

Cycle view of the study programme

B1 Or Th Pr Au Cr

Compulsory course (B1 : 26Cr)

SMEM0018-1 *Final thesis - COLLÉGIALITÉ* B1 TA - - - 26

Optional courses (B1 : 34Cr)

In agreement with the Jury, choose the subject below not taken during the study programme of the 3rd year of bachelor in biology or in Block 0 : (B1 : 1Nbr)

Option Biochemistry and Molecular and Cellular Biology (B1 : 22Cr)

GENE9002-1	<i>Molecular biology of gene I</i> - Franck DEQUIEDT	B1	Q1	30	-	-	3
GENE9003-1	<i>Molecular biology of gene II</i> - Franck DEQUIEDT	B1	Q2	30	30	-	4
BIOC9242-1	<i>Biological Macromolecules Chemistry</i> - Moreno GALLEN, Loïc QUINTON	B1	Q1	40	-	-	4
BIOC9243-1	<i>Introduction to Enzymology</i> - Moreno GALLEN, André MATAGNE	B1	Q2	20	40	-	4
BIOL0024-1	<i>Molecular physiology of the cell</i> - Patrick MOTTE	B1	Q2	15	10	-	2
STRA0038-1	<i>Seminars</i> - Moreno GALLEN - [4h Vis. Ind. Pl.]	B1	Q1	5	-	[+]	1
STRA0044-1	<i>Training in scientific communication</i> - Jacques DOMMES, Patrick MOTTE - [50h Internship]	B1	Q2	-	-	[+]	4

Option Biology of Organisms and Ecology (B1 : 22Cr)

BIOC9244-1	<i>Molecular genetics and biology</i> - Jacques DOMMES	B1	Q1	20	10	-	3
BIOC9245-1	<i>Macromolecules chemistry</i> - Moreno GALLEN, Loïc QUINTON	B1	Q2	20	10	-	3
BIOL2036-1	<i>Animal Biodiversity Measures and Applications</i> - Sylvie GOBERT, Mathieu POULICEK	B1	Q1	10	15	-	2
BIOL2037-1	<i>Biodiversity : introduction to evolutionary biology and description of vegetation</i> - Emmanuël SÉRUSIAUX - [1d FW]	B1	Q2	30	20	[+]	4
BIOL2038-1	<i>Grounds ecology and microbiology</i> - Monique CARNOL - [1d FW]	B1	Q1	25	10	[+]	3
BIOL2039-1	<i>Freshwater Ecology</i> - Véronique GOOSSE, Célia JOAQUIMJUSTO, JeanPierre THOMÉ - [3d FW]	B1	Q2	15	-	[+]	3
STRA0045-1	<i>Training in scientific communication</i> - Monique CARNOL, Patrick DAUBY - [50h Internship]	B1	Q2	-	-	[+]	4

Choose courses, with the approval of the Jury, totalling 12 credits among : (B1 : 12Cr)

Biochemistry and Molecular and Cell Biology

BIOC0210-5	<i>Functional properties of biological macromolecules</i> - André MATAGNE - [10h Mon. WS]	B1	Q1	20	-	[+]	3
BIOC0720-2	<i>Structure of biological macromolecules</i> - Paulette CHARLIER - [5h Mon. WS]	B1	Q1	15	-	[+]	2
BIOC0721-1	<i>Optical properties of biological macromolecules</i> - Christian DAMBLON, André MATAGNE	B1	Q1	15	-	-	2
BIOC0709-4	<i>Bioenergetics</i> - Pierre CARDOL, Fabrice FRANCK	B1	Q1	20	-	-	2
GENE0001-4	<i>Genetic engineering</i> - Jacques DOMMES	B1	Q1	20	-	-	2
BIOL0008-1	<i>Bioinformatics</i> - Denis BAURAIN	B1	Q1	25	-	-	3
BIOL0009-1	<i>Molecular and cellular animal physiology</i> - Marc THIRY	B1	Q1	15	-	-	2
BIOL0010-1	<i>Molecular and cellular plant physiology</i> - Patrick MOTTE	B1	Q1	15	-	-	2
GENE0003-1	<i>Genomics</i> - Marc HANIKENNE	B1	Q1	20	-	-	2
BIOC0003-2	<i>Biochemistry and physiology of the micro-organisms</i> - Bernard JORIS	B1	Q1	20	-	-	2

BIOL0021-1	<i>Biology of the systems</i> - Patrick MEYER - [10h Mon. WS]	B1	Q2	10	-	[+]	1
AESS0320-2	<i>Initiation to biology didactics</i> - MarieNoëlle HINDRYCKX	B1	Q2	20	-	-	2
Biology of Organisms and ecology							
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> - Emmanuel SÉRUSIAUX	B1	Q2	25	15	-	3
BIOL2041-1	<i>Animal taxonomy and phylogeny</i> - Patrick DAUBY	B1	Q1	40	30	-	5
GENE0448-1	<i>Phylogenetic methods</i> - Denis BAURAIN	B1	Q1	20	15	-	3
PALE0209-1	<i>Paleontology</i> - Valentin FISCHER, Philippe GERRIENNE, Emmanuelle JAVAUX	B1	Q1	40	30	-	8
BIOL0808-2	<i>Functional morphology</i> - Eric PARMENTIER - [1d Vis.]	B1	Q1	20	25	[+]	4
BIOL0809-1	<i>Ecophysiology, ethology</i> - Mathieu DENOËL, Claire PÉRILLEUX, JeanChristophe PLUMIER - [3d FW]	B1	Q1	40	15	[+]	8
BIOL0810-2	<i>Conservation Biology</i> - Emmanuel SÉRUSIAUX - [1d FW]	B1	Q2	40	20	[+]	8
BIOL0811-1	<i>Natural resources and ecosystem disruptions</i> - Monique CARNOL, JeanPierre THOMÉ - [2d FW]	B1	Q2	40	30	[+]	8
BIOL0812-2	<i>Biogeography</i> - Johan MICHAUX, Alain VANDERPOORTEN - [3d FW]	B1	Q2	30	-	[+]	5
BIOL2042-1	<i>Population Biology</i> - Johan MICHAUX - [3d FW]	B1	Q2	10	-	[+]	3
Environmental management							
ENV0034-1	<i>Environmental data management</i> - Philippe ANDRE, AnneClaude ROMAIN, Bernard TYCHON	B1	Q1	12	12	-	2
ENV0013-3	<i>Assessment tools (impact assessment, LCA)</i> - Alain HANSON, Nathalie SEMAL	B1	Q2	12	12	-	2
ENV03053-1	<i>Introduction to Social Science</i> - Michel DACCACHE	B1	Q1	12	12	-	2
ENV03054-1	<i>Methodological Approach to Environmental Science, Part 1: Expression and reflexivity</i> - Philippe ANDRE, Vincent DEBBAUT, AnneClaude ROMAIN - Suppl : Fabien CLAUDE	B1	Q1	12	12	-	2
ENV03054-2	<i>Methodological Approach to Environmental Science, Partim 2 : Project</i> - Philippe ANDRE, Vincent DEBBAUT, Ninfa GRECO, AnneClaude ROMAIN - Suppl : Fabien CLAUDE - [36h Mon. WS]	B1	Q2	-	12	[+]	4

Notice : Students who choose the two courses from the "Environmental Science and Management" module will have direct access to the 2nd year of the Masters in Environmental Science and Management, organised on the Arlon campus. The other students will also have access to the 2nd year of the Masters in Environmental Science and Management, provided they take courses corresponding to these 12 ECTS in addition to the 60 ECTS of this year of study.

Additional ECTS Master in biology

Compulsory courses (B0 : 38Cr)

BIOL0003-1	<i>Biology of pluricellular organisms</i> - <i>Animal</i> - MarieFrance VERSALI - <i>Plant Biology</i> - Claire PÉRILLEUX	B0	Q1	15	15	-	5
STAT0076-1	<i>General statistics</i> - N... - Suppl : Catherine TIMMERMANS	B0	Q1	30	20	-	4
STAT0077-1	<i>Computing analysis and processing of biological data</i> -	B0	Q2	25	-	-	2

EYER

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
LANG0082-1	<i>English 3 (english language)</i> - Clara BRERETON, Véronique DOPPAGNE, Ellen HARRY, ISLV	B0	TA	45	-	-			4
PHIL1106-1	<i>Philosophy and bioethics</i> - Part : <i>Philosophy</i> - Julien PIERON - Part : <i>Bioethics</i> - Florence CAEYMAEX, Jacques DOMMES, Vincent GEENEN	B0	Q2	15	-	-			2

Optional courses (B0 : 22Cr)

Choose, in accordance with the Jury, 1 option among : (B0 : 1Nbr)

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GENE9002-1	<i>Molecular biology of gene I</i> - Franck DEQUIEDT	B0	Q1	30	-	-			3
GENE9003-1	<i>Molecular biology of gene II</i> - Franck DEQUIEDT	B0	Q2	30	30	-			4
BIOC9246-1	<i>Chemistry of biological macromolecules, including Thermodynamics of biological systems</i> - Moreno GALLEN, Loïc QUINTON	B0	Q1	50	-	-			4
BIOC9243-1	<i>Introduction to Enzymology</i> - Moreno GALLEN, André MATAGNE	B0	Q2	20	40	-			4
BIOL0024-1	<i>Molecular physiology of the cell</i> - Patrick MOTTE	B0	Q2	15	10	-			2
STRA0038-1	<i>Seminars</i> - Moreno GALLEN - [4h Vis. Ind. Pl.]	B0	Q1	5	-	[+]			1
STRA0044-1	<i>Training in scientific communication</i> - Jacques DOMMES, Patrick MOTTE - [50h Internship]	B0	Q2	-	-	[+]			4

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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
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