

## Plan d'étude - SCIENCES BIO MÉDICALES

		<b>Total :</b>	<b>240 ECTS</b>
<b>ANNÉE 1</b>			
Titre de cours			ECTS
			<b>60 ECTS</b>
SEMESTER 1			30
Course Title	Code		ECTS
Introduction to Human Biology	<a href="#">BMS111</a>		6
Calculus I	<a href="#">BMS112</a>		5
General and Inorganic Chemistry	<a href="#">CHE113</a>		9
English for Health Sciences III	<a href="#">ENH090</a>		5
Academic skills	<a href="#">EUC110</a>		5
SEMESTER 2			30
Course Title	Code		ECTS
Organic Chemistry	<a href="#">BMS121</a>		6
Anatomy I	<a href="#">BMS122</a>		6
Physiology I	<a href="#">BMS123</a>		6
Cell Biology	<a href="#">BMS124</a>		7
Physics for biomedical sciences	<a href="#">BMS125</a>		5
<b>ANNÉE 2</b>			
Titre de cours			ECTS
			<b>60 ECTS</b>
SEMESTER 3			30
Course Title	Code		ECTS
Anatomy II	<a href="#">BMS211</a>		6

Physiology II	<a href="#">BMS212</a>	6
Molecular Biology	<a href="#">BMS213</a>	6
Biochemistry I	<a href="#">BMS214</a>	7
Applied Biostatistics	<a href="#">BMS215</a>	5
SEMESTER 4		30
Course Title	Code	ECTS
Biochemistry II	<a href="#">BMS221</a>	8
Basic Epidemiology	<a href="#">BMS222</a>	6
Histology I	<a href="#">BMS223</a>	8
Medical Genetics	<a href="#">BMS224</a>	8
<b>ANNÉE 3</b>		
Titre de cours		ECTS
		<b>60 ECTS</b>
SEMESTER 5		30
Course Title	Code	ECTS
Biotechnology	<a href="#">BIO307</a>	5
Developmental Biology and Embryology	<a href="#">BMS311</a>	5
Bioinformatics	<a href="#">BMS312</a>	5
Nutrition and metabolism	<a href="#">BMS313</a>	5
Reproductive biology	<a href="#">BMS314</a>	5
Research Methodology in Health Sciences	<a href="#">RES303</a>	5
SEMESTER 6		30
Course Title	Code	ECTS
Microbiology	<a href="#">BMS321</a>	7
Clinical Immunology and Hematology	<a href="#">BMS322</a>	7
Bioethics and Scientific Integrity	<a href="#">BMS323</a>	5

Regenerative Medicine	<a href="#">BMS324</a>	6
Elective Course*	N/A	5
<b>ANNÉE 4</b>		
Titre de cours		ECTS
		<b>60 ECTS</b>
SEMESTER 7		30
Course Title	Code	ECTS
Final year project I	<a href="#">BMS411</a>	8
Systems Biomedicine	<a href="#">BMS412</a>	6
Cancer Biology	<a href="#">BMS413</a>	6
Molecular Pharmacology	<a href="#">BMS414</a>	5
Elective Course*	N/A	5
SEMESTER 8		30
Course Title	Code	ECTS
Final year project II	<a href="#">BMS421</a>	12
Clinical Chemistry	<a href="#">BMS422</a>	7
Drugs and disease	<a href="#">BMS423</a>	5
Pathobiology	<a href="#">BMS424</a>	6
* Electives are selected from the list below:		
Course Title	Code	ECTS
Teaching Biology	<a href="#">BIO308</a>	5
Health Care Management and Public Health	<a href="#">BMS325</a>	5
Cellular Neuroscience	<a href="#">BMS326</a>	5
Toxicology and Forensics	<a href="#">BMS327</a>	5
Medical Psychology	<a href="#">BMS415</a>	5
Personalized Medicine	<a href="#">BMS416</a>	5