

Block view of the study programme

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Block 1

Focus courses

Notice : Cette finalité est créée en co-diplômation avec UNamur qui, en tant qu'université porteuse, en assume la gestion.

Par conséquent les étudiants prennent une inscription et suivent le tronc commun à UNamur. Le programme complet est disponible sur le site de l'institution référente :

<https://directory.unamur.be/teaching/programmes/423M>

SBIM2005-1	<i>Regulatory framework for (bio)safety and biorisk management in clinical research</i> (english language) - Emmanuelle DINON, Christine GRIGNET, Olivier THELLIN, Willy ZORZI - [2h Moni. ex.]	Q1	13	-	[+]	1
SBIM2010-1	<i>Intellectual Property and Patent</i> (english language) - Fabienne PIRON	Q1	20	-	-	2
SBIM2006-1	<i>Pathophysiology</i> (english language) - François JOURET , Hernan VALDESOCIN, Laurent WEEKERS	Q1	30	-	-	3
SBIM2007-1	<i>Clinical trials of Medical Devices</i> (english language) - Philippe MORIMONT	Q1	20	10	-	3
INFO9005-1	<i>Bioinformatic Skills</i> (english language) - Christophe POULET	Q1	10	20	-	2
SBIM2009-1	<i>Patient and Researcher Interplay</i> (english language) - Régis RADERMECKER	Q2	20	-	-	3
SBIM2004-1	<i>Medical Psychology</i> (english language) - Sara BAKAY	Q2	5	10	-	2
SBIM2011-1	<i>Writing and Reading skills</i> (english language) - Sabine WISLET	Q2	15	30	-	3
SBIM2012-1	<i>Biomarkers and surrogate markers in clinical research</i> (english language) - Dominique DE SENY	Q2	25	10	-	3
SBIM2013-1	<i>Evidence Based Medicine</i> (english language) - Régis RADERMECKER	Q2	10	-	-	1

Cours du tronc commun

Choose one of the two programmes:

MASTER EN SCIENCES BIOMEDICALES, A FINALITE (programme réformé)

Notice : pour les étudiants inscrits pour la 1ère fois en 2024-2025.

Cours obligatoires du tronc commun :

GENE0431-2	<i>Introduction to Genomics</i> (english language) - [10h APP]	Q1	20	-	[+]	3
COMU0430-2	<i>Scientific communication skills</i> (english language) - Michael HERFS	Q1	10	20	-	2
STAT0420-1	<i>Biostatistics 2</i> - AnneFrançoise DONNEAU	Q1	15	15	-	2
BIOL0431-3	<i>Cellular and molecular biology of disease</i> (english language) - Alain CHARIOT, Laurent NGUYEN, Agnès NOËL - [20h APP]	Q1	20	-	[+]	3
INFO9024-1	<i>Data interpretation in bioinformatics</i> (english language) - Arnaud LAVERGNE - [20h APP]	Q1	10	-	[+]	3
SBIM2002-2	<i>Introduction to Oncology</i> (english language) - Christine GILLES, Nathalie JACOBS, Agnès NOËL, MarieJulie NOKIN, Nor Eddine SOUNNI - [4h AUTR]	Q1	26	-	[+]	3
SBIM0439-1	<i>Bibliographic Research</i> (english language) - Nathalie JACOBS	Q2	-	-	-	3
METO0822-1	<i>Introduction to Translational Research</i> (english language) - François JOURET , Laurent WEEKERS	Q2	30	-	-	3
SBIM2031-1	<i>Introduction to drug development</i> (english language) - Pierre FRANCOETTE, Géraldine PIEL	Q2	20	-	-	2
MSTG9107-1	<i>Scientific internship</i> (english language)	Q2	-	-	-	3

Cours au choix du tronc commun :

Choose two courses from:

SBIM2030-1	<i>Advances I in Clinical Biology</i> (english language) - Pablo BECKERS, Sébastien BONTEMS, Khalid EL MOUSSAOUI, Cécile MEEEX, Rosalie SACHELI	Q1	15	15	-	3
IMMU0523-2	<i>Advances I in Immunology and Vaccinology</i> (english language) - Nathalie JACOBS - [13h AUTR]	Q1	12	5	[+]	3
SBIM2003-2	<i>Advances I in Cardiovascular Biology</i> (english language) - [10h AUTR]	Q1	20	-	[+]	3
NEUR2043-2	<i>Advances I in Neurosciences</i> (english language) - Gaëtan GARRAUX, Virginie NEIRINCKX, Vincent SEUTIN	Q1	26	4	-	3
NUTR1003-2	<i>Advances in GIT biology</i> (english language) - Véronique DELCENSERIE, Nathalie ESSER, Nicolas PAQUOT, Catherine REENAERS, Bernard TAMINIAU - [5h AUTR]	Q1	25	-	[+]	3
PHAR2221-2	<i>Advances I in Pharmacology and Toxicology</i> (english language) - Raphaël DENOZ, Julien HANSON - [10h AUTR]	Q1	20	-	[+]	3
SBIM2008-2	<i>Advances I in Oncology</i> (english language) - Jorge ARRESE ESTRADA, Denis MOTTET, Nor Eddine SOUNNI - [12h AUTR]	Q1	14	4	[+]	3

MASTER EN SCIENCES BIOMEDICALES, A FINALITE (programme transitoire)

Notice : pour les étudiants inscrits avant 2024-2025.

Cours obligatoires du tronc commun :

LANG0130-2	<i>Introduction to scientific seminars</i> (english language) - Sabine WISLET	Q1	4	16	-	2
COMU0430-2	<i>Scientific communication skills</i> (english language) - Michael HERFS	Q1	10	20	-	2
BIOL0431-2	<i>Cellular and molecular biology of disease</i> (english language) - Alain CHARLOT, Laurent NGUYEN, Agnès NOËL - [20h APP]	Q1	20	-	[+]	2
GENE0431-1	<i>Introduction to Genomics</i> (english language)	Q1	20	-	-	2
STAT0420-1	<i>Biostatistics 2</i> - AnneFrançoise DONNEAU	Q1	15	15	-	2
IMMU0523-1	<i>Advances I in Immunology and Vaccinology</i> (english language) - Nathalie JACOBS - [5h AUTR]	Q1	15	-	[+]	2
SBIM2002-1	<i>Introduction to Oncology</i> (english language) - Christine GILLES, Nathalie JACOBS, Agnès NOËL, MarieJulie NOKIN, Nor Eddine SOUNNI - [5h AUTR]	Q1	15	-	[+]	2
SBIM2003-1	<i>Advances I in Cardiovascular Biology</i> (english language) - [5h AUTR]	Q1	15	-	[+]	2
NEUR2043-1	<i>Advances I in Neurosciences</i> (english language) - Gaëtan GARRAUX, Virginie NEIRINCKX, Vincent SEUTIN - [5h AUTR]	Q1	15	-	[+]	2
NUTR1003-1	<i>Advances in GIT biology</i> (english language) - Véronique DELCENSERIE, Nathalie ESSER, Nicolas PAQUOT, Catherine REENAERS, Bernard TAMINIAU - [5h AUTR]	Q1	15	-	[+]	2
PHAR2221-1	<i>Advances I in Pharmacology and Toxicology</i> (english language) - Raphaël DENOZ, Julien HANSON - [5h AUTR]	Q1	15	-	[+]	2
SBIM0437-4	<i>Regulatory framework for (bio)security and management of biological risks in research and development facilities</i> (english language) - Emmanuelle DINON, Christine GRIGNET, Olivier THELLIN, Willy ZORZI - [2h Moni. ex.]	Q1	13	-	[+]	1
INFO0430-3	<i>Notions of bioinformatics</i> - Olivier PEULEN	Q2	10	10	-	2
CHIM0440-2	<i>Clinical chemistry</i> - Etienne CAVALIER	Q2	20	10	-	2
METO0822-1	<i>Introduction to Translational Research</i> (english language) - François JOURET, Laurent WEEKERS	Q2	30	-	-	3

SBIM0439-1 *Bibliographic Research* (english language) - Nathalie JACOBS Q2 - - - 3

Block 2

Focus courses

Cours du tronc commun

Choose one of the two programmes:

MASTER EN SCIENCES BIOMEDICALES, A FINALITE (programme réformé)

MASTER EN SCIENCES BIOMEDICALES, A FINALITE (programme transitoire)

STAT1750-1	<i>Multivariate statistical analysis</i> - AnneFrançoise DONNEAU	Q1	15	10	-	2
MSTG9076-1	<i>Work placement</i> - COLLÉGIALITÉ Corequisite : MMEM9012-1 - Thesis	Q2	-	-	-	17
MMEM9012-1	<i>Thesis</i> (english language) - COLLÉGIALITÉ Prerequisite : SBIM0439-1 - Bibliographic Research	TA	-	-	-	28

Cours au choix du tronc commun

Choose two courses out of the following :

SBIM2029-1	<i>Additional biological analyses</i> - François BOEMER, Sébastien BONTEMS, Philippe CALMANT, Benaïssa ELMOUALI, MariePierre HAYETTE, Cécile MEEUX - [20h AUTR]	Q1	40	10	[+]	5
NEUR2616-1	<i>Specific questions in Neurosciences</i> (english language) - Gaëtan GARRAUX, Vincent SEUTIN - [30h AUTR]	Q1	18	2	[+]	5
INFO9010-1	(pas organisé en 2024-2025) <i>Medical records and hospital IT</i> - Laurent DEBRA, Philippe KOLH, Michel RAZE	Q1	30	-	-	5
SBIM2017-1	<i>Oncology and Immunology</i> (english language) - Nathalie JACOBS - [10h AUTR]	Q1	40	-	[+]	5
SBIM2018-1	<i>GIT from bench to bedside</i> (english language) - Olivier DETRY, MarieAlice MEUWIS, Catherine REENAERS - [10h AUTR]		40	-	[+]	5
SBIM2019-1	<i>Advanced concepts in drug therapy and development</i> (english language) - Alain CHARLOT, Pierre FRANCOITTE, Christian GRANDFILS, Géraldine PIEL - [10h AUTR]	Q1	40	-	[+]	5
CHIM9314-1	<i>Mass spectrometry technologies in biomedical research and their applications in the biotech industry</i> (english language) - Marianne FILLET, Gabriel MAZZUCHELLI - [10h AUTR]	Q1	30	20	[+]	5

Bloc d'aménagement du programme de l'année

Additional ECTS Master in biology (120 ECTS)

Compulsory courses

TOXI0341-3	<i>Toxicological chemistry, Part I, Toxicological chemistry</i> - Corinne CHARLIER	Q1	25	-	-	4
BIOC0006-1	<i>Principles of normal and pathological cellular regulation</i> - Agnès NOËL	Q1	20	-	-	2
PHAC1001-2	<i>General pharmacology</i> - Theory - Vincent SEUTIN - Practical work and tutorials in pharmacology for biomedical sciences - Vincent SEUTIN - [4h SEM]	Q1	20	-	-	2
					[+]	

DEON0003-1	<i>Questions of ethics : Animal and human experimentation</i> - Jo CAERS, Pierre DRION, Ezio TIRELLI	Q1	15	-	-	2
METO0003-1	<i>Introduction to scientific method and to experimentation</i> - Barbara POLESE	Q1	10	10	-	1
STAT1001-1	<i>Biostatistics I</i> - AnneFrançoise DONNEAU - [15h QA Sess.]	Q1	15	-	[+]	2
LABO0001-1	<i>Learning about experimental research</i> - <i>Theory</i> - Laurence DELACROIX, Rachelle FRANZEN, Carine MUNAUT, Agnès NOËL, Christel PEQUEUX, Nor Eddine SOUNNI, Sabine WISLET - <i>Specific practical work</i> - Laurence DELACROIX, Rachelle FRANZEN, Carine MUNAUT, Agnès NOËL, Christel PEQUEUX, Nor Eddine SOUNNI, Sabine WISLET - <i>Specific practical work</i> - Laurence DELACROIX, Rachelle FRANZEN, Carine MUNAUT, Agnès NOËL, Christel PEQUEUX, Nor Eddine SOUNNI, Sabine WISLET	Q1	10	-	-	9
INFO9021-1	<i>Principles of programming Part 2 - Algorithmics and programming</i> - Christophe POULET	Q1	10	10	-	2
LANG6002-1	<i>Advanced English for Biomedical Research : Writing</i> (english language) - Yasmine BADIR, Ellen HARRY	Q1	-	30	-	2
NEUR2615-1	<i>Introduction to neurosciences</i> - Gaëtan GARRAUX, Vincent SEUTIN	Q1	40	-	-	4
IMMU0522-1	<i>Immunopathology</i> - Christophe DESMET, Michel MOUTSCHEN - [7h SI]	Q2	10	-	[+]	2
MICR0330-4	<i>Medical microbiology</i> - MariePierre HAYETTE - [7h SI]	Q2	25	10	[+]	3
CHIM0430-1	<i>Elements of analytical chemistry</i> - Marianne FILLET, AnneCatherine SERVAIS	Q2	20	40	-	4
CHIM0217-3	<i>Principles of clinical chemistry</i> - Etienne CAVALIER	Q2	20	-	-	2
LABO0431-1	<i>Integrated practical work</i> - Agnès NOËL, MarieJulie NOKIN	Q2	5	35	-	3
SBIM0491-1	<i>Virology Part 2</i> - Nathalie JACOBS	Q2	20	-	-	2
BIOC1004-2	<i>Biochemistry and normal and pathological human physiology</i> - <i>Cardiovascular system</i> - Philippe KOLH - <i>Respiratory system</i> - Didier CATALDO - <i>Nervous system</i> - Gaëtan GARRAUX - <i>Nervous system - specific concepts</i> - Gilles VANDEWALLE - [2h Pr.]	Q2	10	-	-	5
BIOC1004-3	<i>Biochemistry and normal and pathological human physiology</i> - <i>Endocrine system and metabolism</i> - Philippe KOLH - <i>Digestive system</i> - Didier CATALDO - <i>Nephro-urinary system</i> - Didier CATALDO	Q2	15	-	-	4
INFO9022-1	<i>Systems architecture and IT networks</i>	Q2	15	15	-	3
LANG6003-1	<i>Advanced English for Biomedical Research: Speaking</i> (english language) - Yasmine BADIR, Ellen HARRY	Q2	-	30	-	2