALE0209-1 - Paléontologie Corequisite : GEOL1022-2 - Evolution de la biosphère précambrienne <i>Notice :</i> This course will not be proposed to second year students BOE in 2015-2016,	B2	Q1	20	-	[+]	3
HAAR0091-2	<i>Archaeozoology</i> - Annick GABRIEL	B2	Q2	30	-	-	3
ZOOL0218-4	<i>Aquariology</i> - Christian MICHEL	B2	Q1	30	-	-	3
BIOL0821-1	<i>Natural Biomaterials : ultrastructural and functional aspects</i> - Philippe COMPÈRE	B2	Q2	30	-	-	3
BIOL0114-4	<i>Electronic microscopies</i> - Philippe COMPÈRE	B2	Q2	15	-	-	3
CHIM9236-1	<i>Microstructure of Materials : characterization techniques</i> - Catherine HENRIST	B2	Q2	15	-	-	3
GEOL1022-2	<i>Evolution of the biosphere in the Precambrian</i> - Emmanuelle JAVAUX	B2	Q1	20	10	-	3
GEOL0263-2	<i>Astrobiology</i> - Philippe CLAEYS, Véronique DEHANT, Moreno GALLEN, Emmanuelle JAVAUX, Yaël NAZÉ, Annick WILMOTTE (Even years)	B2	Q2	30	-	-	3
NEUR0434-1	<i>Functional Neuroanatomy</i> - JeanChristophe PLUMIER	B2	Q2	30	-	-	3
BIOL0822-1	<i>Advanced Course in Animal Physiology</i> - JeanChristophe PLUMIER	B2	Q2	30	-	-	3
NEUR0435-1	<i>Developmental neurotoxicology</i> - JeanChristophe PLUMIER	B2	Q2	30	-	-	3
BIOL0823-1	<i>Ultrastructural cytochemistry</i> - Philippe COMPÈRE, Marc THIRY	B2	Q2	30	-	-	3
OCEA0080-2	<i>Biochemistry, Physiology and Aquariology, Physiology and biochemistry of the marine animals (english language)</i> - Philippe COMPÈRE	B2	Q1	15	15	-	3
CHIM9212-1	<i>Biological applications of radioelements</i> - Philippe COMPÈRE	B2	Q2	30	-	-	3
ZOOL0227-1	<i>Genetic foundations of aquaculture</i> - Charles MÉLARD	B2	Q1	30	-	-	3
GENE0441-1	<i>organelle genetics</i> - Claire REMACLE	B2	Q2	30	-	-	3
LABO0432-2	<i>Techniques for cells and tissue cultures</i> - MarieClaire GILLET	B2	Q1	30	-	-	3
GBIO0022-1	<i>Biomimetism (english language)</i> - Philippe COMPÈRE, Liesbet GERIS, Tristan GILET, Eric PARMENTIER, Davide RUFFONI - [45h Proj.]	B2	TA	15	-	[+]	3

BIOL0025-1	<i>Animal symbiosis</i> - JeanChristophe PLUMIER	B2	Q2	30	-	-	3
GBIO0005-2	<i>Introduction to cognitive neurosciences</i> - Gilles VANDEWALLE	B2	Q1	15	15	-	3
SSTG0023-1	<i>Training : phylogeny and ecology of Macaronesian and Mediterranean flora</i> - Alain HAMBUECKERS, Emmanuël SÉRUSIAUX - [10d FW]	B2	Q2	-	-	[+]	3
GEOL1023-1	<i>Palynology - advanced course on Paleozoic spores</i> - Philippe STEEMANS (Odd years)	B2	Q2	30	-	-	3
BOTA0405-1	<i>In vitro culture of plants</i> - Claire KEVERS	B2	Q2	30	-	-	3
BOTA0410-1	<i>Phylogeny of eukaryotes</i> - Denis BAURAIN	B2	Q1	30	-	-	3
BIOL0844-1	<i>General biology of cryptogams (bryophyta and lichens)</i> - Emmanuël SÉRUSIAUX, Alain VANDERPOORTEN	B2	Q2	30	-	-	3
BIOL0826-2	<i>Biogeography and plant and nature conservation</i> - Emmanuël SÉRUSIAUX - [6d FW]	B2	Q2	-	-	[+]	3
ZOOL0228-1	<i>Demography and dynamics population of mammals and birds</i> - Roland LIBOIS	B2	Q1	30	-	-	3
ZOOL0230-2	<i>Development and management of freshwater fish population and their habitat</i> - Michaël OVIDIO	B2	Q1	10	18	-	3
BIOL0828-1	<i>Hydrobiology and Limnology</i> - Anne GOFFART, Célia JOAQUIMJUSTO, JeanPierre THOMÉ	B2	Q1	30	-	-	3
ENVT0737-2	<i>Transfer and ecotoxicology of the micropollutants in the watery ecosystems</i> - Célia JOAQUIMJUSTO, JeanPierre THOMÉ	B2	Q1	30	-	-	3
	Prerequisite : BIOL0811-1 - Ressources naturelles et perturbations des écosystèmes						
OCEA0062-5	<i>Ecotoxicology and Biodegradation of Marine Pollutants, Marine ecotoxicology (english language)</i> - Krishna DAS	B2	Q1	15	15	-	3
BIOL0829-1	<i>Case study in ecology</i> - Monique CARNOL	B2	Q1	30	-	-	3
OCEA0001-3	<i>Oceanology and underwater biology</i> - Sylvie GOBERT	B2	Q2	30	-	-	3
ZOOL0220-1	<i>Planctonology</i> - Anne GOFFART	B2	Q2	15	30	-	3
OCEA0050-1	<i>Ecology of the Mediterranean benthos</i> - Sylvie GOBERT, Mathieu POULICEK - [30h FW]	B2	Q1	-	-	[+]	3
OCEA0144-1	<i>Ecology of the coral reefs (english language)</i> - Mathieu POULICEK	B2	Q1	30	-	-	3
ENVT0884-1	<i>Ecology and economy of agricultural systems</i> - Alain HAMBUECKERS	B2	Q1	30	-	-	3
PSYC1063-1	<i>Social ethology</i> - MarieClaude HUYNEN	B2	Q2	30	-	-	3
PSYC1064-1	<i>Behavioural primatology</i> - MarieClaude HUYNEN	B2	Q1	30	-	-	3
ZOOL0002-2	<i>Ethology applied to population management</i> - Pascal PONCIN - [1d FW]	B2	Q2	20	-	[+]	3
ZOOL0232-1	<i>Ethology and amphibian conservation</i> - Mathieu DENOËL - [1d FW]	B2	Q1	20	-	[+]	3
ZOOL0231-2	<i>Rhythms and behaviour in fish : endocrine aspects</i> - Pascal PONCIN - [1d FW]	B2	Q2	20	-	[+]	3
OCEA0043-2	<i>Ecoethology of the marine animals</i> - Christian MICHEL	B2	Q1	30	-	-	3
VETE0014-1	<i>Domestic Animal Behaviour Science</i> - Marc VANDENHEEDE	B2	Q1	32	-	-	3
PSYC0061-1	<i>Attitudinal neuroscience (Part 3 : cognition and animal neuropsychology)</i> - André FERRARA	B2	Q2	30	-	-	3
PSYC0063-1	<i>Behavioural neuroendocrinology</i> - Charlotte CORNIL	B2	Q1	30	-	-	3

DOCU0455-1	<i>Introduction to critical thinking</i> - Yaël NAZÉ	B2	Q1	10	5	-	3
GENE0003-1	<i>Genomics</i> - Marc HANIKENNE	B2	Q1	20	-	-	3
OCEA0028-1	<i>Impact study in a sea environment : theory and practice</i> - Pierre LEJEUNE	B2	Q1	20	-	-	3
ZOOL2021-1	<i>Ecology and dynamics of freshwater fish populations</i> - Michaël OVIDIO	B2	Q1	10	20	-	3

[...] With the agreement of the jury and the dissertation supervisor, students have the possibility to choose one or two courses from another option or another Masters.

Teaching focus (B2 : 30Cr)

AESS1217-1	<i>Special didactics in biology : course and exercises (1st part)</i> - MarieNoëlle HINDRYCKX Corequisite : AESS0202-1 - Didactique générale : cours et exercices ; stages d'observation ; pratiques réflexives AESS1218-1 - Didactique spéciale en biologie : stages (partim I)	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 Corequisite : AESS0202-1 - Didactique générale : cours et exercices ; stages d'observation ; pratiques réflexives AESS1217-1 - Didactique spéciale en biologie : cours et exercices (partim I)	B2	TA			[+]	3
AESS2217-1	<i>Special didactics in biology : course and exercises (2nd part)</i> - MarieNoëlle HINDRYCKX Corequisite : AESS0202-1 - Didactique générale : cours et exercices ; stages d'observation ; pratiques réflexives AESS1217-1 - Didactique spéciale en biologie : cours et exercices (partim I) AESS1218-1 - Didactique spéciale en biologie : stages (partim I) AESS2218-1 - Didactique spéciale en biologie : stages (partim II)	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 Corequisite : AESS0202-1 - Didactique générale : cours et exercices ; stages d'observation ; pratiques réflexives AESS1217-1 - Didactique spéciale en biologie : cours et exercices (partim I) AESS1218-1 - Didactique spéciale en biologie : stages (partim I) AESS2217-1 - Didactique spéciale en biologie : cours et exercices (partim II)	B2	TA			[+]	5
AESS0202-1	<i>General didactics: course and exercises ; observation placements ; reflexive practices</i> - Annick FAGNANT - [10h Internship] Corequisite : AESS1217-1 - Didactique spéciale en biologie : cours et exercices (partim I) AESS1218-1 - Didactique spéciale en biologie : stages (partim I)	B2	TA	30	10	[+]	4
AESS0246-1	<i>Analysis of scholastic institutions and key-players, educational policies</i> - Dominique LAFONTAINE - Suppl : MarieThérèse DELHOUNE	B2	Q1	15	-	-	1
AESS0248-1	<i>Elements of sociology of education</i> - JeanFrançois GUILLAUME	B2	Q2	10	-	-	1
AESS0004-1	<i>Media education</i> - Jérémy 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	Q2	10	15	-	3

Professional focus in conservation biology : biodiversity and management (B2 : 30Cr)

SSTG0047-2	<i>Internship: mountain biodiversity and ecology</i> - COLLÉGIALITÉ - [12d FW]	B2	Q1	-	-	[+]	3
BIOD0007-1	<i>Biodiversity Analysis Methods : Community and Populations</i> - Adeline FAYOLLE, Grégory MAHY - [16h AUTR]	B2	Q1	16	16	[+]	3
GEOG2013-1	<i>Introduction to geomorphology, hydrography and hydrology</i> - Geoffrey HOUBRECHTS - [2d FW]	B2	Q1	15	10	[+]	3
SPOL2209-3	<i>Environmental and land policies</i> - Sophie HANSON	B2	Q1	30	-	-	3
GEOG0643-1	<i>Citizen engagement methods and tools</i> - Christine PARTOUNE - [2d FW]	B2	Q1	10	10	[+]	3
GEST3760-1	<i>Project management and immaterial resources</i> - Jocelyne ROBERT	B2	Q1	12	-	-	2
BIOL2033-1	<i>Monitoring of the biodiversity and dynamics of citizen</i> - Johann DELCOURT, Mathieu DENOËL, Alain HAMBUECKERS, Michaël OVIDIO - [8d FW]	B2	Q1	20	24	[+]	4
BIOL2034-1	<i>Applied questions in biodiversity</i> - Emmanuël SÉRUSIAUX	B2	Q1	20	-	-	2
BIOL2035-1	<i>Day trips on the themes of conservation and territory use</i> - Emmanuël SÉRUSIAUX - [8d FW]	B2	Q1	-	-	[+]	3
GEOG0238-3	<i>Geographical Information Systems, Introduction</i> - JeanPaul DONNAY	B2	Q2	15	15	-	2
STAT1751-1	<i>Statistical analysis for conservation biologists</i> - Gentiane HAESBROECK	B2	Q1	10	10	-	2

Notice : the dissertation will 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. The related placement will be covered by an ad hoc agreement and led by an external placement supervisor. If necessary, students can do their placement in another country but the subject must still relate to subjects associated with continental ecosystems.

Additional ECTS Master in biology of organisms and ecology

Compulsory courses (B0 : 60Cr)

STAT0076-1	<i>General statistics</i> - N... - Suppl : Catherine TIMMERMANS	B0	Q1	30	20	-	5
STAT0077-1	<i>Computing analysis and processing of biological data</i> - Patrick MEYER	B0	Q2	25	-	-	2
MICR1715-2	<i>Microbiology</i> - Part 1 : <i>Algology and Mycology</i> - Denis BAURAIN - Part 2 : <i>Bacteriology</i> - Bernard JORIS	B0	Q1	20	10	-	5
MICR1716-1	<i>Virology</i> - Jacques PIETTE	B0	Q2	20	10	-	2
BIOL0216-1	<i>Animal physiology</i> - JeanChristophe PLUMIER, Marc THIRY	B0	Q1	60	30	-	6
BIOL0217-1	<i>Vegetal physiology</i> - Claire PÉRILLEUX	B0	Q2	35	20	-	5
IMMU0521-1	<i>Immunology</i> - Catherine SADZOT	B0	Q2	25	10	-	3
BIOL0003-1	<i>Biology of pluricellular organisms</i>	B0	Q1				5

	- <i>Animal</i> - MarieFrance VERSALI	15	15	-		
	- <i>Plant Biology</i> - Claire PÉRILLEUX	15	15	-		
BIOC9244-1	<i>Molecular genetics and biology</i> - Jacques DOMMES	B0	Q1	20	10	3
BIOC9245-1	<i>Macromolecules chemistry</i> - Moreno GALLEN, Loïc QUINTON	B0	Q2	20	10	3
BIOL2036-1	<i>Animal Biodiversity Measures and Applications</i> - Sylvie GOBERT, Mathieu POULICEK	B0	Q1	10	15	2
BIOL2037-1	<i>Biodiversity : introduction to evolutionary biology and description of vegetation</i> - Emmanuël SÉRUSIAUX - [1d FW]	B0	Q2	30	20	4
BIOL2038-1	<i>Grounds ecology and microbiology</i> - Monique CARNOL - [1d FW]	B0	Q1	25	10	3
BIOL2039-1	<i>Freshwater Ecology</i> - Véronique GOOSSE, Célia JOAQUIMJUSTO, JeanPierre THOMÉ - [3d FW]	B0	Q2	15	-	2
STRA0045-1	<i>Training in scientific communication</i> - Monique CARNOL, Patrick DAUBY - [50h Internship]	B0	Q2	-	-	4
PHIL1106-1	<i>Philosophy and bioethics</i>	B0	Q2			2
	- <i>Part : Philosophy</i> - Julien PIERON			15	-	
	- <i>Part : Bioethics</i> - Florence CAEYMAEX, Jacques DOMMES, Vincent GEENEN			15	-	
LANG0082-1	<i>English 3 (english language)</i> - Clara BRERETON, Véronique DOPPAGNE, Ellen HARRY, ISLV	B0	TA	45	-	4

Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en biologie des organismes et écologie, à finalité didactique" en 2014-2015

Optional courses (B1 : 30Cr)

Follow-up to the focus chosen in first year (B1 : 30Cr)

Teaching focus (B1 : 30Cr)

AESS1217-1	<i>Special didactics in biology : course and exercises (1st part)</i> - MarieNoëlle HINDRYCKX	B1	TA	40	-	3
AESS1218-1	<i>Special didactics in biology : placements (1st part)</i>	B1	TA			3
	- <i>Observation placements</i> - MarieNoëlle HINDRYCKX - [10h Internship]			-	-	[+]
	- <i>Teaching placements</i> - MarieNoëlle HINDRYCKX - [20h Internship]			-	-	[+]
	- <i>Reflexive practical work</i> - MarieNoëlle HINDRYCKX			-	5	-
AESS2217-1	<i>Special didactics in biology : course and exercises (2nd part)</i> - MarieNoëlle HINDRYCKX	B1	TA	35	-	4
AESS2218-1	<i>Special didactics in biology : placements (2nd part)</i>	B1	TA			5
	- <i>Teaching placements</i> - MarieNoëlle HINDRYCKX - [20h Internship]			-	-	[+]
	- <i>Reflexive practical work</i> - MarieNoëlle HINDRYCKX			-	5	-
	- <i>Extra-scholar teaching activities</i> - MarieNoëlle HINDRYCKX			-	10	-
AESS0202-1	<i>General didactics: course and exercises ; observation placements ; reflexive practices</i> - Annick FAGNANT - [10h Internship]	B1	TA	30	10	4
AESS0246-1	<i>Analysis of scholastic institutions and key-players, educational policies</i> - Dominique LAFONTAINE - Suppl : MarieThérèse DELHOUNE	B1	Q1	15	-	1
AESS0248-1	<i>Elements of sociology of education</i> - JeanFrançois GUILLAUME	B1	Q2	10	-	1
AESS0004-1	<i>Media education</i> - Jérémy HAMERS	B1	Q1	15	-	1

AESS0249-1	<i>Interdisciplinary seminar</i> - Annick FAGNANT	B1	Q2	15	-	-	1
AESS0140-1	<i>Professional ethics and training to neutrality and citizenship</i> - Anne HERLA	B1	Q2	25	-	-	2
AESS0143-1	<i>Educational Psychology of adolescents and young adults</i> - Annick FAGNANT	B1	Q1	15	-	-	2
AESS0339-1	<i>Understand and manage the diversity of public schools</i> - Ariane BAYE	B1	Q2	10	15	-	3

Compulsory courses (B1 : 30Cr)

SMEM0013-1	<i>Final thesis</i> - COLLÉGIALITÉ	B1	TA	-	-	-	28
BIOL0843-1	<i>Preparation to the final thesis</i> - COLLÉGIALITÉ	B1	TA	-	-	-	2

Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en biologie des organismes et écologie, à finalité approfondie" en 2014-2015

Optional courses (B1 : 30Cr)

Follow-up to the focus chosen in first year (B1 : 30Cr)

Research Focus (B1 : 30Cr)

STAT0750-1	<i>Multivariate statistical analysis (software R)</i> - Gentiane HAESBROECK	B1	Q1	10	10	-	2
LANG2971-1	<i>Academic English Writing</i> - Clara BRERETON, Véronique DOPPAGNE, ISLV	B1	Q1	30	-	-	4
DOCU0448-2	<i>Documentation training applied to biology</i> - Ninfa GRECO - [20h Mon. WS]	B1	Q1	-	-	[+]	2
SSTG0040-1	<i>Professional development file</i> - Monique CARNOL, Sandrine MALCHAIR - [30h Mon. WS]	B1	TA	30	-	[+]	7

Choose courses, in agreement with the Jury, totalling 15 ECTS amongst : (B1 : 15Cr)

BIOL0820-1	<i>Morphological specific aspects of vertebrates : functional approach</i> - Eric PARMENTIER	B1	Q2	30	-	-	3
HAAR0091-2	<i>Archaeozoology</i> - Annick GABRIEL	B1	Q2	30	-	-	3
ZOOL0218-4	<i>Aquariology</i> - Christian MICHEL	B1	Q1	30	-	-	3
BIOL0821-1	<i>Natural Biomaterials : ultrastructural and functional aspects</i> - Philippe COMPÈRE	B1	Q2	30	-	-	3
BIOL0114-4	<i>Electronic microscopies</i> - Philippe COMPÈRE	B1	Q2	15	-	-	3
CHIM9236-1	<i>Microstructure of Materials : characterization techniques</i> - Catherine HENRIST	B1	Q2	15	-	-	3
GEOL1022-2	<i>Evolution of the biosphere in the Precambrian</i> - Emmanuelle JAVAUX	B1	Q1	20	10	-	3
NEUR0434-1	<i>Functional Neuroanatomy</i> - JeanChristophe PLUMIER	B1	Q2	30	-	-	3
BIOL0822-1	<i>Advanced Course in Animal Physiology</i> - JeanChristophe PLUMIER	B1	Q2	30	-	-	3
NEUR0435-1	<i>Developmental neurotoxicology</i> - JeanChristophe PLUMIER	B1	Q2	30	-	-	3
BIOL0823-1	<i>Ultrastructural cytochemistry</i> - Philippe COMPÈRE, Marc THIRY	B1	Q2	30	-	-	3
OCEA0080-2	<i>Biochemistry, Physiology and Aquariology, Physiology and</i>	B1	Q1	15	15	-	3

	<i>biochemistry of the marine animals</i> (english language) - Philippe COMPÈRE								
CHIM9212-1	<i>Biological applications of radioelements</i> - Philippe COMPÈRE	B1	Q2	30	-	-	-	-	3
ZOOL0227-1	<i>Genetic foundations of aquaculture</i> - Charles MÉLARD	B1	Q1	30	-	-	-	-	3
GENE0441-1	<i>organelle genetics</i> - Claire REMACLE	B1	Q2	30	-	-	-	-	3
LABO0432-2	<i>Techniques for cells and tissue cultures</i> - MarieClaire GILLET	B1	Q1	30	-	-	-	-	3
GBIO0022-1	<i>Biomimeticism</i> (english language) - Philippe COMPÈRE, Liesbet GERIS, Tristan GILET, Eric PARMENTIER, Davide RUFFONI - [45h Proj.]	B1	TA	15	-	-	-	[+]	3
BIOL0025-1	<i>Animal symbiosis</i> - JeanChristophe PLUMIER	B1	Q2	30	-	-	-	-	3
GBIO0005-2	<i>Introduction to cognitive neurosciences</i> - Gilles VANDEWALLE	B1	Q1	15	15	-	-	-	3
SSTG0023-1	<i>Training : phylogeny and ecology of Macaronesian and Mediterranean flora</i> - Alain HAMBUCKERS, Emmanuel SÉRUSIAUX - [10d FW]	B1	Q2	-	-	-	-	[+]	3
GEOL1023-1	<i>Palynology - advanced course on Paleozoic spores</i> - Philippe STEEMANS	B1	Q2	30	-	-	-	-	3
BOTA0405-1	<i>In vitro culture of plants</i> - Claire KEVERS	B1	Q2	30	-	-	-	-	3
BOTA0410-1	<i>Phylogeny of eukaryotes</i> - Denis BAURAIN	B1	Q1	30	-	-	-	-	3
BIOL0844-1	<i>General biology of cryptogams (bryophyta and lichens)</i> - Emmanuel SÉRUSIAUX, Alain VANDERPOORTEN	B1	Q2	30	-	-	-	-	3
BIOL0826-2	<i>Biogeography and plant and nature conservation</i> - Emmanuel SÉRUSIAUX - [6d FW]	B1	Q2	-	-	-	-	[+]	3
ZOOL0228-1	<i>Demography and dynamics population of mammals and birds</i> - Roland LIBOIS	B1	Q1	30	-	-	-	-	3
ZOOL0230-2	<i>Development and management of freshwater fish population and their habitat</i> - Michaël OVIDIO	B1	Q1	10	18	-	-	-	3
BIOL0828-1	<i>Hydrobiology and Limnology</i> - Anne GOFFART, Célia JOAQUIMJUSTO, JeanPierre THOMÉ	B1	Q1	30	-	-	-	-	3
ENVT0737-2	<i>Transfer and ecotoxicology of the micropollutants in the watery ecosystems</i> - Célia JOAQUIMJUSTO, JeanPierre THOMÉ	B1	Q1	30	-	-	-	-	3
OCEA0062-5	<i>Ecotoxicology and Biodegradation of Marine Pollutants, Marine ecotoxicology</i> (english language) - Krishna DAS	B1	Q1	15	15	-	-	-	3
BIOL0829-1	<i>Case study in ecology</i> - Monique CARNOL	B1	Q1	30	-	-	-	-	3
OCEA0001-3	<i>Oceanology and underwater biology</i> - Sylvie GOBERT	B1	Q2	30	-	-	-	-	3
ZOOL0220-1	<i>Planctonology</i> - Anne GOFFART	B1	Q2	15	30	-	-	-	3
OCEA0050-1	<i>Ecology of the Mediterranean benthos</i> - Sylvie GOBERT, Mathieu POULICEK - [30h FW]	B1	Q1	-	-	-	-	[+]	3
OCEA0144-1	<i>Ecology of the coral reefs</i> (english language) - Mathieu POULICEK	B1	Q1	30	-	-	-	-	3
ENVT0884-1	<i>Ecology and economy of agricultural systems</i> - Alain HAMBUCKERS	B1	Q1	30	-	-	-	-	3
PSYC1063-1	<i>Social ethology</i> - MarieClaude HUYNEN	B1	Q2	30	-	-	-	-	3
PSYC1064-1	<i>Behavioural primatology</i> - MarieClaude HUYNEN	B1	Q1	30	-	-	-	-	3
ZOOL0002-2	<i>Ethology applied to population management</i> - Pascal PONCIN - [1d FW]	B1	Q2	20	-	-	-	[+]	3
ZOOL0232-1	<i>Ethology and amphibian conservation</i> - Mathieu DENOËL - [1d FW]	B1	Q1	20	-	-	-	[+]	3

ZOOL0231-2	<i>Rhythms and behaviour in fish : endocrine aspects</i> - Pascal PONCIN - [1d FW]	B1	Q2	20	-	[+]	3
OCEA0043-2	<i>Ecoethology of the marine animals</i> - Christian MICHEL	B1	Q1	30	-	-	3
VETE0014-1	<i>Domestic Animal Behaviour Science</i> - Marc VANDENHEEDE	B1	Q1	32	-	-	3
PSYC0061-1	<i>Attitudinal neuroscience (Part 3 : cognition and animal neuropsychology)</i> - André FERRARA	B1	Q2	30	-	-	3
PSYC0063-1	<i>Behavioural neuroendocrinology</i> - Charlotte CORNIL	B1	Q1	30	-	-	3
DOCU0455-1	<i>Introduction to critical thinking</i> - Yaël NAZÉ	B1	Q1	10	5	-	3
GENE0003-1	<i>Genomics</i> - Marc HANIKENNE	B1	Q1	20	-	-	3
OCEA0028-1	<i>Impact study in a sea environment : theory and practice</i> - Pierre LEJEUNE	B1	Q1	20	-	-	3
ZOOL2021-1	<i>Ecology and dynamics of freshwater fish populations</i> - Michaël OVIDIO	B1	Q1	10	20	-	3

[...] With the agreement of the jury and the dissertation supervisor, students have the possibility to choose one or two courses from another option or another Masters.

Compulsory courses (B1 : 30Cr)

SMEM0013-1	<i>Final thesis</i> - COLLÉGIALITÉ	B1	TA	-	-	-	28
BIOL0843-1	<i>Preparation to the final thesis</i> - COLLÉGIALITÉ	B1	TA	-	-	-	2

Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en biologie des organismes et écologie, à finalité spécialisée en biologie de la conservation : biodiversité et gestion" en 2014-2015

Optional courses (B1 : 30Cr)

Follow-up to the focus chosen in first year (B1 : 30Cr)

Professional focus in conservation biology : biodiversity and management

SSTG0047-2	<i>Internship: mountain biodiversity and ecology</i> - COLLÉGIALITÉ - [12d FW]	B1	Q1	-	-	[+]	3
BIOD0007-1	<i>Biodiversity Analysis Methods : Community and Populations</i> - Adeline FAYOLLE, Grégory MAHY - [16h AUTR]	B1	Q1	16	16	[+]	3
GEOG2013-1	<i>Introduction to geomorphology, hydrography and hydrology</i> - Geoffrey HOUBRECHTS - [2d FW]	B1	Q1	15	10	[+]	3
SPOL2209-3	<i>Environmental and land policies</i> - Sophie HANSON	B1	Q1	30	-	-	3
GEOG0643-1	<i>Citizen engagement methods and tools</i> - Christine PARTOUNE - [2d FW]	B1	Q1	10	10	[+]	3
GEST3760-1	<i>Project management and immaterial resources</i> - Jocelyne ROBERT	B1	Q1	12	-	-	2
BIOL2033-1	<i>Monitoring of the biodiversity and dynamics of citizen</i> - Johann DELCOURT, Mathieu DENOËL, Alain HAMBUCKERS, Michaël OVIDIO - [8d FW]	B1	Q1	20	24	[+]	4
BIOL2034-1	<i>Applied questions in biodiversity</i> - Emmanuël SÉRUSIAUX	B1	Q1	20	-	-	2
BIOL2035-1	<i>Day trips on the themes of conservation and territory use</i> - Emmanuël SÉRUSIAUX - [8d FW]	B1	Q1	-	-	[+]	3
GEOG0238-3	<i>Geographical Information Systems, Introduction</i> - JeanPaul DONNAY	B1	Q2	15	15	-	2

STAT1751-1	<i>Statistical analysis for conservation biologists</i> - Gentiane HAESBROECK	B1	Q1	10	10	-	-	2
------------	--	----	----	----	----	---	---	---

Notice : The dissertation will be done in a structure external to the University of Liège (public services, companies, NGO) and will concern themes applied in the field of nature conservation. The related placement will be covered by an ad hoc agreement and led by an external placement supervisor. If necessary, students can do their placement in another country but the subject must still relate to subjects associated with continental ecosystems.

Compulsory courses (B1 : 30Cr)

SMEM0013-1	<i>Final thesis</i> - COLLÉGIALITÉ	B1	TA	-	-	-	-	28
BIOL0843-1	<i>Preparation to the final thesis</i> - COLLÉGIALITÉ	B1	TA	-	-	-	-	2