

A single year

Compulsory course

SMEM0018-1 *Final thesis* - COLLÉGIALITÉ - - - **28**

Optional courses

Choose the option below that was not taken in the first year of the Bachelor degree in biological sciences :

Option Biochemistry and Molecular and Cellular Biology

GENE0210-1	<i>Genetics and molecular biology</i> - Joseph MARTIAL	60	30	-	8
BIOC0209-3	<i>Chemistry of biological macromolecules</i> - Moreno GALLEN, André MATAGNE - [4h Vis. Ind. Pl.]	60	40	[+]	9
MICR0001-1	<i>Complements of microbiology (including bacterial physiology)</i> - Vincent DEMOULIN, Bernard JORIS, Jacques PIETTE - Suppl : Anne GOFFART, Olivier GUILLITTE	30	-	-	3
STRA0008-1	<i>Bibliographical research and student seminars, 50 h.</i> - Jacques DOMMES, Patrick MOTTE - [50h Internship]	-	-	[+]	4

Option Biology of Organisms and Ecology

BIOC0001-1	<i>Genetic, molecular biology and chemistry of biological macromolecules</i> - Jacques DOMMES, Moreno GALLEN	30	30	-	6
BIOL0516-2	<i>Ecology and Biodiversity</i> - Monique CARNOL, Emmanuël SÉRUSIAUX, Jean-Pierre THOMÉ, Pierre VANDEWALLE - [6d FW]	125	-	[+]	14
STRA0009-1	<i>Documentation, training course and seminars (student)</i> - Monique CARNOL, Patrick DAUBY, Roland LIBOIS - [50h Internship]	-	-	[+]	4

Choose courses totalling 8 ECTS from the following :

Biochemistry and Molecular and Cell Biology

BIOC0210-4	<i>Functional properties of biological macromolecules</i> - Edwin DE PAUW, André MATAGNE - [15h Mon. WS]	30	20	[+]	5
CHIM9218-1	<i>Biospectroscopy and nuclear magnetic resonance applied to biology</i> - Christian DAMBLON - [15h Mon. WS]	20	-	[+]	3
BIOC9233-1	<i>Structure and Dynamic of biological macromolecules</i> - Paulette CHARLIER, André MATAGNE - [20h Mon. WS]	20	20	[+]	4
BIOC0709-2	<i>Bioenergetics</i> - Fabrice FRANCK, Francis SLUSE - Suppl : Pierre CARDOL, Fabrice FRANCK - [15h Mon. WS]	30	20	[+]	5
BIOL0803-2	<i>Molecular and cellular physiology</i> - Patrick MOTTE, Francis SLUSE - Suppl : Marc MULLER, Marc THIRY	40	20	-	5
BIOC0710-2	<i>Metabolic pathways</i> - Fabrice FRANCK	15	20	-	2
GENE0001-3	<i>Genetic engineering</i> - Jacques DOMMES, Joseph MARTIAL	30	20	-	4
BIOL0804-2	<i>Developmental Biology</i> - Bernard PEERS, Claire PÉRILLEUX	25	20	-	3
GENE0432-3	<i>Genetic and biochemical aspects of evolution</i> - Vincent DEMOULIN, Moreno GALLEN, Claire REMACLE - Suppl : Denis BAURAIN	25	20	-	2
BIOC0003-2	<i>Biochemistry and physiology of the micro-organisms</i> - Bernard JORIS	20	20	-	2
MICR0207-2	<i>Further Immunology</i> - Catherine SADZOT	15	20	-	2
CHIM0059-4	<i>Industrial Microbiology</i> - Philippe THONART	15	20	-	2

Biology of Organisms and ecology

GENE0438-1	<i>Evolutionary genetics</i> - Vincent DEMOULIN, Johan MICHAUX, Claire REMACLE - Suppl : Denis BAURAIN	30	30	-	4
BIOL0807-1	<i>Taxonomy and Phylogeny</i>				8
	- <i>Methodological part</i> - Alain VANDERPOORTEN	10	-	-	
	- <i>Plant part</i> - Emmanuël SÉRUSIAUX	20	15	-	
	- <i>Animal part</i> - Patrick DAUBY	40	30	-	
PALE0209-1	<i>Paleontology</i> - Philippe GERRIENNE, Emmanuelle JAVAUX, Edouard POTY	40	30	-	8
BIOL0808-2	<i>Functional morphology</i> - Pierre VANDEWALLE - [1d Vis.]	20	25	[+]	4
ANAT0223-1	<i>Embryology</i> - Vincent GEENEN	20	15	-	4

BIOL0809-1	<i>Ecophysiology, ethology</i> - Mathieu DENOËL, Claire PÉRILLEUX, Jean-Christophe PLUMIER, Pascal PONCIN	40	30	-	8
BIOL0810-1	<i>Conservation Biology</i> - Marc MORMONT, Emmanuël SÉRUSIAUX - [3d FW]	40	20	[+]	8
BIOL0811-1	<i>Natural resources and ecosystem disruptions</i> - Monique CARNOL, Jean-Pierre THOMÉ - [2d FW]	40	30	[+]	8
BIOL0812-2	<i>Biogeography</i> - Johan MICHAUX, Alain VANDERPOORTEN - [4d FW]	40	-	[+]	8