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First Year

First semester

Compulsory courses

MEDE0430-1	<i>Biomedical research history</i> - Vincent GEENEN	Q1	15	-	-	2
LANG0130-1	<i>Scientific English Practice (note-taking)</i> - Christine FILOT, Vincent SEUTIN	Q1	5	25	-	3
LABO0432-1	<i>Techniques for cells and tissue cultures</i> - MarieClaire GILLET	Q1	5	20	-	2
COMU0430-2	<i>Communication Techniques</i> - Robert LEJEUNE	Q1	15	20	-	2
SBIM0486-2	<i>Experimental methodologies in living animals</i> - Pierre DRION	Q1	25	10	-	4
BIOL0431-2	<i>Complement of normal and pathological cellular regulation</i> - Yvette HABRAKEN, Laurent NGUYEN, Agnès NOËL	Q1	20	-	-	3
LABO0433-2	<i>Modern Morphological Methods in Biomedical Research</i> - Roland GREIMERS	Q1	30	-	-	3
SANG0430-2	<i>Hematology and haemostasis</i> - André GOTHOT	Q1	20	-	-	2
INFO0430-2	<i>Notions of bioinformatics</i> - Olivier PEULEN	Q1	10	10	-	2
GENE0431-1	<i>Complement of genomics</i> - Michel GEORGES	Q1	20	10	-	3

Optional courses

Choose one of the following courses :

BIOC0210-5	<i>Functional properties of biological macromolecules</i> - André MATAGNE - [10h Mon. WS]	Q1	20	-	[+]	2
BIOC0720-2	<i>Structure of biological macromolecules</i> - Paulette CHARLIER - [5h Mon. WS]	Q1	15	-	[+]	2
BIOC0709-4	<i>Bioenergetics</i> - Pierre CARDOL, Fabrice FRANCK	Q1	20	-	-	2
BIOC0725-1	<i>Stem Cell Biology</i> - Renaud VANDENBOSCH	Q1	20	-	-	2

Second semester

Compulsory courses

RADL0440-1	<i>Radiobiology</i> - Chantal HUMBLET, Philippe MARTINIVE	Q2	30	10	-	4
CHIM0440-2	<i>Clinical chemistry</i> - Etienne CAVALIER		20	10	-	3
TOXI0432-1	<i>Complement of toxicology</i> - Raphaël DENOZ		10	10	-	2
CHIM0433-1	<i>Proteomics</i> - Edwin DE PAUW, Marianne FILLET, Pierre LEPRINCE	Q2	20	10	-	3
NEUR0432-1	<i>Complement of neurobiology</i> - Pierre LEPRINCE	Q2	20	10	-	3
METO0822-1	<i>Introduction to translational research</i> - Stéphane BERGHMANS, François JOURET		30	-	-	2

Specific Module

MSTG0430-3	<i>Placement in laboratory</i> - COLLÉGIALITÉ - [140h Internship]		5	-	[+]	13
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Optional courses

Choose one of the following courses :

BIOC0722-1	<i>Application of spectroscopic techniques to the study of folding and stability of proteins</i> - André MATAGNE - [10h Mon. WS]	Q2	20	-	[+]	2
CHIM0687-1	<i>Introduction to protein NMR</i> - Christian DAMBLON - [10h Mon. WS]		10	-	[+]	2
CHIM0688-1	<i>Mass spectrometry</i> - Edwin DE PAUW - [10h Mon. WS]	TA	15	-	[+]	2
BIOL2029-1	<i>Introduction to clinical biology</i> - Etienne CAVALIER, Corinne CHARLIER, André GOTHOT, Pierrette MELIN		20	-	-	2

Second Year

Compulsory courses

STAT1750-1	<i>Multivariate statistical analysis (english language)</i> - Adelin ALBERT, Nadia DARDENNE	Q1	10	10	-	1
MMEM0440-1	<i>Final thesis</i> - COLLÉGIALITÉ		-	-	-	29

Optional courses

Choose one option from the following :

A. Digestive system and nutrition - Coordinator: Nicolas Paquot

Note : All courses in this option could be given in English.

SBIM0430-1	<i>Methods in vivo and in vitro concerning gastrointestinal tract - Olivier PEULEN</i>	Q1	10	10	-	3
SBIM0431-1	<i>Physiopathology of diseases of the digestive tract - Jean DELWAIDE, Masendu KALENGA</i>		30	-	-	4
NUTR0711-1	<i>Nutrition and dietetic elements - Nicolas PAQUOT</i>		10	-	-	4
NUTR0712-1	<i>Nutrition and pathologies - Nicolas PAQUOT</i>		10	-	-	4
NUTR0718-1	<i>Biomedical research in nutrition - Nicolas PAQUOT - [10h SEM]</i>		20	-	[+]	3
SBIM0434-1	<i>Phytochemical introduction to the analysis of foodstuffs - Michel FREDERICH, Monique TITS</i>	Q1	10	-	-	2
QUAL0436-1	<i>Quality assurance linked to foodstuffs - partim I : aspects chimiques - MarieLouise SCIPPO</i>		7,5	-	-	2
	<i>- partim II : aspects biologiques - Georges DAUBE</i>		7,5	-	-	
SBIM0436-1	<i>Dietary technology, legislation and labelling - Antoine CLINQUART</i>		15	-	-	2
SBIM0437-4	<i>Biosafety - Willy ZORZI</i>		10	5	-	1
SBIM0439-1	<i>Bibliographic research - Nicolas PAQUOT</i>		-	-	-	5

B. Biomedical aspects specific to developing countries - Coordinator: Pierrette Melin

SBIM0440-1	<i>Fight against disease and international health politics - Joseph MANZAMBI KUWEKITA - [15h SEM]</i>		25	-	[+]	4
DERM0430-2	<i>Elements of Dermatopathology - Jorge ARRESE ESTRADA</i>		10	-	-	2
SBIM0437-4	<i>Biosafety - Willy ZORZI</i>		10	5	-	1
PATH0430-2	<i>Elements of Infectious Pathology in Developing Countries - MariePierre HAYETTE, Pierrette MELIN</i>		20	-	-	3
METO0442-2	<i>Methodology of research in developing countries - Joseph MANZAMBI KUWEKITA</i>		10	15	-	3
NUTR0440-1	<i>Nutrition Problems Specific to Developing Countries - Nicolas PAQUOT</i>		15	-	-	2
SBIM0441-1	<i>Organisational approaches to laboratories in international health - Danièle THULL</i>		10	10	-	3
SOCI1240-2	<i>Sociology of Interventions in Developing Countries - Marc PONCELET</i>	Q1	30	-	-	3
SBIM0442-1	<i>Medication in international health - Roland MARINI DJANG'EING'A</i>		10	-	-	2
SBIM0439-2	<i>Bibliographic research - Pierrette MELIN</i>		-	-	-	5
SBIM0443-1	<i>Organisation of health care and geo-climatological parameters - Pierre OZER</i>		15	-	-	2

C. Biological analyses - Coordinator : Etienne Cavalier

Note : Courses QUAL0430, MICR0431, SBIM0450, SBIM0452, SBIM0453, SBIM0454, SBIM0437 could be given in English.

QUAL0430-2	<i>Quality assurance systems in clinical biology - Etienne CAVALIER</i>		10	5	-	3
MICR0431-2	<i>Clinical microbiology - Pierrette MELIN</i>		15	10	-	3
IMMU0430-1	<i>Immunoassay - Benaïssa ELMOUALI</i>		5	10	-	3
SBIM0450-1	<i>Complement of clinical chemistry - Etienne CAVALIER</i>		15	10	-	3
SBIM0451-2	<i>The application of molecular biology techniques to clinical biology - MariePaule MERVILLE</i>		15	25	-	4
SBIM0452-1	<i>Cellular and molecular biology of acute and chronic inflammation - Alain CHARLOT</i>		15	-	-	3
SBIM0453-1	<i>Complement of haematology - André GOTHOT</i>		15	-	-	3
SBIM0454-1	<i>Monitoring renal pathologies - Etienne CAVALIER</i>		10	-	-	2
SBIM0437-4	<i>Biosafety - Willy ZORZI</i>		10	5	-	1
SBIM0439-3	<i>Bibliographic research - Etienne CAVALIER</i>		-	-	-	5

D. Pharmacologie et toxicologie - Coordinateur : Julien Hanson

Note : Courses PHAC0430, EPID0441, METO0441, SBIM0461, SBIM0437 could be given in English.

PHAC0430-2	<i>Special pharmacology - Julien HANSON</i>	Q1	30	-	-	4
EPID0430-1	<i>Methodology of Clinical Trials - Régis RADERMECKER</i>		10	-	-	2
EPID0441-1	<i>Pharmaco-epidemiology and Pharmaco-economics - Olivier ETHGEN</i>	Q1	10	-	-	2
TOXI0441-1	<i>Experimental Toxicology - Corinne CHARLIER</i>	Q1	10	-	-	2
METO0441-1	<i>Methodology of Pharmaceutical Research - Pierre FRANCOITTE</i>	Q1	15	10	-	3

SBIM0460-1	<i>Introduction to the Pharmaceutical Technology</i> - Géraldine PIEL	Q1	15	10	-	3
BIOL2025-1	<i>Medical and pharmaceutical applications in molecular biology</i> - Alain CHARIOT		10	-	-	2
SBIM0461-1	<i>Radiomarking and the medical and experimental use of tracers</i> - Joël AERTS		10	-	-	2
SBIM0462-1	<i>Pharmacology and addiction clinic</i> - Emmanuel PINTO	Q1	10	-	-	2
SBIM0463-1	<i>Biocompatibility of implants and biomaterials</i> - Christian GRANDFILS	Q1	10	-	-	2
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI		10	5	-	1
SBIM0439-4	<i>Bibliographic research</i> - Julien HANSON		-	-	-	5

E. Neurosciences - Coordinateur : Rachelle Franzen

Note : Courses SBIM0471, SBIM0472, SBIM0474, SBIM0477 could be given in English.

SBIM0470-1	<i>Principles of neuroendocrinology</i> - Charlotte CORNIL, AnneSimone PARENT	Q1	20	-	-	3
SBIM0471-1	<i>Questions of macroscopic physiology of the nervous system</i> - Robert POIRRIER		20	-	-	3
SBIM0472-1	<i>In vivo methodology in neuroscience</i> - Rachelle FRANZEN		20	-	-	3
SBIM0473-1	<i>Functional neuro-anatomy in vertebrates</i> - Rachelle FRANZEN		30	-	-	4
SBIM0474-1	<i>Biophysics and molecular biology of ion channels</i> - Lucien BETTENDORFF, DoruGeorg MARGINEANU, Vincent SEUTIN	Q1	20	-	-	3
SBIM0475-1	<i>Pathologies of the nervous system</i> - Eric SALMON	Q1	20	10	-	3
PSYC0908-1	<i>Psychobiological questions</i> - Ezio TIRELLI		20	-	-	2
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI		10	5	-	1
SBIM0477-1	<i>Functional imagery in humans</i> - Gaëtan GARRAUX		20	-	-	3
SBIM0439-5	<i>Bibliographic research</i> - Rachelle FRANZEN		-	-	-	5

F. Oncology and immunology - Coordinator : Agnès Noël

Note : Courses SBIM0480, SBIM0483, SBIM0484, SBIM0437 could be given in English.

SBIM0480-2	<i>Anatomical pathology of tumours</i> - Jorge ARRESE ESTRADA		15	15	-	4
SBIM0481-2	<i>Molecular and cellular oncology</i> - Yvette HABRAKEN, Agnès NOËL - [35h SEM]		15	-	[+]	6
SBIM0482-2	<i>Vaccination</i> - Laurence DELACROIX, N... - [15h SEM]		10	5	[+]	4
SBIM0483-1	<i>Cytokine chemokine signalling</i> - Vincent GEENEN - [5h SEM]		10	-	[+]	3
SBIM0484-1	<i>Immunology of tumours</i> - Nathalie JACOBS - [10h SEM]	Q1	10	-	[+]	4
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI		10	5	-	2
SBIM0439-6	<i>Bibliographic research</i> - Agnès NOËL		-	-	-	5
SBIM0492-1	<i>Preclinical cancer models</i> - Denis MOTTET - [10h SEM]	Q1	5	-	[+]	2

G. Multidisciplinary English - Coordinator : Vincent Seutin

Note : All courses will be in English

SBIM0494-1	<i>Current topics in cell biology and physiology</i> (english language) - COLLÉGIALITÉ, Vincent SEUTIN - [10h Mon. WS, 40h Pers. Res.]	Q1	10	-	[+]	5
SBIM0495-1	<i>Molecular and cellular basis of disease</i> (english language) - COLLÉGIALITÉ, Vincent SEUTIN - [10h Mon. WS, 40h Pers. Res.]	Q1	20	-	[+]	7
SBIM0496-1	<i>Advanced techniques for diagnosis and prognosis</i> (english language) - COLLÉGIALITÉ, Vincent SEUTIN - [10h Mon. WS, 40h Pers. Res.]	Q1	10	-	[+]	5
SBIM0497-1	<i>New therapeutic approaches to disease</i> (english language) - COLLÉGIALITÉ, Vincent SEUTIN - [10h Mon. WS, 40h Pers. Res.]	Q1	10	-	[+]	5
SBIM0498-1	<i>Critical evaluation of experimental data</i> (english language) - COLLÉGIALITÉ, Vincent SEUTIN - [10h Mon. WS, 10h Pers. Res.]	Q1	10	20	[+]	4
SBIM0499-1	<i>Thematic seminars</i> (english language) - COLLÉGIALITÉ, Vincent SEUTIN - [20h Q1 SEM]		-	-	[+]	4