

Cycle view of the study programme

Bl Or Th Pr Au Cr

Focus courses (B1 : 23Cr, B2 : 7Cr)

Notice : This focus has been created as a joint qualification with UNamur which, as the lead university, manages it.

Consequently, students enrol and follow the core curriculum at UNamur.

The full programme is available on the website of the referring institution:

<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.]	B1	Q1	13	-	[+]	1
SBIM2010-1	<i>Intellectual Property and Patent</i> (english language) - Fabienne PIRON	B1	Q1	20	-	-	2
SBIM2006-1	<i>Pathophysiology</i> (english language) - François JOURET , Hernan VALDESOCIN, Laurent WEEKERS	B1	Q1	30	-	-	3
SBIM2007-1	<i>Clinical trials of Medical Devices</i> (english language) - Philippe MORIMONT	B1	Q1	20	10	-	3
INFO9005-1	<i>Bioinformatic Skills</i> (english language) - Christophe POULET	B1	Q1	10	20	-	2
SBIM2009-1	<i>Patient and Researcher Interplay</i> (english language) - Régis RADERMECKER	B1	Q2	20	-	-	3
SBIM2004-1	<i>Medical Psychology</i> (english language) - Sara BAKAY	B1	Q2	5	10	-	2
SBIM2011-1	<i>Writing and Reading skills</i> (english language) - Sabine WISLET	B1	Q2	15	30	-	3
SBIM2012-1	<i>Biomarkers and surrogate markers in clinical research</i> (english language) - Dominique DE SENY	B1	Q2	25	10	-	3
SBIM2013-1	<i>Evidence Based Medicine</i> (english language) - Régis RADERMECKER	B1	Q2	10	-	-	1

Core curriculum courses (B1 : 33Cr, B2 : 57Cr)

Choose one of the two programmes: (B1 : 33Cr, B2 : 57Cr)

MASTER IN BIOMEDICINE, with focus (reformed programme) (B1 : 33Cr, B2 : 57Cr)

Notice : for students enrolling for the first time in 2024-2025.

Core curriculum compulsory courses

GENE0431-2	<i>Introduction to Genomics</i> (english language) - Michel GEORGES - [10h APP]	B1	Q1	20	-	[+]	3
COMU0430-2	<i>Scientific communication skills</i> (english language) - Michael HERFS	B1	Q1	10	20	-	2
STAT0420-1	<i>Biostatistics 2</i> - AnneFrançoise DONNEAU	B1	Q1	15	15	-	2
BIOL0431-3	<i>Cellular and molecular biology of disease</i> (english language) - Alain CHARLOT, Laurent NGUYEN, Agnès NOËL - [20h APP]	B1	Q1	20	-	[+]	3
INFO9024-1	<i>Data interpretation in bioinformatics</i> (english language) - Arnaud LAVERGNE - [20h APP]	B1	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]	B1	Q1	26	-	[+]	3
SBIM0439-1	<i>Bibliographic Research</i> (english language) - Nathalie JACOBS, Christel PEQUEUX	B1	Q2	-	-	-	3
METO0822-1	<i>Introduction to Translational Research</i> (english language) - François JOURET , Laurent WEEKERS	B1	Q2	30	-	-	3
SBIM2031-1	<i>Introduction to drug development</i> (english language) - Pierre FRANCOTTE, Géraldine PIEL	B1	Q2	20	-	-	2
MSTG9107-1	<i>Scientific internship</i> (english language) - Virginie NEIRINCKX,	B1	Q2	-	-	-	3

Christel PEQUEUX

Common core courses

Choose two courses from: (B1 : 6Cr)

SBIM2030-1	<i>Advances I in Clinical Biology</i> (english language) - Pablo BECKERS, Sébastien BONTEMS, Khalid EL MOUSSAOUI, Cécile MEEEX, Rosalie SACHELI	B1	Q1	15	15	-	3
IMMU0523-2	<i>Advances I in Immunology and Vaccinology</i> (english language) - Laurence DELACROIX, Nathalie JACOBS - [13h AUTR]	B1	Q1	12	5	[+]	3
SBIM2003-2	<i>Advances I in Cardiovascular Biology</i> (english language) - Mathieu LEMPEREUR - [10h AUTR]	B1	Q1	20	-	[+]	3
NEUR2043-2	<i>Advances I in Neurosciences</i> (english language) - Rachelle FRANZEN, Gaëtan GARRAUX, Virginie NEIRINCKX, Vincent SEUTIN	B1	Q1	26	4	-	3
NUTR1003-2	<i>Advances in GIT biology</i> (english language) - Laurence DELACROIX, Véronique DELCENSERIE, Nathalie ESSER, Nicolas PAQUOT, Catherine REENAERS, Bernard TAMINIAU - [5h AUTR]	B1	Q1	25	-	[+]	3
PHAR2221-2	<i>Advances I in Pharmacology and Toxicology</i> (english language) - Raphaël DENOZ, Julien HANSON - [10h AUTR]	B1	Q1	20	-	[+]	3
SBIM2008-2	<i>Advances I in Oncology</i> (english language) - Jorge ARRESE ESTRADA, Denis MOTTET, Nor Eddine SOUNNI - [12h AUTR]	B1	Q1	14	4	[+]	3

MASTER IN BIOMEDICINE, with focus (transitory programme) (B1 : 33Cr, B2 : 57Cr)

Notice : for students enrolled before 2024-2025.

Core curriculum compulsory courses

LANG0130-2	<i>Introduction to scientific seminars</i> (english language) - Sabine WISLET	B1	Q1	4	16	-	2
COMU0430-2	<i>Scientific communication skills</i> (english language) - Michael HERFS	B1	Q1	10	20	-	2
BIOL0431-2	<i>Cellular and molecular biology of disease</i> (english language) - Alain CHARLOT, Laurent NGUYEN, Agnès NOËL - [20h APP]	B1	Q1	20	-	[+]	2
GENE0431-1	<i>Introduction to Genomics</i> (english language) - Michel GEORGES	B1	Q1	20	-	-	2
STAT0420-1	<i>Biostatistics 2</i> - AnneFrançoise DONNEAU	B1	Q1	15	15	-	2
IMMU0523-1	<i>Advances I in Immunology and Vaccinology</i> (english language) - Laurence DELACROIX, Nathalie JACOBS - [5h AUTR]	B1	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]	B1	Q1	15	-	[+]	2
SBIM2003-1	<i>Advances I in Cardiovascular Biology</i> (english language) - Mathieu LEMPEREUR - [5h AUTR]	B1	Q1	15	-	[+]	2
NEUR2043-1	<i>Advances I in Neurosciences</i> (english language) - Rachelle FRANZEN, Gaëtan GARRAUX, Virginie NEIRINCKX, Vincent SEUTIN - [5h AUTR]	B1	Q1	15	-	[+]	2
NUTR1003-1	<i>Advances in GIT biology</i> (english language) - Laurence DELACROIX, Véronique DELCENSERIE, Nathalie ESSER, Nicolas PAQUOT, Catherine REENAERS, Bernard TAMINIAU - [5h AUTR]	B1	Q1	15	-	[+]	2
PHAR2221-1	<i>Advances I in Pharmacology and Toxicology</i> (english language) - Raphaël DENOZ, Julien HANSON - [5h AUTR]	B1	Q1	15	-	[+]	2
SBIM0437-4	<i>Regulatory framework for (bio)security and management of</i>	B1	Q1	13	-	[+]	1

	<i>biological risks in research and development facilities</i> (english language) - Emmanuelle DINON, Christine GRIGNET, Olivier THELLIN, Willy ZORZI - [2h Moni. ex.]								
INFO0430-3	<i>Notions of bioinformatics</i> - Olivier PEULEN	B1	Q2	10	10	-			2
CHIM0440-2	<i>Clinical chemistry</i> - Etienne CAVALIER	B1	Q2	20	10	-			2
METO0822-1	<i>Introduction to Translational Research</i> (english language) - François JOURET , Laurent WEEKERS	B1	Q2	30	-	-			3
SBIM0439-1	<i>Bibliographic Research</i> (english language) - Nathalie JACOBS, Christel PEQUEUX	B1	Q2	-	-	-			3
STAT1750-1	<i>Multivariate statistical analysis</i> - AnneFrançoise DONNEAU	B2	Q1	15	10	-			2
MSTG9076-1	<i>Work placement</i> - COLLÉGIALITÉ, Christel PEQUEUX	B2	Q2	-	-	-			17
	Corequisite : MMEM9012-1 - Thesis								
MMEM9012-1	<i>Thesis</i> (english language) - COLLÉGIALITÉ, Rachelle FRANZEN	B2	TA	-	-	-			28
	Prerequisite : SBIM0439-1 - Bibliographic Research								

Common core courses (B2 : 10Cr)

Choose two courses out of the following : (B2 : 10Cr)

SBIM2029-1	<i>Additional biological analyses</i> - François BOEMER, Sébastien BONTEMS, Philippe CALMANT, Benaïssa ELMOUALI, MariePierre HAYETTE, Cécile MEEUX - [20h AUTR]	B2	Q1	40	10	[+]			5
NEUR2616-1	<i>Specific questions in Neurosciences</i> (english language) - Laurence DELACROIX, Rachelle FRANZEN, Gaëtan GARRAUX, Vincent SEUTIN - [30h AUTR]	B2	Q1	18	2	[+]			5
INFO9010-1	(pas organisé en 2024-2025) <i>Medical records and hospital IT</i> - Laurent DEBRA, Philippe KOLH, Michel RAZE	B2	Q1	30	-	-			5
SBIM2017-1	<i>Oncology and Immunology</i> (english language) - Nathalie JACOBS - [10h AUTR]	B2	Q1	40	-	[+]			5
SBIM2018-1	<i>GIT from bench to bedside</i> (english language) - Olivier DETRY, MarieAlice MEUWIS, Catherine REENAERS - [10h AUTR]	B2		40	-	[+]			5
SBIM2019-1	<i>Advanced concepts in drug therapy and development</i> (english language) - Alain CHARLOT, Pierre FRANCOTTE, Géraldine PIEL - [10h AUTR]	B2	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]	B2	Q1	30	20	[+]			5

Bridging courses Master in biology (120 credits)

Compulsory courses (B0 : 60Cr)

TOXI0341-3	<i>Toxicological chemistry, Part I, Toxicological chemistry</i> - Corinne CHARLIER	B0	Q1	25	-	-			4
BIOC0006-1	<i>Principles of normal and pathological cellular regulation</i> - Agnès NOËL	B0	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]	B0	Q1	20	-	-		[+]	2

DEON0003-1	<i>Questions of ethics : Animal and human experimentation</i> - Jo CAERS, JeanMichel DOGNE, Pierre DRION, Ezio TIRELLI	B0	Q1	15	-	-	2
METO0003-1	<i>Introduction to scientific method and to experimentation</i> - Christel PEQUEUX, Barbara POLESE	B0	Q1	10	10	-	1
STAT1001-1	<i>Biostatistics I</i> - AnneFrançoise DONNEAU - [15h QA Sess.]	B0	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	B0	Q1	10	-	-	9
INFO9021-1	<i>Principles of programming Part 2 - Algorithmics and programming</i> - Christophe POULET	B0	Q1	10	10	-	2
LANG6002-1	<i>Advanced English for Biomedical Research : Writing</i> (english language) - Yasmine BADIR, Ellen HARRY	B0	Q1	-	30	-	2
NEUR2615-1	<i>Introduction to neurosciences</i> - Laurence DELACROIX, Rachelle FRANZEN, Gaëtan GARRAUX, Vincent SEUTIN	B0	Q1	40	-	-	4
IMMU0522-1	<i>Immunopathology</i> - Christophe DESMET, Michel MOUTSCHEN - [7h SI]	B0	Q2	10	-	[+]	2
MICR0330-4	<i>Medical microbiology</i> - MariePierre HAYETTE - [7h SI]	B0	Q2	25	10	[+]	3
CHIM0430-1	<i>Elements of analytical chemistry</i> - Marianne FILLET, AnneCatherine SERVAIS	B0	Q2	20	40	-	4
CHIM0217-3	<i>Principles of clinical chemistry</i> - Etienne CAVALIER	B0	Q2	20	-	-	2
LABO0431-1	<i>Integrated practical work</i> - Agnès NOËL, MarieJulie NOKIN	B0	Q2	5	35	-	3
SBIM0491-1	<i>Virology Part 2</i> - Nathalie JACOBS	B0	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.]	B0	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	B0	Q2	15	-	-	4
INFO9022-1	<i>Systems architecture and IT networks, part 1</i> - Vân Anh HUYNHTHU	B0	Q2	15	15	-	3
LANG6003-1	<i>Advanced English for Biomedical Research: Speaking</i> (english language) - Yasmine BADIR, Ellen HARRY	B0	Q2	-	30	-	2