

Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr
Compulsory courses (B1 : 56Cr, B2 : 27Cr)							
MEDE0430-1	<i>Biomedical research history</i> - Vincent GEENEN	B1	Q1	15	-	-	2
LANG0130-1	<i>Scientific English Practice (note-taking)</i> - Christine FILOT, Vincent SEUTIN	B1	Q1	5	25	-	3
LABO0432-1	<i>Techniques for cells and tissue cultures</i> - MarieClaire GILLET	B1	Q1	5	20	-	2
COMU0430-2	<i>Communication Techniques</i> - Robert LEJEUNE	B1	Q1	15	20	-	2
SBIM0486-2	<i>Experimental methodologies in living animals</i> - Pierre DRION	B1	Q1	25	10	-	4
BIOL0431-2	<i>Complement of normal and pathological cellular regulation</i> - Yvette HABRAKEN, Laurent NGUYEN, Agnès NOËL	B1	Q1	20	-	-	3
LABO0433-2	<i>Modern Morphological Methods in Biomedical Research</i> - Roland GREIMERS	B1	Q1	30	-	-	3
SANG0430-2	<i>Hematology and haemostasis</i> - André GOTHOT	B1	Q1	20	-	-	2
INFO0430-2	<i>Notions of bioinformatics</i> - Olivier PEULEN	B1	Q1	10	10	-	2
GENE0431-1	<i>Complement of genomics</i> - Michel GEORGES	B1	Q1	20	10	-	3
RADL0440-1	<i>Radiobiology</i> - Chantal HUMBLET, Philippe MARTINIVE	B1	Q2	30	10	-	4
CHIM0440-2	<i>Clinical chemistry</i> - Etienne CAVALIER	B1	Q2	20	10	-	3
TOXI0432-1	<i>Complement of toxicology</i> - Raphaël DENOZ	B1	Q2	10	10	-	2
CHIM0433-1	<i>Proteomics</i> - Marianne FILLET, Pierre LEPRINCE, Gabriel MAZZUCHELLI	B1	Q2	20	10	-	3
NEUR0432-1	<i>Complement of neurobiology</i> - Pierre LEPRINCE	B1	Q2	20	10	-	3
METO0822-1	<i>Introduction to translational research</i> - Stéphane BERGHMANS, François JOURET	B1	Q2	30	-	-	2
STAT1750-1	<i>Multivariate statistical analysis</i> - Nadia DARDENNE, AnneFrançoise DONNEAU	B2	Q1	10	10	-	1
MMEM0440-1	<i>Final thesis</i> - COLLÉGIALITÉ Prerequisite : MSTG0430-3 - Stage en laboratoire	B2	Q2	-	-	-	26
Specific Module							
MSTG0430-3	<i>Placement in laboratory</i> - COLLÉGIALITÉ - [140h Internship]	B1	Q2	5	-	[+]	13
Optional courses (B1 : 4Cr, B2 : 33Cr)							
Choose one course from the following : (B1 : 2Cr)							
BIOC0210-5	<i>Functional properties of biological macromolecules</i> - André MATAGNE - [10h Mon. WS]	B1	Q1	20	-	[+]	2
BIOC0720-2	<i>Structure of biological macromolecules</i> - Paulette CHARLIER - [5h Mon. WS]	B1	Q1	15	-	[+]	2
BIOC0709-4	<i>Bioenergetics</i> - Pierre CARDOL, Fabrice FRANCK	B1	Q1	20	-	-	2
BIOC0725-1	<i>Stem Cell Biology</i> - Renaud VANDENBOSCH	B1	Q1	20	-	-	2
Choose one of the following courses : (B1 : 2Cr)							
BIOC0722-1	<i>Application of spectroscopic techniques to the study of folding and stability of proteins</i> - André MATAGNE - [10h Mon. WS]	B1	Q2	20	-	[+]	2
CHIM0687-1	<i>Introduction to protein NMR</i> - Christian DAMBLON - [10h Mon. WS]	B1	Q2	10	-	[+]	2
CHIM0688-1	<i>Mass spectrometry</i> - Edwin DE PAUW - [10h Mon. WS]	B1	Q2	15	-	[+]	2
BIOL2029-1	<i>Introduction to clinical biology</i> - Etienne CAVALIER,	B1	Q2	20	-	-	2

HARLIER, André GOTHOT, Pierrette MELIN

Choose courses totalling 3 ECTS from the following : (B2 : 3Cr)

SBIM0440-1	<i>Fight against disease and international health politics - Joseph MANZAMBI KUWEKITA - [15h SEM]</i>	B2	Q1	25	-	[+]	4
DERM0430-2	<i>Elements of Dermatopathology - Jorge ARRESE ESTRADA</i>	B2	Q1	10	-	-	2
PATH0430-2	<i>Elements of Infectious Pathology in Developing Countries - MariePierre HAYETTE, Pierrette MELIN</i>	B2	Q1	20	-	-	3
METO0442-2	<i>Methodology of research in developing countries - Joseph MANZAMBI KUWEKITA</i>	B2	Q1	10	15	-	3
SOCI1240-2	<i>Sociology of Interventions in Developing Countries - Marc PONCELET</i>	B2	Q1	30	-	-	3
SBIM0442-1	<i>Medication in international health - Roland MARINI DJANG'EING'A</i>	B2	Q1	10	-	-	2
SBIM0443-1	<i>Organisation of health care and geo-climatological parameters - Pierre OZER</i>	B2	Q1	15	-	-	2
SBIM0430-1	<i>Methods in vivo and in vitro concerning gastrointestinal tract - Olivier PEULEN</i>	B2	Q1	15	10	-	4
SBIM0451-2	<i>The application of molecular biology techniques to clinical biology - MariePaule MERVILLE</i>	B2	Q1	15	25	-	4
EPID0430-1	<i>Methodology of Clinical Trials - Régis RADERMECKER</i>	B2	Q1	10	-	-	3
SBIM0472-1	<i>In vivo methodology in neuroscience - Rachele FRANZEN</i>	B2	Q1	20	-	-	4
	Prerequisite : LANG0130-1 - Pratique de l'anglais scientifique II SBIM0486-3 - Méthodologies expérimentales des animaux vivants						
SBIM0492-1	<i>Preclinical cancer models - Denis MOTTET - [10h SEM]</i>	B2	Q1	5	-	[+]	3
SBIM0495-1	<i>Molecular and cellular basis of disease (english language) - COLLÉGIALITÉ - [10h Mon. WS, 40h Pers. Res.]</i>	B2	Q1	20	-	[+]	7
QUAL0433-1	<i>Organisation and quality assurance in a trial laboratory - Philippe HUBERT, Joëlle WIDART</i>	B2	Q1	5	10	-	3

Choose one focus from the following : (B2 : 1Nbr)

Research Focus (B2 : 30Cr)

Choose one option from the following : (B2 : 1Nbr)

A. Digestive system and nutrition - Coordinator: Nicolas Paquot (B2 : 30Cr)

Notice : 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>	B2	Q1	15	10	-	4
SBIM0431-1	<i>Diseases of the digestive tract and food allergies/intolerances. Pediatric and adult aspects - Jean DELWAIDE, Masendu KALENGA, Edouard LOUIS</i>	B2	Q1	30	-	-	4
NUTR0711-1	<i>Nutrition and dietetic elements - Nicolas PAQUOT</i>	B2	Q1	10	-	-	4
NUTR0712-1	<i>Nutrition and pathologies - Nicolas PAQUOT</i>	B2	Q1	10	-	-	4
NUTR1001-1	<i>Food - Health - Antoine CLINQUART, Véronique DELCENSERIE, MarieLouise SCIPPO</i>	B2	Q1	15	-	-	3
	Corequisite : NUTR0711-1 - Nutrition et éléments de diététique NUTR0712-1 - Nutrition et pathologies SBIM0436-1 - Technologie des denrées alimentaires, législation et étiquetage						
QUAL0436-1	<i>Quality assurance linked to foodstuffs</i>	B2	Q1				2

Study programmes 2015-2016

Faculty of Medicine

Master in biomedicine (120 ECTS)

	- <i>partim I : aspects chimiques</i> - MarieLouise SCIPPO	7,5	-	-		
	- <i>partim II : aspects biologiques</i> - Georges DAUBE	7,5	-	-		
SBIM0434-1	<i>Phytochemical introduction to the analysis of foodstuffs</i> - Michel FREDERICH, Monique TITS	B2	Q1	10	-	2
SBIM0436-1	<i>Dietary technology, legislation and labelling</i> - Antoine CLINQUART Corequisite : NUTR0711-1 - Nutrition et éléments de diététique NUTR1001-1 - Aliments-Santé	B2	Q1	15	-	2
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI	B2	Q1	10	5	1
SBIM0439-1	<i>Bibliographic research</i> - Nathalie JACOBS, Nicolas PAQUOT Prerequisite : LANG0130-1 - Pratique de l'anglais scientifique II	B2	Q1	-	-	4

B. Biological analyses - Coordinator : Etienne Cavalier (B2 : 30Cr)

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

QUAL0430-2	<i>Quality assurance systems in clinical biology</i> - Etienne CAVALIER Prerequisite : CHIM0440-2 - Chimie clinique	B2	Q1	10	5	3
MICR0431-2	<i>Clinical microbiology</i> - Pierrette MELIN	B2	Q1	15	10	3
IMMU0430-1	<i>Immunoassay</i> - Benaïssa ELMOUALI	B2	Q1	5	10	3
SBIM0450-1	<i>Complement of clinical chemistry</i> - Etienne CAVALIER Prerequisite : CHIM0440-2 - Chimie clinique	B2	Q1	15	10	4
SBIM0451-2	<i>The application of molecular biology techniques to clinical biology</i> - MariePaule MERVILLE	B2	Q1	15	25	4
SBIM0452-1	<i>Cellular and molecular biology of acute and chronic inflammation</i> - Alain CHARLOT	B2	Q1	15	-	3
SBIM0453-1	<i>Complement of haematology</i> - André GOTHOT Prerequisite : SANG0430-2 - Hématologie et hémostasie	B2	Q1	15	-	3
SBIM0454-1	<i>Monitoring renal pathologies</i> - Etienne CAVALIER Prerequisite : CHIM0440-2 - Chimie clinique	B2	Q1	10	-	2
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI	B2	Q1	10	5	1
SBIM0439-3	<i>Bibliographic research</i> - Etienne CAVALIER, Nathalie JACOBS Prerequisite : LANG0130-1 - Pratique de l'anglais scientifique II	B2	Q1	-	-	4

C. Pharmacology and toxicology - Coordinator : Julien Hanson (B2 : 30Cr)

Notice : courses PHAC0430, EPID0441, METO0441, SBIM0461, SBIM0437 could be given in English.

PHAC0430-2	<i>Special pharmacology</i> - Julien HANSON Corequisite : SBIM0439-4 - Recherche bibliographique SBIM0460-1 - Introduction à la pharmacie galénique	B2	Q1	30	-	4
EPID0430-1	<i>Methodology of Clinical Trials</i> - Régis RADERMECKER	B2	Q1	10	-	3
EPID0441-1	<i>Pharmaco-epidemiology and Pharmaco-economics</i> - Olivier ETHGEN	B2	Q1	10	-	2
TOXI0441-1	<i>Experimental Toxicology</i> - Corinne CHARLIER	B2	Q1	10	-	2

Study programmes 2015-2016

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Prerequisite :

TOXI0432-1 - Compléments de toxicologie

METO0441-1	<i>Methodology of Pharmaceutical Research</i> - Pierre FRANCOTTE	B2	Q1	15	10	-	3
SBIM0460-1	<i>Introduction to the Pharmaceutical Technology</i> - Géraldine PIEL	B2	Q1	15	10	-	3
BIOL2025-1	<i>Medical and pharmaceutical applications in molecular biology</i> - Alain CHARIOT	B2	Q1	10	-	-	2
SBIM0461-1	<i>Radiomarking and the medical and experimental use of tracers</i> - Joël AERTS	B2	Q1	10	-	-	2
SBIM0462-1	<i>Pharmacology and addiction clinic</i> - Emmanuel PINTO	B2	Q1	10	-	-	2
SBIM0463-1	<i>Biocompatibility of implants and biomaterials</i> - Christian GRANDFILS	B2	Q1	10	-	-	2
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI	B2	Q1	10	5	-	1
SBIM0439-4	<i>Bibliographic research</i> - Julien HANSON, Nathalie JACOBS	B2	Q1	-	-	-	4

Prerequisite :

LANG0130-1 - Pratique de l'anglais scientifique II

D. Neurosciences - Coordinator : Rachelle Franzen (B2 : 30Cr)

Notice : courses SBIM0471, SBIM0472, SBIM0474, SBIM0477 could be given in English.

SBIM0470-1	<i>Principles of neuroendocrinology</i> - Charlotte CORNIL, AnneSimone PARENT	B2	Q1	20	-	-	4
SBIM0472-1	<i>In vivo methodology in neuroscience</i> - Rachelle FRANZEN	B2	Q1	20	-	-	4
	Prerequisite : LANG0130-1 - Pratique de l'anglais scientifique II SBIM0486-2 - Méthodologies expérimentales des animaux vivants						
SBIM0473-1	<i>Functional neuro-anatomy in vertebrates</i> - Rachelle FRANZEN	B2	Q1	30	-	-	4
	Prerequisite : NEUR0432-1 - Compléments de neurobiologie						
SBIM0474-1	<i>Biophysics and molecular biology of ion channels</i> - Lucien BETTENDORFF, Dominique ENGEL, Vincent SEUTIN	B2	Q1	20	-	-	3
SBIM0475-1	<i>Pathologies of the nervous system</i> - Eric SALMON	B2	Q1	20	10	-	4
	Prerequisite : LANG0130-1 - Pratique de l'anglais scientifique II NEUR0432-1 - Compléments de neurobiologie						
PSYC0908-1	<i>Psychobiological questions</i> - Ezio TIRELLI	B2	Q1	20	-	-	3
SBIM0477-1	<i>Functional imagery in humans</i> - Gaëtan GARRAUX	B2	Q1	20	-	-	3
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI	B2	Q1	10	5	-	1
SBIM0439-5	<i>Bibliographic research</i> - Rachelle FRANZEN, Nathalie JACOBS	B2	Q1	-	-	-	4
	Prerequisite : LANG0130-1 - Pratique de l'anglais scientifique II						

F. Oncology and immunology - Coordinator : Agnès Noël (B2 : 30Cr)

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

SBIM0480-2	<i>Anatomical pathology of tumours</i> - Jorge ARRESE ESTRADA	B2	Q1	15	15	-	4
SBIM0481-2	<i>Molecular and cellular oncology</i> - Yvette HABRAKEN, Agnès NOËL - [35h SEM]	B2	Q1	15	-	[+]	6
	Prerequisite : BIOL0431-2 - Compléments de régulation cellulaire normale et pathologique						
SBIM0482-2	<i>Vaccination</i> - Laurence DELACROIX, N... - [15h SEM]	B2	Q1	10	5	[+]	5
SBIM0483-1	<i>Cytokine chemokine signalling</i> - Vincent GEENEN - [5h SEM]	B2	Q1	10	-	[+]	3

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SBIM0484-1	<i>Immunology of tumours</i> - Nathalie JACOBS - [10h SEM]	B2	Q1	10	-	[+]	4
SBIM0492-1	<i>Preclinical cancer models</i> - Denis MOTTET - [10h SEM]	B2	Q1	5	-	[+]	3
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI	B2	Q1	10	5	-	1
SBIM0439-6	<i>Bibliographic research</i> - Nathalie JACOBS, Agnès NOËL Prerequisite : LANG0130-1 - Pratique de l'anglais scientifique II	B2	Q1	-	-	-	4

F. Multidisciplinary English - Coordinator : Vincent Seutin (B2 : 30Cr)

Notice : all courses will be given in English.

SBIM0494-1	<i>General introduction to cell biology</i> (english language) - COLLÉGIALITÉ, Vincent SEUTIN - [15h Mon. WS, 15h Pers. Res.] Prerequisite : BIOL0431-2 - Compléments de régulation cellulaire normale et pathologique GENE0431-1 - Compléments de génomique Corequisite : SBIM0495-1 - Molecular and cellular basis of disease	B2	Q1	16	-	[+]	4
SBIM0495-1	<i>Molecular and cellular basis of disease</i> (english language) - COLLÉGIALITÉ - [10h Mon. WS, 40h Pers. Res.]	B2	Q1	20	-	[+]	7
SBIM0496-1	<i>Advanced techniques for diagnosis and prognosis</i> (english language) - COLLÉGIALITÉ - [10h Mon. WS, 40h Pers. Res.] Prerequisite : METO0822-1 - Introduction à la recherche translationnelle	B2	Q1	10	-	[+]	5
SBIM0497-1	<i>New therapeutic approaches to disease</i> (english language) - COLLÉGIALITÉ - [10h Mon. WS, 40h Pers. Res.]	B2	Q1	10	-	[+]	5
SBIM0498-1	<i>Critical evaluation of experimental data</i> (english language) - COLLÉGIALITÉ - [10h Mon. WS, 10h Pers. Res.]	B2	Q1	10	20	[+]	4
SBIM0499-1	<i>Thematic seminars</i> (english language) - COLLÉGIALITÉ, Vincent SEUTIN - [20h SEM]	B2	Q1	-	-	[+]	5

Professional Focus in Quality Assurance (B2 : 30Cr)

Notice : Some courses listed below may be given in English.

Coordinator : Philippe HUBERT

QUAL0431-1	<i>Internal and external audits</i> - Ahmed IGOUT	B2	Q1	10	20	-	3
QUAL0432-1	<i>Quality Assurance for IT systems</i> - Marc DENHAM	B2	Q1	5	-	-	1
QUAL0433-1	<i>Organisation and quality assurance in a trial laboratory</i> - Philippe HUBERT, Joëlle WIDART	B2	Q1	5	10	-	3
QUAL0434-1	<i>Validation of quantitative analysis methods</i> - Philippe HUBERT, Roland MARINI DJANG'EING'A	B2	Q1	10	10	-	2
QUAL0435-1	<i>Microbiological quality assurance of the environment</i> - Pierrette MELIN	B2	Q1	10	15	-	3
QUAL0436-1	<i>Quality assurance linked to foodstuffs</i> - <i>partim I : aspects chimiques</i> - MarieLouise SCIPPO - <i>partim II : aspects biologiques</i> - Georges DAUBE	B2	Q1	7,5	-	-	2
ESHY0057-1	<i>General Safety Organization</i> - Christine GRIGNET, Anne GROGNA	B2	Q1	14	-	-	2
QUAL0437-2	<i>Statistical data analysis using informatic tools</i> - Nadia DARDENNE, AnneFrançoise DONNEAU	B2	Q1	10	20	-	2
GEST0188-1	<i>Determination and Recognition of Quality and Conformity</i> - Pierre DEWALLEF	B2	Q1	30	-	-	3
QUAL0723-1	<i>Assessment and quality assurance methods in healthcare</i>	B2	Q1	20	-	-	2

Study programmes 2015-2016

Faculty of Medicine

Master in biomedicine (120 ECTS)

institutions - Pierre GILLET

QUAL0430-1	<i>Quality assurance systems in clinical biology</i> - Etienne CAVALIER	B2	Q1	10	-	-	2
QUAL0438-1	<i>Good Manufacturing Practices (GMP) (english language)</i> - Lucas FOTSING, Philippe HUBERT	B2	Q1	10	10	-	2
QUAL0439-1	<i>Chemical quality assurance of the environment</i> - Gauthier EPPE	B2	Q1	15	15	-	3

Professional focus in cosmetology (B2 : 30Cr)

Notice : courses COSM0434, COSM0439, COSM0442 could be given in English.

Coordinator : Claudine FRANCHIMONT

COSM0001-1	<i>Cutaneous biometrological methods</i> - Pascale QUATRESOOZ	B2	Q1	20	20	-	5
Corequisite : COSM0437-2 - Physiologie, immunologie et microanatomie de la peau, des phanères, des muqueuses et des dents							
COSM0431-1	<i>Environment, life cycle of products and biodegradation of waste and packaging</i> - Gauthier EPPE	B2	Q1	15	-	-	2
COSM0432-1	<i>Functions and physico-chemical properties of raw materials in cosmetology</i> - Géraldine PIEL	B2	Q1	15	-	-	2
COSM0434-1	<i>Cosmetology : Belgian, European and extra-European regulation, copyright and patents</i> - Joëlle MEUNIER	B2	Q1	10	5	-	2
EPID0430-1	<i>Methodology of Clinical Trials</i> - Régis RADERMECKER	B2	Q1	10	-	-	3
COSM0002-1	<i>Undesirable effects of various types of cosmetics</i> - Claudine FRANCHIMONT	B2	Q1	10	-	-	3
Corequisite : COSM0434-1 - Le dossier cosmétologique : réglementation belge, européenne et hors UE, propriété industrielle et brevets COSM0437-2 - Physiologie, immunologie et microanatomie de la peau, des phanères, des muqueuses et des dents							
COSM0437-2	<i>Physiology, immunology and microanatomy of skin, dander, mucous membranes and teeth</i> - Pascale QUATRESOOZ	B2	Q1	20	-	-	3
COSM0438-2	<i>Principles of formulation applied to cosmetology</i> - Géraldine PIEL	B2	Q1	15	20	-	4
Corequisite : COSM0432-1 - Fonctions et propriétés physico-chimiques des matières premières en cosmétologie							
COSM0439-1	<i>Issues in microbiology in cosmetology</i> - Pierrette MELIN	B2	Q1	15	-	-	2
COSM0441-1	<i>Systemic toxic risks linked to cosmetics</i> - Corinne CHARLIER	B2	Q1	15	-	-	2
COSM0442-1	<i>Xenobiotics and living cells</i> - Christian GRANDFILS	B2	Q1	15	-	-	2

Additional ECTS Master in biology (120 ECTS)

Compulsory courses (B0 : 59Cr)

Module: The Normal Human Body

IMMU0320-2	<i>General immunology</i> - Catherine SADZOT	B0	Q1	15	-	-	2
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Specific module 2

TOXI0004-1	<i>Principles of toxicology</i> - Corinne CHARLIER	B0	Q1	20	-	-	3
NEUR0430-1	<i>Principles of neurobiology</i> - Pierre LEPRINCE	B0	Q1	20	-	-	3
BIOC0006-1	<i>Principles of normal and pathological cellular regulation</i> - Agnès NOËL	B0	Q1	20	-	-	2

Module Learning

LANG0074-1 *Advanced English for biomedical sciences (english language)* - Julien DUBOIS, Christine FILOT B0 Q1 30 - - 3

Module "Pathological" human

IMMU0522-1 *Immunopathology* - Michel MOUTSCHEN - [7h SI] B0 Q1 10 - [+] 2

PHAC0130-7 *General pharmacology* - Vincent SEUTIN - [7h SI] B0 Q1 20 - [+] 3

Module: The Normal Human Body

GENE0420-2 *Medical genetics* - Vincent BOURS B0 Q2 15 - - 2

HISL0220-3 *Human histology* - Valérie DEFAWEUX, Chantal HUMBLET B0 Q2 20 10 - 4

BIOL0028-1 *Molecular biology* - Agnès NOËL B0 Q2 55 40 - 9

BIOC0708-1 *Biochemistry and normal and pathological human physiology - cardiovascular system* - Philippe KOLH B0 Q2 10 - - 4
- *respiratory system* - Didier CATALDO 10 - -

Specific module 1

BIOC0322-2 *Proteins biochemistry* - Sabine WISLET B0 Q2 20 15 - 4

Specific module 2

CHIM0217-3 *Principles of clinical chemistry* - Etienne CAVALIER B0 Q2 20 - - 2

LANG0129-1 *Application of scientific English I* - Christine FILOT, Agnès NOËL, Vincent SEUTIN B0 Q2 5 25 - 3

Module "Pathological" human

BIOC9234-1 *Biochemistry and normal and pathological human physiology - digestive system* - Didier CATALDO B0 Q2 15 - - 2

ANAP0230-5 *General pathological anatomy* - Philippe DELVENNE - [7h SI] B0 Q2 20 10 [+] 4

BIOC9235-1 *Human Normal and Pathologic Biochemistry and Physiology - Urinary system* - Didier CATALDO B0 Q2 10 - - 2

BIOC9236-1 *Biochemistry and normal and pathological human physiology - Endocrinian system and metabolism* - Philippe KOLH B0 Q2 15 - - 2

MICR0330-4 *Medical microbiology* - MariePierre HAYETTE - [7h SI] B0 Q2 25 10 [+] 3

Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en sciences biomédicales, à finalité spécialisée en cosmétologie" en 2014-2015

Optional courses (B1 : 30Cr)

Focus courses (B1 : 30Cr)

Professional focus in cosmetology (B1 : 30Cr)

Note : Courses COSM0434, COSM0439, COSM0442 could be given in English.

Coordinator : Claudine FRANCHIMONT

COSM0001-1 *Cutaneous biometrological methods* - Pascale QUATRESOOZ B1 Q1 20 20 - 5

COSM0431-1 *Environment, life cycle of products and biodegradation of waste and packaging* - Gauthier EPPE B1 Q1 15 - - 2

COSM0432-1 *Functions and physico-chemical properties of raw materials in* B1 Q1 15 - - 2

cosmetology - Géraldine PIEL

COSM0434-1	<i>Cosmetology : Belgian, European and extra-European regulation, copyright and patents</i> - Joëlle MEUNIER	B1	Q1	10	5	-	2
EPID0430-1	<i>Methodology of Clinical Trials</i> - Régis RADERMECKER	B1	Q1	10	-	-	3
COSM0002-1	<i>Undesirable effects of various types of cosmetics</i> - Claudine FRANCHIMONT	B1	Q1	10	-	-	3
COSM0437-2	<i>Physiology, immunology and microanatomy of skin, dander, mucous membranes and teeth</i> - Pascale QUATRESOOZ	B1	Q1	20	-	-	3
COSM0438-2	<i>Principles of formulation applied to cosmetology</i> - Géraldine PIEL	B1	Q1	15	20	-	4
COSM0439-1	<i>Issues in microbiology in cosmetology</i> - Pierrette MELIN	B1	Q1	15	-	-	2
COSM0441-1	<i>Systemic toxic risks linked to cosmetics</i> - Corinne CHARLIER	B1	Q1	15	-	-	2
COSM0442-1	<i>Xenobiotics and living cells</i> - Christian GRANDFILS	B1	Q1	15	-	-	2

Compulsory courses (B1 : 27Cr)

STAT1750-1	<i>Multivariate statistical analysis</i> - Nadia DARDENNE, AnneFrançoise DONNEAU	B1	Q1	10	10	-	1
MMEM0440-1	<i>Final thesis</i> - COLLÉGIALITÉ	B1	Q2	-	-	-	26

Optional courses (B1 : 3Cr)

Choose courses totalling 3 ECTS from the following : (B1 : 3Cr)

SBIM0440-1	<i>Fight against disease and international health politics</i> - Joseph MANZAMBI KUWEKITA - [15h SEM]	B1	Q1	25	-	[+]	4
DERM0430-2	<i>Elements of Dermatopathology</i> - Jorge ARRESE ESTRADA	B1	Q1	10	-	-	2
PATH0430-2	<i>Elements of Infectious Pathology in Developing Countries</i> - MariePierre HAYETTE, Pierrette MELIN	B1	Q1	20	-	-	3
METO0442-2	<i>Methodology of research in developing countries</i> - Joseph MANZAMBI KUWEKITA	B1	Q1	10	15	-	3
SOCI1240-2	<i>Sociology of Interventions in Developing Countries</i> - Marc PONCELET	B1	Q1	30	-	-	3
SBIM0442-1	<i>Medication in international health</i> - Roland MARINI DJANG'EING'A	B1	Q1	10	-	-	2
SBIM0443-1	<i>Organisation of health care and geo-climatological parameters</i> - Pierre OZER	B1	Q1	15	-	-	2
SBIM0430-1	<i>Methods in vivo and in vitro concerning gastrointestinal tract</i> - Olivier PEULEN	B1	Q1	15	10	-	4
SBIM0451-2	<i>The application of molecular biology techniques to clinical biology</i> - MariePaule MERVILLE	B1	Q1	15	25	-	4
EPID0430-1	<i>Methodology of Clinical Trials</i> - Régis RADERMECKER	B1	Q1	10	-	-	3
SBIM0472-1	<i>In vivo methodology in neuroscience</i> - Rachelle FRANZEN	B1	Q1	20	-	-	4
SBIM0492-1	<i>Preclinical cancer models</i> - Denis MOTTET - [10h SEM]	B1	Q1	5	-	[+]	3
SBIM0495-1	<i>Molecular and cellular basis of disease (english language)</i> - COLLÉGIALITÉ - [10h Mon. WS, 40h Pers. Res.]	B1	Q1	20	-	[+]	7
QUAL0433-1	<i>Organisation and quality assurance in a trial laboratory</i> - Philippe HUBERT, Joëlle WIDART	B1	Q1	5	10	-	3

Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en sciences biomédicales, à finalité spécialisée en assurance qualité" en 2014-2015

Optional courses (B1 : 30Cr)

Focus courses (B1 : 30Cr)

Professional focus in quality assurance (B1 : 30Cr)

Note : Some courses listed below may be given in English.

Coordinator : Philippe HUBERT

QUAL0431-1	<i>Internal and external audits</i> - Ahmed IGOUT	B1	Q1	10	20	-	3
QUAL0432-1	<i>Quality Assurance for IT systems</i> - Marc DENHAM	B1	Q1	5	-	-	1
QUAL0433-1	<i>Organisation and quality assurance in a trial laboratory</i> - Philippe HUBERT, Joëlle WIDART	B1	Q1	5	10	-	3
QUAL0434-1	<i>Validation of quantitative analysis methods</i> - Philippe HUBERT, Roland MARINI DJANG'EING'A	B1	Q1	10	10	-	2
QUAL0435-1	<i>Microbiological quality assurance of the environment</i> - Pierrette MELIN	B1	Q1	10	15	-	3
QUAL0436-1	<i>Quality assurance linked to foodstuffs</i> - <i>partim I : aspects chimiques</i> - MarieLouise SCIPPO - <i>partim II : aspects biologiques</i> - Georges DAUBE	B1	Q1	7,5	-	-	2
ESHY0057-1	<i>General Safety Organization</i> - Christine GRIGNET, Anne GROGNA	B1	Q1	14	-	-	2
QUAL0437-2	<i>Statistical data analysis using informatic tools</i> - Nadia DARDENNE, AnneFrançoise DONNEAU	B1	Q1	10	20	-	2
GEST0188-1	<i>Determination and Recognition of Quality and Conformity</i> - Pierre DEWALLEF	B1	Q1	30	-	-	3
QUAL0723-1	<i>Assessment and quality assurance methods in healthcare institutions</i> - Pierre GILLET	B1	Q1	20	-	-	2
QUAL0430-1	<i>Quality assurance systems in clinical biology</i> - Etienne CAVALIER	B1	Q1	10	-	-	2
QUAL0438-1	<i>Good Manufacturing Practices (GMP) (english language)</i> - Lucas FOTSING, Philippe HUBERT	B1	Q1	10	10	-	2
QUAL0439-1	<i>Chemical quality assurance of the environment</i> - Gauthier EPPE	B1	Q1	15	15	-	3

Compulsory courses (B1 : 27Cr)

STAT1750-1	<i>Multivariate statistical analysis</i> - Nadia DARDENNE, AnneFrançoise DONNEAU	B1	Q1	10	10	-	1
MMEM0440-1	<i>Final thesis</i> - COLLÉGIALITÉ	B1	Q2	-	-	-	26

Optional courses (B1 : 3Cr)

Choose courses totalling 3 ECTS from the following : (B1 : 3Cr)

SBIM0440-1	<i>Fight against disease and international health politics</i> - Joseph MANZAMBI KUWEKITA - [15h SEM]	B1	Q1	25	-	[+]	4
DERM0430-2	<i>Elements of Dermatopathology</i> - Jorge ARRESE ESTRADA	B1	Q1	10	-	-	2
PATH0430-2	<i>Elements of Infectious Pathology in Developing Countries</i> - MariePierre HAYETTE, Pierrette MELIN	B1	Q1	20	-	-	3
METO0442-2	<i>Methodology of research in developing countries</i> - Joseph MANZAMBI KUWEKITA	B1	Q1	10	15	-	3
SOCI1240-2	<i>Sociology of Interventions in Developing Countries</i> - Marc PONCELET	B1	Q1	30	-	-	3
SBIM0442-1	<i>Medication in international health</i> - Roland MARINI DJANG'EING'A	B1	Q1	10	-	-	2
SBIM0443-1	<i>Organisation of health care and geo-climatological parameters</i> - Pierre OZER	B1	Q1	15	-	-	2

SBIM0430-1	<i>Methods in vivo and in vitro concerning gastrointestinal tract</i> - Olivier PEULEN	B1	Q1	15	10	-	4
SBIM0451-2	<i>The application of molecular biology techniques to clinical biology</i> - MariePaule MERVILLE	B1	Q1	15	25	-	4
EPID0430-1	<i>Methodology of Clinical Trials</i> - Régis RADERMECKER	B1	Q1	10	-	-	3
SBIM0472-1	<i>In vivo methodology in neuroscience</i> - Rachele FRANZEN	B1	Q1	20	-	-	4
SBIM0492-1	<i>Preclinical cancer models</i> - Denis MOTTET - [10h SEM]	B1	Q1	5	-	[+]	3
SBIM0495-1	<i>Molecular and cellular basis of disease (english language)</i> - COLLÉGIALITÉ - [10h Mon. WS, 40h Pers. Res.]	B1	Q1	20	-	[+]	7
QUAL0433-1	<i>Organisation and quality assurance in a trial laboratory</i> - Philippe HUBERT, Joëlle WIDART	B1	Q1	5	10	-	3

Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en sciences biomédicales, à finalité approfondie" en 2014-2015

Optional courses (B1 : 30Cr)

Focus courses

Research Focus

Choose one option from the following :

A. Digestive system and nutrition - Coordinator: Nicolas Paquot (B1 : 30Cr)

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

SBIM0430-1	<i>Methods in vivo and in vitro concerning gastrointestinal tract</i> - Olivier PEULEN	B1	Q1	15	10	-	4
SBIM0431-1	<i>Diseases of the digestive tract and food allergies/intolerances. Pediatric and adult aspects</i> - Jean DELWAIDE, Masendu KALENGA, Edouard LOUIS	B1	Q1	30	-	-	4
NUTR0711-1	<i>Nutrition and dietetic elements</i> - Nicolas PAQUOT	B1	Q1	10	-	-	4
NUTR0712-1	<i>Nutrition and pathologies</i> - Nicolas PAQUOT	B1	Q1	10	-	-	4
NUTR1001-1	<i>Food - Health</i> - Antoine CLINQUART, Véronique DELCENSERIE, MarieLouise SCIPPO	B1	Q1	15	-	-	3
QUAL0436-1	<i>Quality assurance linked to foodstuffs</i> - <i>partim I : aspects chimiques</i> - MarieLouise SCIPPO - <i>partim II : aspects biologiques</i> - Georges DAUBE	B1	Q1	7,5	-	-	2
SBIM0434-1	<i>Phytochemical introduction to the analysis of foodstuffs</i> - Michel FREDERICH, Monique TITS	B1	Q1	10	-	-	2
SBIM0436-1	<i>Dietary technology, legislation and labelling</i> - Antoine CLINQUART	B1	Q1	15	-	-	2
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI	B1	Q1	10	5	-	1
SBIM0439-1	<i>Bibliographic research</i> - Nathalie JACOBS, Nicolas PAQUOT	B1	Q1	-	-	-	4

B. Biological analysis - Coordinator : Pierette Melin (B1 : 30Cr)

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

QUAL0430-2	<i>Quality assurance systems in clinical biology</i> - Etienne CAVALIER	B1	Q1	10	5	-	3
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Study programmes 2015-2016

Faculty of Medicine

Master in biomedicine (120 ECTS)

MICR0431-2	<i>Clinical microbiology</i> - Pierrette MELIN	B1	Q1	15	10	-	3
IMMU0430-1	<i>Immunoassay</i> - Benaïssa ELMOUALIJ	B1	Q1	5	10	-	3
SBIM0450-1	<i>Complement of clinical chemistry</i> - Etienne CAVALIER	B1	Q1	15	10	-	4
SBIM0451-2	<i>The application of molecular biology techniques to clinical biology</i> - MariePaule MERVILLE	B1	Q1	15	25	-	4
SBIM0452-1	<i>Cellular and molecular biology of acute and chronic inflammation</i> - Alain CHARLOT	B1	Q1	15	-	-	3
SBIM0453-1	<i>Complement of haematology</i> - André GOTHOT	B1	Q1	15	-	-	3
SBIM0454-1	<i>Monitoring renal pathologies</i> - Etienne CAVALIER	B1	Q1	10	-	-	2
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI	B1	Q1	10	5	-	1
SBIM0439-3	<i>Bibliographic research</i> - Etienne CAVALIER, Nathalie JACOBS	B1	Q1	-	-	-	4

C. Pharmacology and toxicology - Coordinator Julien Hanson (B1 : 30Cr)

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

PHAC0430-2	<i>Special pharmacology</i> - Julien HANSON	B1	Q1	30	-	-	4
EPID0430-1	<i>Methodology of Clinical Trials</i> - Régis RADERMECKER	B1	Q1	10	-	-	3
EPID0441-1	<i>Pharmaco-epidemiology and Pharmaco-economics</i> - Olivier ETHGEN	B1	Q1	10	-	-	2
TOXI0441-1	<i>Experimental Toxicology</i> - Corinne CHARLIER	B1	Q1	10	-	-	2
METO0441-1	<i>Methodology of Pharmaceutical Research</i> - Pierre FRANCOITTE	B1	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 CHARLOT	B1	Q1	10	-	-	2
SBIM0461-1	<i>Radiomarking and the medical and experimental use of tracers</i> - Joël AERTS	B1	Q1	10	-	-	2
SBIM0462-1	<i>Pharmacology and addiction clinic</i> - Emmanuel PINTO	B1	Q1	10	-	-	2
SBIM0463-1	<i>Biocompatibility of implants and biomaterials</i> - Christian GRANDFILS	B1	Q1	10	-	-	2
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI	B1	Q1	10	5	-	1
SBIM0439-4	<i>Bibliographic research</i> - Julien HANSON, Nathalie JACOBS	B1	Q1	-	-	-	4

D. Neurosciences - Coordinator : Rachelle Franzen (B1 : 30Cr)

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

SBIM0470-1	<i>Principles of neuroendocrinology</i> - Charlotte CORNIL, AnneSimone PARENT	B1	Q1	20	-	-	4
SBIM0472-1	<i>In vivo methodology in neuroscience</i> - Rachelle FRANZEN	B1	Q1	20	-	-	4
SBIM0473-1	<i>Functional neuro-anatomy in vertebrates</i> - Rachelle FRANZEN	B1	Q1	30	-	-	4
SBIM0474-1	<i>Biophysics and molecular biology of ion channels</i> - Lucien BETTENDORFF, Dominique ENGEL, Vincent SEUTIN	B1	Q1	20	-	-	3
SBIM0475-1	<i>Pathologies of the nervous system</i> - Eric SALMON	B1	Q1	20	10	-	4
PSYC0908-1	<i>Psychobiological questions</i> - Ezio TIRELLI	B1	Q1	20	-	-	3
SBIM0477-1	<i>Functional imagery in humans</i> - Gaëtan GARRAUX	B1	Q1	20	-	-	3
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI	B1	Q1	10	5	-	1
SBIM0439-5	<i>Bibliographic research</i> - Rachelle FRANZEN, Nathalie JACOBS	B1	Q1	-	-	-	4

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	B1	Q1	15	15	-	4
SBIM0481-2	<i>Molecular and cellular oncology</i> - Yvette HABRAKEN, Agnès NOËL - [35h SEM]	B1	Q1	15	-	[+]	6
SBIM0482-2	<i>Vaccination</i> - Laurence DELACROIX, N... - [15h SEM]	B1	Q1	10	5	[+]	5
SBIM0483-1	<i>Cytokine chemokine signalling</i> - Vincent GEENEN - [5h SEM]	B1	Q1	10	-	[+]	3
SBIM0484-1	<i>Immunology of tumours</i> - Nathalie JACOBS - [10h SEM]	B1	Q1	10	-	[+]	4
SBIM0492-1	<i>Preclinical cancer models</i> - Denis MOTTET - [10h SEM]	B1	Q1	5	-	[+]	3
SBIM0437-4	<i>Biosafety</i> - Willy ZORZI	B1	Q1	10	5	-	1
SBIM0439-6	<i>Bibliographic research</i> - Nathalie JACOBS, Agnès NOËL	B1	Q1	-	-	-	4

F. Multidisciplinary English - Coordinator : Vincent Seutin (B1 : 30Cr)

Note : all courses will be given in English

SBIM0494-1	<i>General introduction to cell biology</i> (english language) - COLLÉGIALITÉ, Vincent SEUTIN - [15h Mon. WS, 15h Pers. Res.]	B1	Q1	16	-	[+]	4
SBIM0495-1	<i>Molecular and cellular basis of disease</i> (english language) - COLLÉGIALITÉ - [10h Mon. WS, 40h Pers. Res.]	B1	Q1	20	-	[+]	7
SBIM0496-1	<i>Advanced techniques for diagnosis and prognosis</i> (english language) - COLLÉGIALITÉ - [10h Mon. WS, 40h Pers. Res.]	B1	Q1	10	-	[+]	5
SBIM0497-1	<i>New therapeutic approaches to disease</i> (english language) - COLLÉGIALITÉ - [10h Mon. WS, 40h Pers. Res.]	B1	Q1	10	-	[+]	5
SBIM0498-1	<i>Critical evaluation of experimental data</i> (english language) - COLLÉGIALITÉ - [10h Mon. WS, 10h Pers. Res.]	B1	Q1	10	20	[+]	4
SBIM0499-1	<i>Thematic seminars</i> (english language) - COLLÉGIALITÉ, Vincent SEUTIN - [20h SEM]	B1	Q1	-	-	[+]	5

Compulsory courses (B1 : 27Cr)

STAT1750-1	<i>Multivariate statistical analysis</i> - Nadia DARDENNE, AnneFrançoise DONNEAU	B1	Q1	10	10	-	1
MMEM0440-1	<i>Final thesis</i> - COLLÉGIALITÉ	B1	Q2	-	-	-	26

Optional courses (B1 : 3Cr)

Choose courses totalling 3 ECTS from the following : (B1 : 3Cr)

SBIM0440-1	<i>Fight against disease and international health politics</i> - Joseph MANZAMBI KUWEKITA - [15h SEM]	B1	Q1	25	-	[+]	4
DERM0430-2	<i>Elements of Dermatopathology</i> - Jorge ARRESE ESTRADA	B1	Q1	10	-	-	2
PATH0430-2	<i>Elements of Infectious Pathology in Developing Countries</i> - MariePierre HAYETTE, Pierrette MELIN	B1	Q1	20	-	-	3
METO0442-2	<i>Methodology of research in developing countries</i> - Joseph MANZAMBI KUWEKITA	B1	Q1	10	15	-	3
SOCI1240-2	<i>Sociology of Interventions in Developing Countries</i> - Marc PONCELET	B1	Q1	30	-	-	3
SBIM0442-1	<i>Medication in international health</i> - Roland MARINI DJANG'EING'A	B1	Q1	10	-	-	2
SBIM0443-1	<i>Organisation of health care and geo-climatological parameters</i> - Pierre OZER	B1	Q1	15	-	-	2
SBIM0430-1	<i>Methods in vivo and in vitro concerning gastrointestinal tract</i> -	B1	Q1	15	10	-	4

Study programmes 2015-2016
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Olivier PEULEN

SBIM0451-2	<i>The application of molecular biology techniques to clinical biology</i> - MariePaule MERVILLE	B1	Q1	15	25	-	4
EPID0430-1	<i>Methodology of Clinical Trials</i> - Régis RADERMECKER	B1	Q1	10	-	-	3
SBIM0472-1	<i>In vivo methodology in neuroscience</i> - Rachelle FRANZEN	B1	Q1	20	-	-	4
SBIM0492-1	<i>Preclinical cancer models</i> - Denis MOTTET - [10h SEM]	B1	Q1	5	-	[+]	3
SBIM0495-1	<i>Molecular and cellular basis of disease (english language)</i> - COLLÉGIALITÉ - [10h Mon. WS, 40h Pers. Res.]	B1	Q1	20	-	[+]	7
QUAL0433-1	<i>Organisation and quality assurance in a trial laboratory</i> - Philippe HUBERT, Joëlle WIDART	B1	Q1	5	10	-	3