

BIOLOGY				
B.A.1		<i>All classes in French</i>		
FALL SEMESTER	Teacher	hours	ECTS	Credit Hours
French as a second language (oral and written) compulsory for all exchange students . Beginners, advanced, intermediate	Mrs Delavaud & Papin	36 H	8	
French literature and civilisation for exchange students	Mrs Delavaud	12 H	3	
Tuition in French oral expression		12 H	3	
U.E. 11: Core Classes 1				
BIO 111 Atomistic	Mr Seiller/Mignan	21,5 H	3	2
BIO 112 General chemistry	Mr Mr Bouayad/Mignan/Millan	30 H	3	3
BIO 113 General biology 1	Mr Le Carret/Le Gentil/Onillon	48 H	4	4
BIO 114 Genetics and cellular biology	Mr Coradin/Luzet	32 H	2	3
BIO 115 Mathematics	Mr Gendronneau/Simza	24 H	2	2
BIO 116 Mechanics	Mr Hssein	15 H	2	1
BIO 117 Earth processes and physical geology	Mr Semelin	30H	4	2
SPRING SEMESTER	TEACHER	Hours	ECTS	Credit Hours
BIO 121 Organic chemistry	Mr Calu/Fis/Billard	50 H	4	4
BIO 122 Biochemistry 1	Mr Le Carret/Le Gentil/Onillon	32 H	2	3
BIO 123 General biology 2	Mr Calu/Fis/Billard	44H	4	4
BIO 124 Human biology	Mr Khammari/Aube-Nathier	26 H	2	2
BIO 125 Descriptive statistics	Mrs Aguirre	14 H	2	2
BIO 126 Electricity	Mr Hssein/Mignan	26,5 H	2	3
BIO 127 Geology and Geodynamics	Mr Semelin/Le Carret	30 H	4	3
BIO 1281 Biotechnology 1 Lab	Mr Coradin	24 H	2	2
BIO 1282 Special topics in ecology 1 Lab	Mr Le Gentil	24 H	2	2

BIOLOGY	B.A.2	All classes in French		
French as a second language (oral and written) compulsory for all exchange students. Beginners, advanced, intermediate	Mrs Delavaud & Mrs Papin	36 H	8	
French literature class for exchange students	Mrs Delavaud	12 H	3	
Tuition in French oral expression		12 H	3	
U.E. 21: Core classes 1				
BIO 211 Zoology of vertebrates	Mr Le Gentil/Le Carret/Begin	64 H	5	6
BIO 212 Cell Physiology	Mr Leray/Pelletier/Gregoire	46 H	5	6
BIO 213 Genetics and analytic chemistry	Mr Calu/Coradin/Gregoire	60 H	5	6
BIO 214 Analytic statistics & Optic	Mr Riou/Hssein/Raimbert	54 H	5	6
BIO 215 Fungi and Plants	Mr Rousseau/Mattar/Onillon	52 H	5	5
SPRING SEMESTER	TEACHERS	Hours	ECTS	Credit Hours
BIO 221 Biochemistry and thermodynamics	Bouayad-Agha/Poinas/Gregoire	45 H	11	
BIO 222 Animal Physiology and microbiology	Mr Leray/Mattar/Ory	56 H	5	6
BIO 223 Plant Physiology	Mr Mattar/Ledroit	57 H	5	6
BIO 224 Paleontology and geology	Mr LeCarret/Noblet/Semelin	44 H	5	5
BIO 225 Ecology	Mr Le Gentil	32 H	3	3
BIO 2261 Biotechnology 2 Lab	Mr Calu/Landrain/Pelletier	24 H	3	2
BIO 2262 Special topics in ecology 2 Lab	Mr le Gentil/Aubin-Sicard/Sereau	24 H	3	2

Biology		B.A.3			
FALL SEMESTER	Teacher	Hours	ECTS	Credit Hours	
French as a second language (oral and written) compulsory for all exchange students. Beginners, intermediate, advanced	Mrs Delavaud & Mrs Papin	36 H	8		
French literature for exchange students	Mrs Delavaud	12 H	3		
Tuition in French oral expression		12 H	3		
U.E. 51: Core classes 1					
BIO 311 Molecular biology	Mr Calu/Poinas/Coradin	44 H	5		6
BIO 312 Metabolic Biochemistry	Mr Calu/Marais/Rousseau	42 H	5		5
BIO 313 General ecology 2	Mr Berthet/Mattar/Le Gentil	52 H	5		5
BIO 314 Animal Physiology 2	Mr Leray/Bonnet/Aube- Nattier	46 H	5		5
BIO 315 Plant Physiology 2	Mr Mattar/Ledroit	52 H	5		5
BIO 316 Zoology 3	Mr Berthet/Le Gentil	40	5		5
BIO 317 Human physiology	Mr Leray/Gregoire	46 H	5		5
BIO 318 Biostatistics	Mr Brenac	16 H	2		2
SPRING SEMESTER	TEACHER	Hours	ECTS	Credit Hours	
French as a second language (oral and written) compulsory for all exchange students. Beginners, intermediate, advanced	Mrs Delavaud & Mrs Papin	36 H	8		
French literature for exchange students	Mrs Delavaud	12 H	3		
Tuition in French oral expression		12 H	3		
BIO 321 Cell Biology 3	Mr Le Carret/Leray/Airaud	60 H	5		6
BIO 322 Genetics and cyto development	Mr Coradin/Le Carret/Cheraud	60 H	5		6
BIO 323 Population genetics	Mr Coradin/Le Gentil/Sereau	66 H	5		6
BIO 324 Plant ecology	Mr Onillon/Le Carret	46 H	5		5
BIO 325 Structural geology	Mr Noblet	40 H	5		5
BIO 326 Applied microbiology	Mr Mattar/Rotureau	40 H	5		4
BIO 327 Ecology practicals	Mr Berthet/Begin/Illegems	66 H	5		5
BIO 328 Biotechnology 3	Mr Aube- Nathier/Calu/Coradin	76 H	5		5
BIO 329 Sedimentology and Palaecology	Mr Semelin/Noblet/Redois	80 H	5		5