Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr
Compulsory courses (B1 : 52Cr, B2 : 30Cr)							
Specialised courses in Biology and Ecology							
BIOL0852-1	*Ecosystems and climate change* - Monique CARNOL	B1	Q2	24	16	-	**3**
BIOL0810-2	*Conservation biology* - Nicolas MAGAIN	B1	Q2	40	-	-	**4**
BIOL0808-2	*Functional morphology* - *Marine vertebrates* - Eric PARMENTIER - *Birds, mammals, biomimicry* - Eric PARMENTIER - [1d FW]	B1	Q1 15 10	 10 15	 - [+]		**4**
PALE0209-1	*Paleontology* - *Micropaleontology* - Emmanuelle JAVAUX - *Macropaleontology* - Valentin FISCHER, Cyrille PRESTIANNI	B1	Q1 10 15	 - 5	 - -		**3**
BIOL0866-1	*Ecophysiology* - Claire PÉRILLEUX, JeanChristophe PLUMIER	B1	Q1	25	15	-	**3**
Specialised courses in basic Ethology and applied to population management							
BIOL0856-1	*Experimental designs and data processing* - Bruno FREDERICH, Alain HAMBUCKERS	B1	Q1	-	20	-	**3**
BIOL2213-1	*Behavioural ecology* - Mathieu DENOËL, Laurane WINANDY	B1	Q1	20	-	-	**3**
Specialised courses in applied Ecology and Ecotoxicology							
ENVT3045-1	*Ecosystems : conditions, anthropic impacts and management* - Dorothée DENAYER, Célia JOAQUIMJUSTO - [22h Cl. inv.]	B1	Q2	26	-	[+]	**3**
BIOL0854-1	*Ecotoxicology* (english language) - Célia JOAQUIMJUSTO, Yves MARNEFFE	B1	Q1	20	18	-	**4**
Population study and phylogenetics							
BIOL0812-2	*Biogeography* - Alain VANDERPOORTEN	B1	Q2	25	-	-	**3**
GENE0446-2	*Population genetics* - Johan MICHAUX, Claire REMACLE	B1	Q1	25	15	-	**4**
GENE0448-1	*Phylogenetic methods* - Denis BAURAIN	B1	Q1	20	15	-	**3**
BIOL2041-1	*Taxonomy and animal phylogeny* - Loïc MICHEL	B1	Q1	35	25	-	**5**
BIOL2040-1	*Taxonomy and phylogeny of chlorophyll lines* - Nicolas MAGAIN	B1	Q2	25	12	-	**4**
Transversal training							
AESS0320-1	*Initiation to biology didactics* - MarieNoëlle HINDRYCKX	B1	TA	20	20	-	**3**
SMEM0013-1	*Final thesis* - COLLÉGIALITÉ	B2	TA	-	-	-	**27**
	Notice : 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	*Preparing a dissertation in the biology of organisms and ecology* - Monique CARNOL - [15h Mon. WS]	B2	Q1	15	-	[+]	**3**
Optional courses (B1 : 8Cr, B2 : 30Cr)							
In agreement with the Jury, choose 2 courses for a total of 8 credits among: (B1 : 8Cr)							
SSTG0046-1	*Naturalistic building upon applied in conservation* - Nicolas MAGAIN - [8d FW]	B1	TA	-	-	[+]	**4**
SSTG0066-1	*Internship: ecology applied to monitoring and preserving biodiversity* - Mathieu DENOËL, Bruno FREDERICH, Nicolas MAGAIN, Loïc MICHEL, Laurane WINANDY - [8d FW]	B1	TA	-	-	[+]	**4**
SSTG0024-1	*Training: biodiversity, phylogeny and ecology* - Bruno FREDERICH, Véronique GOOSSE, Alain HAMBUCKERS, Loïc MICHEL,	B1	TA	-	-	[+]	**5**

	OBERTY, Laurane WINANDY - [10d FW]						
SSTG0064-1	*Applied biogeography* - Alain VANDERPOORTEN - [6d FW]	B1	TA	-	-	[+]	**3**
SSTG0053-1	*Integrated ethometry internship* - Fany BROTCORNE, Mathieu DENOËL - [4d FW]	B1	Q2	-	10	[+]	**3**

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

Research Focus (B2 : 30Cr)

Choose one module from : (B2 : 15Cr)

Module: Basic ethology and applied to population management (B2 : 15Cr)

Choose courses for a minimum of 15 credits from: (B2 : 15Cr)

General courses in ethology

BIOL1063-1	*Social ethology* - Fany BROTCORNE, Laurane WINANDY	B2	Q1	30	-	-	**5**
PSYC0063-1	*Behavioural neuroendocrinology* - Charlotte CORNIL	B2	Q1	30	-	-	**5**
BIOL0857-1	*Behavioural neuroscience and animal cognition* - Mohamed Ali BAHRI, André FERRARA, Gilles VANDEWALLE	B2	Q1	18	12	-	**5**
BIOL0858-1	*Animal communication* - Fany BROTCORNE, Eric PARMENTIER, JeanChristophe PLUMIER	B2	Q1	20	10	-	**5**
ANTH0057-1	*Anthropology of the nature of animals* - Véronique SERVAIS	B2	Q1	30	-	-	**5**

Ethology of wildlife and management of fauna

BIOL1064-1	*Behavioural primatology* - Fany BROTCORNE	B2	Q1	30	-	-	**5**
RAVT0002-2	*Eco-ethology and wildlife conservation* - Pascal PONCIN - [1d FW]	B2	Q2	20	-	[+]	**5**
VETE0014-1	*Domestic Animal Behaviour Science* - Marc VANDENHEEDE	B2	Q1	32	-	-	**5**
BIOL0859-1	*Insect behaviour* - Frédéric FRANCIS, François VERHEGGEN	B2	Q1	20	10	-	**5**
ZOOL2021-1	*Ecology and dynamics of freshwater fish populations* - *Theory* - Michaël OVIDIO - *Practice* - Michaël OVIDIO	B2	Q1 10 -	 - 20	 - -		**5**
SSTG0062-1	*Internship: Ecology and the conservation of freshwater communities and amphibians* - Mathieu DENOËL - [13d FW]	B2	TA	-	-	[+]	**5**

Module: Biology, Ecology and Ecotoxicology (B2 : 15Cr)

Choose courses for a minimum of 15 credits from: (B2 : 15Cr)

Applied ecology and ecotoxicology

BIOL0860-1	*Soil ecotoxicology and bioremediation* - Monique CARNOL, Marc HANIKENNE, Célia JOAQUIMJUSTO	B2	Q1	24	12	-	**5**
BIOL0861-1	*Integrated management of entomological biodiversity* - Rudy CAPARROS MEGIDO, Frédéric FRANCIS	B2	Q1	15	15	-	**5**
OCEA0084-1	*Marine ecotoxicology* (english language) - Krishna DAS - [15h Mon. WS]	B2	Q1	15	-	[+]	**5**
BIOL0862-1	*Quantification of the environmental risk associated with pollutants and decision-making* (english language) - Célia JOAQUIMJUSTO	B2	Q1	16	8	-	**5**
OCEA0227-1	*Tools for analysis and assistance for integrated management* - JeanFrançois DELIÈGE, Sylvie GOBERT	B2	Q1	15	15	-	**5**

Biology and Ecology

BOTA0410-1	*Phylogeny of eukaryotes* - Denis BAURAIN	B2	Q1	30	-	-	**5**
BIOL0025-1	*Animal symbiosis* - Stéphane ROBERTY	B2	Q1	15	15	-	**5**
BIOL0030-1	*Modeling dynamical biological systems* (english language) - Marilaure GRÉGOIRE, Patrick MEYER - [15h Mon. WS]	B2	Q1	15	-	[+]	**5**
OCEA0085-1	*Methods of investigation, observation and analysis of marine plankton* - Anne GOFFART - [12h Mon. WS]	B2	Q1	10	5	[+]	**5**
OCEA0223-1	*Biodiversity of tropical coastal regions: study and intercultural context* - Bruno FREDERICH, Gilles LEPOINT, Aliénor PIRLET, Richard RASOLOFONIRINA - [12d FW]	B2	Q2	10	-	[+]	**5**
BIOL0820-1	*Morphological specific aspects of vertebrates : functional approach* - Eric PARMENTIER	B2	Q2	30	-	-	**5**
CHIM9212-1	*Biological applications of radioelements* - Philippe COMPÈRE	B2	Q2	30	-	-	**5**
BIOL2042-1	*Population Biology* - Johan MICHAUX - [3d FW]	B2	Q2	10	-	[+]	**5**
BIOL0821-1	*Natural Biomaterials : ultrastructural and functional aspects* - Philippe COMPÈRE	B2	Q2	30	-	-	**5**
GBIO0022-1	*Biomimicry* (english language) - Philippe COMPÈRE, Tristan GILET, Davide RUFFONI - [45h Proj.]	B2	TA	15	-	[+]	**5**
GEOG0238-5	*Geographical Information Systems, Introduction* - Roland BILLEN, François JONARD	B2	Q1	15	15	-	**5**

With the jury's agreement, choose courses for a maximum of 15 credits from the module courses or the list of optional courses. It is recommended to choose a maximum of courses in the same module. (B2 : 15Cr)

[...] the module courses:

[...] the optional courses list:

HAAR0091-1	*Archaeozoology* - Annick GABRIEL	B2	Q1	15	15	-	**3**
GEOL0099-1	*Biodiversity and extinctions* (english language) - Valentin FISCHER - [2d FW]	B2	Q1	25	-	[+]	**3**
GEOL1022-2	*Origin and early evolution of life* (english language) - Emmanuelle JAVAUX	B2	Q1	20	10	-	**3**
GEOL0263-1	*Astrobiology* (english language) - Vincianne DEBAILLE, Véronique DEHANT, Emmanuelle JAVAUX, Yaël NAZÉ, Annick WILMOTTE	B2	Q2	45	-	-	**3**
BIOL0114-4	*Electronic microscopies, Part A* - Philippe COMPÈRE	B2	Q2	15	-	-	**3**
CHIM9236-1	*Microstructure of materials : characterization techniques, Part A* - Catherine HENRIST	B2	Q2	15	-	-	**3**
NEUR0434-1	*Functional Neuroanatomy* - JeanChristophe PLUMIER	B2	Q2	30	-	-	**3**
BIOL0822-1	*Environmental physiology* (english language) - JeanChristophe PLUMIER	B2	Q1	10	20	-	**3**
BIOL0823-1	*Ultrastructural cytochemistry* - Philippe COMPÈRE, Marc THIRY	B2	Q2	30	-	-	**3**
OCEA0083-1	*Physiology and biochemistry of the marine animals* (english language) - Philippe COMPÈRE	B2	Q1	15	15	-	**3**
GENE0003-1	*Genomics* - Marc HANIKENNE	B2	Q2	20	-	-	**3**
OCEA0226-1	*Introduction to aquaculture* - Carole ROUGEOT	B2	Q1	30	-	-	**3**
GENE0441-1	*Organelle genetics* - *Part A* - Claire REMACLE - *Part B* - Claire REMACLE	B2	Q2 15 15	 - -	 - -		**3**
LABO0432-1	*Techniques for cells and tissue cultures* - Erik MAQUOI	B2	Q1	8	20	-	**3**

ZOOL0230-2	*Methods to count and monitor freshwater fish populations* - Michaël OVIDIO - [4d FW]	B2	Q2	10	-	[+]	**3**
ZOOL0218-4	*Aquariology* - Marie BOURNONVILLE	B2	Q1	20	-	-	**3**
OCEA0144-1	*Biology of the coral reefs* - Stéphane ROBERTY	B2	Q1	30	-	-	**3**
OCEA0027-1	*Applications of stable isotopes in marine sciences* - Gilles LEPOINT, Loïc MICHEL	B2	Q1	15	15	-	**3**
BIOC9245-1	*Macromolecules chemistry* - Moreno GALLENI, Loïc QUINTON	B2	Q2	20	10	-	**3**
OCEA0230-1	*Marine invertebrate zoology* (english language) - Loïc MICHEL	B2	Q1	20	10	-	**3**
DOCU0455-1	*Introduction to critical thinking* - *Theory* - Yaël NAZÉ - *Practice* - Yaël NAZÉ	B2	Q2 10 -	 - 6	 - -		**3**
LANG2971-2	*Academic English Writing* (english language) - Clara BRERETON, Véronique DOPPAGNE	B2	Q1	25	-	-	**3**
LANG4007-1	*English - oral expression* (english language) - Clara BRERETON, Véronique DOPPAGNE	B2	Q2	-	25	-	**3**

Exceptionally, and in agreement with the Jury, one or several courses may be chosen from the courses' programmes of other field of education of the Faculty of Sciences, other faculties or other universities (for example, in connection with the final dissertation, etc.).

Teaching focus (B2 : 30Cr)

AESS1217-1	*Special didactics in biology : course and exercises (1st part)* - MarieNoëlle HINDRYCKX **Corequisite :** 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	*Special didactics in biology : placements (1st part)* - *Observation placements* - MarieNoëlle HINDRYCKX - [10h Internship] - *Teaching placements* - MarieNoëlle HINDRYCKX - [20h Internship] - *Reflexive practical work* - MarieNoëlle HINDRYCKX **Corequisite :** 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	 [+] [+] -		**3**
AESS2217-1	*Special didactics in biology : course and exercises (part II)* - MarieNoëlle HINDRYCKX - [1d FW] **Corequisite :** 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	*Special didactics in biology : placements (2nd part)* - *Teaching placements* - MarieNoëlle HINDRYCKX - [20h Internship] - *Reflexive practical work* - MarieNoëlle HINDRYCKX - *Extra-scholar teaching activities* - MarieNoëlle HINDRYCKX **Corequisite :** 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 10	 [+] - -		**5**
AESS0202-1	*General didactics: course and exercises ; observation placements ; reflexive practices* - Annick FAGNANT - [10h Internship]	B2	TA	30	10	[+]	**4**

Corequisite :
AESS1218-1 - Didactique spéciale en biologie : stages (partim I)
AESS1217-1 - Didactique spéciale en biologie : cours et exercices (partim I)

AESS0246-1	*Analysis of scholastic institutions and educational policies* - Annelise VOISIN	B2	Q2	15	-	-	**1**
AESS0248-1	*Elements of sociology of education* - JeanFrançois GUILLAUME	B2	Q2	10	-	-	**1**
AESS0004-1	*Media education* - Jeremy HAMERS	B2	Q1	15	-	-	**1**
AESS0249-1	*Interdisciplinary seminar* - Annick FAGNANT	B2	Q2	15	-	-	**1**
AESS0140-1	*Professional ethics and training to neutrality and citizenship* - Anne HERLA	B2	Q2	25	-	-	**2**
AESS0143-1	*Educational Psychology of adolescents and young adults* - Annick FAGNANT	B2	Q1	15	-	-	**2**
AESS0339-1	*Understand and manage the diversity of public schools* - Ariane BAYE	B2	TA	10	15	-	**3**

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

SSTG0063-1	*Professional development internship* - Alain HAMBUCKERS - [20d FW]	B2	TA	-	-	[+]	**4**
SSTG0047-2	*Internship: mountain biodiversity and ecology* - COLLÉGIALITÉ - [12d FW] **Prerequisite :** SSTG0046-1 - Perfectionnement naturaliste appliqué en conservation	B2	Q1	-	-	[+]	**3**
GEOG2013-1	*Introduction to geomorphology, hydrography and hydrology* - Geoffrey HOUBRECHTS - [2d FW]	B2	Q1	15	10	[+]	**3**
SPOL2209-3	*Environmental and land policies* - Sophie HANSON	B2	Q1	30	-	-	**3**
GEOG2024-2	*Territorial diagnosis workshops and qualitative methods, Part 1* - Serge SCHMITZ	B2	Q1	15	25	-	**3**
GEST3760-1	*Project management and immaterial resources* - Sabine HAINE	B2	Q1	12	-	-	**2**
BIOL2033-1	*Monitoring of the biodiversity and dynamics of citizen* - Alain HAMBUCKERS, Michaël OVIDIO - [8d FW]	B2	Q1	20	24	[+]	**4**
BIOL2034-1	*Applied questions in biodiversity* - Dorothée DENAYER, Nicolas MAGAIN	B2	TA	20	-	-	**2**
SSTG2035-1	*Day trips on the themes of conservation and land use* - Nicolas MAGAIN - [8d FW]	B2	TA	-	-	[+]	**3**
GEOG0238-5	*Geographical Information Systems, Introduction* - 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

Specialised focus in integrated management of aquatic resources and aquaculture (B2 : 30Cr)

ZOOL0234-1	*Diversity of halieutic species and breeding: fish, shellfish and molluscs* - Bruno FREDERICH	B2	Q1	15	10	-	**3**
ZOOL0235-1	*Physiology applied to aquaculture: a balance between productivity and respect for animal well-being* - Carole ROUGEOT	B2	Q1	40	20	-	**4**
BIOL0218-1	*Ecological monitoring and managing fishery resources* - Michaël OVIDIO	B2	Q1	10	15	-	**3**

BIOL0219-1	*Ecology and the production of algae: digital concepts and applications* - Damien SIRJACOBS	B2	Q2	10	10	-	**3**
ZOOL0236-1	*Ecology and the production of zooplanktonic organisms* - Célia JOAQUIMJUSTO	B2	Q2	10	10	-	**3**
BIOL0220-1	*Operation and integrated management of continental aquatic environments* - Michaël OVIDIO	B2	Q2	10	10	-	**3**
ZOOL0237-1	*Aquaculture production system: adaptability, innovation and integration in a sustainable environment* - Carole ROUGEOT - [16h Vis.]	B2	Q1	40	20	[+]	**4**
GEOG0272-1	*Economic issues and exploitation of the marine aquatic environment* - Guénaël DEVILLET	B2	Q2	10	10	-	**3**

In agreement with the Jury, choose 2 courses for a total of 4 credits among: (B2 : 4Cr)

HULG2012-2	*Fish and shellfish nutrition and feeding* - Patrick KESTEMONT	B2	Q1	15	-	-	**2**
VETE0206-1	*Immunology, virology and vaccinology of aquatic species* - Alain VANDERPLASSCHEN	B2	Q1	18	2	-	**2**
VETE0207-1	*Pathology, bacteriology and parasitology of aquatic species* - Thierry JAUNIAUX	B2	Q2	15	10	-	**2**
VETE2007-1	*Management of the quality and safety of foodstuffs derived from aquaculture and fishing* - Antoine CLINQUART, Véronique DELCENSERIE, Nicolas KORSAK KOULAGENKO, MarieLouise SCIPPO - [5h Vis.]	B2	Q2	15	-	[+]	**2**
ZOOL0238-1	*Integration of aquaponic aquaculture systems into urban and semi-urban agriculture* - Haissam JIJAKLI	B2	Q1	12	-	-	**2**

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 : 38Cr)

BIOL0518-4	*Biodiversity and ecology* - *Notions and concepts* - Gabriel CASTILLO CABELLO, Bruno FREDERICH, Eric PARMENTIER - *Stage d'écologie marine* - Eric PARMENTIER - [5d FW]	B0	TA 60 -	 - -	 - [+]		**9**
BIOL0216-1	*Animal physiology* - JeanChristophe PLUMIER, Marc THIRY	B0	Q1	60	30	-	**7**
BIOL0217-2	*Vegetal physiology, Theory* - Claire PÉRILLEUX	B0	Q2	35	-	-	**3**
BIOL2036-1	*The biodiversity of the Anthropocene* - Sylvie GOBERT - [15h Mon. WS]	B0	Q1	5	5	[+]	**2**
BIOL2037-1	*Introduction to evolutionary biology* - Nicolas MAGAIN - [1d FW]	B0	Q2	30	20	[+]	**4**
BIOL2038-1	*Soil ecology and microbiology* - Monique CARNOL - [1d FW]	B0	Q1	25	10	[+]	**3**
BIOL2039-2	*Freshwater ecology, Theory* - Anne GOFFART, Véronique GOOSSE, Célia JOAQUIMJUSTO	B0	Q2	18	2	-	**2**
BIOC9244-1	*Genetics and introduction to molecular ecology* - Marc HANIKENNE	B0	Q1	20	10	-	**2**
BIOL0867-1	*Introduction to aquaculture and managing aquatic resources* - Michaël OVIDIO, Carole ROUGEOT	B0	Q2	15	-	-	**2**
STAT0750-1	*Multivariate statistical analysis (software R)* - Arnout VAN MESSEM	B0	Q2	10	10	-	**3**

DOCU0460-1	*Training in the use of documentary resources in biology(refresher course)* - Hassan BOUGRINE, Monique CARNOL	B0	Q1	6	6	-	**1**

Optional courses (B0 : 22Cr)

In agreement with the Jury, if necessary choose courses from: (B0 : 22Cr)

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

BIOL0003-1	*Biology of pluricellular organisms* - *Animal* - Loïc MICHEL - *Plant Biology* - Claire PÉRILLEUX	B0	Q1 15 15	 15 15	 - -		**5**

List of option courses

HAAR0091-1	*Archaeozoology* - Annick GABRIEL	B2	Q1	15	15	-	**3**
GEOL0099-1	*Biodiversity and extinctions* (english language) - Valentin FISCHER - [2d FW]	B2	Q1	25	-	[+]	**3**
GEOL1022-2	*Origin and early evolution of life* (english language) - Emmanuelle JAVAUX	B2	Q1	20	10	-	**3**
GEOL0263-1	*Astrobiology* (english language) - Vincianne DEBAILLE, Véronique DEHANT, Emmanuelle JAVAUX, Yaël NAZÉ, Annick WILMOTTE	B2	Q2	45	-	-	**3**
BIOL0114-4	*Electronic microscopies, Part A* - Philippe COMPÈRE	B2	Q2	15	-	-	**3**
CHIM9236-1	*Microstructure of materials : characterization techniques, Part A* - Catherine HENRIST	B2	Q2	15	-	-	**3**
NEUR0434-1	*Functional Neuroanatomy* - JeanChristophe PLUMIER	B2	Q2	30	-	-	**3**
BIOL0822-1	*Environmental physiology* (english language) - JeanChristophe PLUMIER	B2	Q1	10	20	-	**3**
BIOL0823-1	*Ultrastructural cytochemistry* - Philippe COMPÈRE, Marc THIRY	B2	Q2	30	-	-	**3**
OCEA0083-1	*Physiology and biochemistry of the marine animals* (english language) - Philippe COMPÈRE	B2	Q1	15	15	-	**3**
GENE0003-1	*Genomics* - Marc HANIKENNE	B2	Q2	20	-	-	**3**
OCEA0226-1	*Introduction to aquaculture* - Carole ROUGEOT	B2	Q1	30	-	-	**3**
GENE0441-1	*Organelle genetics* - *Part A* - Claire REMACLE - *Part B* - Claire REMACLE	B2	Q2 15 15	 - -	 - -		**3**
LABO0432-1	*Techniques for cells and tissue cultures* - Erik MAQUOI	B2	Q1	8	20	-	**3**
ZOOL0230-2	*Methods to count and monitor freshwater fish populations* - Michaël OVIDIO - [4d FW]	B2	Q2	10	-	[+]	**3**
ZOOL0218-4	*Aquariology* - Marie BOURNONVILLE	B2	Q1	20	-	-	**3**
OCEA0144-1	*Biology of the coral reefs* - Stéphane ROBERTY	B2	Q1	30	-	-	**3**
OCEA0027-1	*Applications of stable isotopes in marine sciences* - Gilles LEPOINT, Loïc MICHEL	B2	Q1	15	15	-	**3**
BIOC9245-1	*Macromolecules chemistry* - Moreno GALLENI, Loïc QUINTON	B2	Q2	20	10	-	**3**
OCEA0230-1	*Marine invertebrate zoology* (english language) - Loïc MICHEL	B2	Q1	20	10	-	**3**
DOCU0455-1	*Introduction to critical thinking* - *Theory* - Yaël NAZÉ - *Practice* - Yaël NAZÉ	B2	Q2 10 -	 - 6	 - -		**3**
LANG2971-2	*Academic English Writing* (english language) - Clara BRERETON, Véronique DOPPAGNE	B2	Q1	25	-	-	**3**
LANG4007-1	*English - oral expression* (english language) - Clara BRERETON, Véronique DOPPAGNE	B2	Q2	-	25	-	**3**