

First Year

First semester

Compulsory courses

MEDE0430-1	<i>Biomedical research history</i> - Vincent GEENEN	15	-	-	2
LANG0130-1	<i>Scientific English Practice (note-taking)</i> - Christine FILOT, Vincent SEUTIN	5	25	-	3
LABO0432-1	<i>Techniques for cells and tissue cultures</i> - Marie-Claire GILLET	5	20	-	3
COMU0430-2	<i>Communication Techniques</i> - Robert LEJEUNE	15	20	-	3
SBIM0486-2	<i>Experimental methodologies in living animals</i> - Pierre DRION	25	10	-	4
BIOL0431-2	<i>Complements of normal and pathological cellular regulation</i> - Agnès NOËL, Rose WINKLER	20	-	-	3

Specific Module

MSTG0430-2	<i>Placement in laboratory</i> - COLLÉGIALITÉ	5	-	-	15
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2nd Semester

Compulsory courses

LABO0433-2	<i>Modern Morphological Methods in Biomedical Research</i> - Roland GREIMERS	30	-	-	3
RADL0440-1	<i>Radiobiology</i> - Philippe DELVENNE	30	10	-	4
SANG0430-2	<i>Hematology</i> - André GOTHOT	20	-	-	3
INFO0430-2	<i>Notions of bioinformatics</i> - Olivier PEULEN	10	10	-	2
CHIM0440-2	<i>Complements of medical Chemistry</i> - Jean-Paul CHAPELLE	20	10	-	3
TOXI0432-1	<i>Toxicology complements</i> - Corinne CHARLIER	10	10	-	3
NEUR0432-1	<i>Neurobiology, part 2</i> - Pierre LEPRINCE	20	10	-	3
GENE0431-1	<i>Complements of genomics</i> - Michel GEORGES	20	10	-	3
CHIM0433-1	<i>Proteomics</i> - Edwin DE PAUW, Marianne FILLET, Pierre LEPRINCE	20	10	-	3

Second Year

Compulsory courses

STAT0750-1	<i>Multivariate statistical analysis</i> - Adelin ALBERT	10	10	-	1
MMEM0440-1	<i>Thesis</i> - COLLÉGIALITÉ	-	-	-	29

Optional courses

Choose one option from the following :

Notice : Courses of the Digestive System and Nutrition, Biological Analysis, Pharmacology and Toxicology, Neuroscience, Oncology and Immunology options could be taught in English during the academic year 2009-2010.

A. Digestive system and nutrition - Coordinator: Jacques Rigo

SBIM0430-1	<i>Methods in vivo and in vitro concerning gastrointestinal tract</i> - Olivier PEULEN	10	10	-	3
SBIM0431-1	<i>Physiopathology of diseases of the digestive tract</i> - Jean DELWAIDE, Jacques RIGO	30	-	-	4
SBIM0432-1	<i>Physiology of nutrition and the bases of nutritional recommendations, paediatrics</i> - Jacques RIGO	20	-	-	3
SBIM0432-2	<i>Physiology of nutrition and the bases of nutritional recommendations, adult</i> - Nicolas PAQUOT	20	-	-	3
SBIM0433-1	<i>Pathology-specific nutritional problems, paediatrics</i> - Jacques RIGO	15	-	-	2
SBIM0433-2	<i>Pathology-specific nutritional problems, adult</i> - N... - Suppl : Nicolas PAQUOT	15	-	-	2
SBIM0435-1	<i>Dietetic elements</i> - N... - Suppl : Nicolas PAQUOT	5	5	-	1
SBIM0434-1	<i>Phytochemical introduction to the analysis of foodstuffs</i> - Luc ANGENOT, Monique TITS	10	-	-	2
QUAL0436-1	<i>Quality assurance linked to foodstuffs</i>				2
	- <i>partim I : aspects chimiques</i> - N... - Suppl : Marie-Louise SCIPPO	7,5	-	-	
	- <i>partim II : aspects biologiques</i> - Georges DAUBE	7,5	-	-	
SBIM0436-1	<i>Dietary technology, legislation and labelling</i> - Jacques RIGO	15	-	-	2
SBIM0437-1	<i>Biosafety</i> - Willy ZORZI	5	5	-	1

SBIM0439-1 *Bibliographic research* - Jacques RIGO - - - 5

B. Biomedical aspects specific to developing countries - Coordinator: Patrick De Mol

SBIM0440-1 *Fight against disease and international health politics* - Daniel GRODOS, Elisabeth PAUL - [15h SEM] 25 - [+] 5

DERM0430-1 *Elements of Dermatopathology* - Gérald PIERARD 15 - - 2

PATH0430-2 *Elements of Infectious Pathology in Developing Countries* - Patrick DE MOL, Kinda SCHEPERS 20 - - 3

METO0442-2 *Methodology of research in developing countries* - Denis PORIGNON 10 15 - 3

NUTR0440-1 *Nutrition Problems Specific to Developing Countries* - Jacques RIGO 15 - - 2

SBIM0441-1 *Organisational approaches to laboratories in international health* - Danièle THULL 10 10 - 3

SOCI1240-2 *Sociology of Interventions in Developing Countries* - Marc PONCELET 30 - - 3

SBIM0442-1 *Medication in international health* - Aline HONORÉ 10 - - 2

SBIM0443-1 *Organisation of health care and geo-climatological parameters* - Pierre OZER 15 - - 2

SBIM0439-2 *Bibliographic research* - Patrick DE MOL - - - 5

C. Biological analyses - Coordinator : Jean-Paul Chapelle

QUAL0430-2 *Quality assurance systems in analysis laboratories* - Jean-Paul CHAPELLE 10 5 - 3

MICR0431-2 *Complements of Microbiology* - Pierrette MELIN 15 10 - 3

IMMU0430-1 *Immunodosages* - Julien COLETTE 5 10 - 3

SBIM0450-1 *Complements of Clinical Chemistry II* - Jean-Paul CHAPELLE 15 10 - 3

SBIM0451-2 *The application of molecular biology techniques to clinical biology* - Marie-Paule MERVILLE 15 25 - 4

SBIM0452-1 *Cellular and molecular biology of acute and chronic inflammation* - Alain CHARLOT 15 - - 3

SBIM0453-1 *Haematology complements* - André GOTHOT 15 - - 3

SBIM0454-1 *Monitoring renal pathologies* - Etienne CAVALIER 10 - - 2

SBIM0437-1 *Biosafety* - Willy ZORZI 5 5 - 1

SBIM0439-3 *Bibliographic research* - Jean-Paul CHAPELLE - - - 5

D. Pharmacology and toxicology - Coordinator : Vincent Seutin

PHAC0430-2 *Special pharmacology III* - Vincent SEUTIN 30 - - 4

EPID0430-1 *Methodology of Clinical Trials* - André SCHEEN 10 - - 2

EPID0441-1 *Pharmaco-epidemiology and Pharmaco-economics* - N... - Suppl : Olivier ETHGEN 10 - - 2

TOXI0441-1 *Experimental Toxicology* - Corinne CHARLIER 10 - - 2

METO0441-1 *Methodology of Pharmaceutical Research* - Josse THOMAS 15 10 - 3

SBIM0460-1 *Introduction to the Pharmaceutical Technology* - Géraldine PIEL 15 10 - 3

GENE0430-2 *Medical applications in genetic engineering* - Vincent BOURS 10 10 - 2

SBIM0461-1 *Radiomarking and the medical and experimental use of tracers* - Joël AERTS 10 - - 2

SBIM0462-1 *Pharmacology and addiction clinic* - Emmanuel PINTO 10 - - 2

SBIM0463-1 *Biocompatibility of implants and biomaterials* - Christian GRANDFILS 10 - - 2

SBIM0437-3 *Biosafety* - Willy ZORZI 8 4 - 1

SBIM0439-4 *Bibliographic research* - Vincent SEUTIN - - - 5

E. Neuroscience - Coordinator : Vincent Seutin

SBIM0470-1 *Systems Neurobiology* - Jacques BALTHAZART 20 - - 3

SBIM0471-1 *Questions of macroscopic physiology of the nervous system* - Robert POIRRIER 20 - - 3

SBIM0472-1 *In vivo methodology in neuroscience* - Rachelle FRANZEN 20 - - 3

SBIM0473-1 *Functional neuro-anatomy in vertebrates* - Rachelle FRANZEN 30 - - 4

SBIM0474-1 *Biophysics and molecular biology of ion channels* - Lucien BETTENDORFF, Doru-Georg MARGINEANU, Vincent SEUTIN 20 - - 3

SBIM0475-1 *Pathologies of the nervous system* - Eric SALMON 20 10 - 3

PSYC0908-1 *Psychobiological questions* - Ezio TIRELLI 20 - - 3

SBIM0477-1 *Functional imagery in humans* - Pierre MAQUET 20 - - 3

SBIM0439-5 *Bibliographic research* - Vincent SEUTIN - - - 5

F. Oncology and immunology - Coordinator : Agnès Noël

SBIM0480-1 *Anatomical pathology of tumours* - Laurence DE LEVAL - [10h SEM] 10 10 [+] 3

SBIM0481-1 *Molecular and cellular oncology* - Yvette HABRAKEN, Agnès NOËL, Rose WINKLER - [20h SEM] 30 - [+] 6

SBIM0482-1	<i>Vaccination</i> - Ernst HEINEN, Olivier JOLOIS - [10h SEM]	10	5	[+]	3
SBIM0483-1	<i>Bioactive molecules in immunology</i> - Vincent GEENEN - [5h SEM]	10	10	[+]	4
SBIM0484-1	<i>Immunology of tumours</i> - Nathalie JACOBS - [10h SEM]	10	-	[+]	3
SBIM0437-2	<i>Biosafety</i> - Willy ZORZI - [10h SEM]	10	5	[+]	3
SBIM0439-6	<i>Bibliographic research</i> - Agnès NOËL	-	-	-	5
SBIM0485-1	<i>Anatomical pathology of cutaneous tumours and environmental factors in cancerology</i> - Pascale QUATRESOOZ	10	-	-	3