

<b>YEAR 2 – SEMESTER 3</b>						
Bloks	EP	Code EdT	TEACHERS	CM (H)	TD (H)	Coeff.
<b>BIOLOGICAL SCIENCES and ENGINEERING</b>	<b>UE ICM : Cellular and Molecular Engineering</b>					<b>6 ECTS</b>
	Plant Molecular Biology	pm	T. Laux et al.	24		1
	<b>Choose ONE OUT OF THE 3 below:</b>					
	Virology	vi	D. Gilmer	22		1
	Immunology & ImmunoTechn.	it	E.Weiss, C. Gavériaux	30		1
	Modélisation moléculaire	mm	A. Dejaegere	12	26	1
	<b>UE SE 1 : Engineering Sciences I</b>					<b>9 ECTS</b>
	Statistics & Experimental planning	se /pe	N. Paul Y. Nominé	18	10	1
	Genetic Engineering	ge	B. Chatton	26	14	1,5
	Synthetic Microbiology	sm	A. Becksei	15		1
Structural methods for Biology	sb	A. Dejaegere	14	16	1	
<b>INDUSTRIAL ENVIRONNEMENT and PRACTICES</b>	<b>UE Language</b>					<b>6 ECTS</b>
	English	en	R. Piotto, D. Adamson		36	1
	Deutsch / Français	d/f	S. Marten, A. Hacker, G. Gyss		36	1
	Professional Project / C2i	pp	G. Toninato		4 C2I	
	Industrial Finances	fc	N. Gartiser	4	10	0,5
	<b>UE PR3 : Practicals III</b>					<b>9 ECTS</b>
	Protein Purification	ppP	A. Stephan et al.		8	2
	Cellular Culture	ccP	D. Dujardin F. Deryckere	8		2
Synthetic Microbiology	smP	A. Becksei			2	
<b>YEAR 2 – SEMESTER 4</b>						
Bloks	EP	Code EdT	TEACHERS	CM (H)	TD (H)	Coeff.
<b>BIOLOGICAL SCIENCES and ENGINEERING</b>	<b>UE Biology</b>					<b>6 ECTS</b>
	Metabolism & Biotechnology	mb	G. Orfanoudakis	12	12	1
	Cellular Biology 2 & microscopy	cm	J de Mey & D. Dujardin	14	14	1
	Biotechnology & Health : neurobiology	neu	C. Gavériaux	22		1
	<b>UE OB : Omics for Biotech</b>					<b>6 ECTS</b>
	Transcriptomismis & Proteomics (Stratégies d'analyse haut-débit)	tp	C. Gavériaux O. Lecompte	14	12	1
	Genome and Epigenome structure & analysis	gs	O. Lecompte	18	10	1
<b>INDUSTRIAL ENVIRONNEMENT and PRACTICES</b>	<b>UE ES4 : Humanities, Economy &amp; Social Sciences IV</b>					<b>3 ECTS</b>
	English	en	R. Piotto, D. Adamson			1
	Deutsch / Français	d/f	S. Marten, A. Hacker, G. Gyss			1
	BioEthics	be	A. Dejaegere et al.			
	<b>UE PR5 : Practicals V</b>					<b>6 ECTS</b>
	Synthetic Biology					2
	<b>UE PR4 : Practicals VI</b>					<b>9 ECTS</b>
Plant Biology	pbP	FRIBOURG T. Laux			2	