

SBIM2M - Introduction

Introduction

i.e.:

- recognise their errors and correct them;
 - quote their sources and avoid plagiarism;
 - understand and apply the rules relating to experimentation.
- 5.c Develop their learning by cultivating scientific curiosity and participate in the dissemination of knowledge based on robust scientific thinking.

5.d Understand the rules of scientific publication.

6. If they choose the Research focus: display command of the specific knowledge base and conduct an original research project in a specialist field of biomedicine

6.a Have a comprehensive understanding of the fundamental principles and concepts of one of the following areas of biomedicine: molecular and cellular pathophysiology, cancerology or neuroscience; understand the diagnostic and therapeutic developments associated with the chosen field.

6.b Understand the constraints on the development of a scientific project, whether it concerns basic or applied research; structure and substantiate a funding application; identify the subject of a patent and be familiar with the submission procedure.

6.c Use the skills acquired during the Master's programme in a new professional environment, whether it is an institution or a company involved in biomedical research.

7. If they choose the Professional focus in nutrition, conduct themselves as experts in forging a link between nutrition and health, able to adopt a solid scientific and critical approach in the various professional environments concerned

7.a Have an in-depth understanding of the fundamental principles and concepts of basic and clinical nutrition and be able to use them to identify and test research hypotheses concerning mechanisms, prevention, diagnosis and treatment in the field of nutrition.

7.b Understand the constraints on the development of a scientific project, whether it concerns basic or applied research; structure and substantiate a funding application.

7.c Use the skills acquired during the Master's programme in a new professional environment, whether it is an institution or a company involved in nutrition in the broadest sense.

8. If they choose the Professional focus in toxicology: incorporate the multidisciplinary skills required to evaluate and prevent risks to human health caused by chemical

8.a Understand and use the fundamental principles and concepts of modern toxicology.

8.b Plan, conduct and interpret an experimental toxicological study.

8.c Critically analyse and summarise the available toxicological data for a chemical substance and incorporate this information in a regulatory context (in particular the European regulation REACH).

9. If they choose the Professional focus in clinical biomedicine: incorporate the knowledge and skills required to participate in large-scale clinical studies

9.a Incorporate the knowledge and skills enabling them to understand the purpose and pertinence of a new diagnostic or therapeutic tool in relation to a human pathology.

9.b Plan, conduct and interpret a large-scale clinical study, applying the appropriate IT and statistical analyses.

Programme structure

The programme is made up as follows :

- 1.) core subjects of 70 credits.
- 2.) a research focus or one of three professional focuses of 30 credits.
- 3.) an optional subject of 20 credits.

Whatever the focus or the options chosen, the programme of this master shall totalise 120 credits, spread over two years of studies each of 60 credits.

To access this master, the student must master certain subjects. If this is not the case, he must add additional lessons at the start of his master's program aimed at acquiring the prerequisite subjects for the studies concerned.

SBIM2M Programme

Detailed programme by subject

CORE COURSES

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫🌐 Not open to incoming exchange students
- 🇫🇷 Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Mémoire

○ WSBIM2198	Pre-thesis in biomedical sciences	Charles De Smet (coord.)	🇫🇷 [q2] [] [9 Credits] 🌐 > English-friendly	x

LIST OF FOCUSES

- > Research Focus [en-prog-2024-sbim2m-wsbim200a]
- > Professional Focus : Human Nutrition [en-prog-2024-sbim2m-wsbim201s]
- > Professional Focus : Toxicology [en-prog-2024-sbim2m-wsbim202s]
- > Professional Focus : Clinical Biomedical Sciences [en-prog-2024-sbim2m-wsbim203s]

RESEARCH FOCUS [30.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

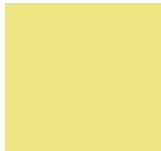
o Content:


o Cours obligatoire (3 credits)

○ WSBIM2280	Scientific communication workshop	Luc Bertrand Cyril Corbet Charles De Smet (coord.) Wen-Hui Lien Nisha Limaye	EN [q1] [30h] [3 Credits] 🌐	X
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o Cours au choix de systèmes expérimentaux (3 credits)

L'étudiant choisit un cours parmi les 2 suivants.



				Year	
				1	2
⊗ WSBIM1220	Neurobiology	Emmanuel Hermans (coord.) Pascal Kienlen-Campard Marcus Missal	FR [q2] [30h] [3 Credits]  > English-friendly	x	
⊗ WSBIM2152					

PROFESSIONAL FOCUS : TOXICOLOGY [30.0]

- Mandatory
- ✂ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

[Click on the course title to see detailed informations \(objectives, methods, evaluation...\)](#)

Year

PROFESSIONAL FOCUS : CLINICAL BIOMEDICAL SCIENCES [30.0]

- Mandatory
 - ✘ Optional
 - △ Not offered in 2024-2025
 - ⊖ Not offered in 2024-2025 but offered the following year
 - ⊕ Offered in 2024-2025 but not the following year
 - △ ⊕ Not offered in 2024-2025 or the following year
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● WMDS2223	Secteur oncologie	Martine Berlière
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o Démarche diagnostique (6 credits)

○ WMED2331	Stratégie d'utilisation de l'imagerie médicale et de la biologie clinique	Emmanuel Coche Dana Ioana Dumitriu Latifa Fellah Isabelle Leconte Frédéric Lecouvet Renaud Menten (coord.) Vassiliki Pasoglou Maximilien Thoma Jean Cyr Yombi	PR [q2] [16.5h] [3 Credits]		X
○ WESP2234	Clinical decision making	Andrea Penaloza-Baeza Annie Robert (coord.) Kiswendsida Clovis Sawadogo	PR [q1] [30h] [3 Credits]		X

o Evaluation du risque dans les études cliniques (6 credits)

○ WFSP2218	Longitudinal analysis: linear, logistic and Poisson regression	Annie Robert	PR [q1] [20h+20h] [3 Credits]		X
○ WSBIM2145	Linear multi-predictor models applied to the health sciences	Annie Robert	PR [q1] [30h+30h] [3 Credits]		X

o Autres enseignements obligatoires (4 credits)

○ WESP2232P	Genomic epidemiology	Catherine Legrand Alexandre Persu Annie Robert (coord.) Miikka Vakkula	PR [q2] [15h+15h] [2 Credits]		X
○ WFSP2228P					

OPTIONS [20.0]

Offered to incoming exchange students

- > Option **cancérologie** [en-prog-2024-sbim2m-wsbim908o]
- > Option **neurosciences** [en-prog-2024-sbim2m-wsbim907o]
- > Option **pathophysiologie cellulaire et moléculaire** [en-prog-2024-sbim2m-wsbim904o]
- > Option **nutrition humaine** [en-prog-2024-sbim2m-wsbim903o]
- > Option **toxicologie** [en-prog-2024-sbim2m-wsbim905o]
- > Option **sciences biomédicales cliniques** [en-prog-2024-sbim2m-wsbim906o]

OPTION CANCÉROLOGIE [20.0]

Offered in 2024-2025 but not the following year

Mandatory

				Year	
				1	2
WFARM1375	<p>Drugs and sustainable development <i>Ce cours ne peut être choisi que par les étudiants inscrits en master 60.</i></p>	<p>Nathalie Delzenne (coord.) Raphaël Frédérick Pauline Modrie Anne Spinewine Sandy Tubeuf Françoise Van Bambeke</p>	<p>PK [q2] [10h+20h] [3 Credits]</p>	x	
LBIR2050A	<p>Challenges of sustainable development and transition <i>Ce cours ne peut être choisi que par les étudiants inscrits en master 60.</i></p>	<p>Valentin Couvreur Nathalie Delzenne Valérie Swaen</p>	<p>PK [q1 or q2] [22.5h] [3 Credits]</p>		

OPTION NEUROSCIENCES [20.0]

OPTION PATHOPHYSIOLOGIE CELLULAIRE ET MOLÉCULAIRE [20.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫🌐 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

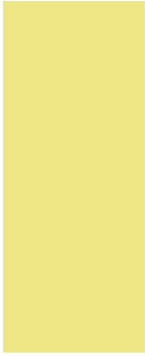
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o Content:

⊗ Programme des étudiants inscrits en master 60

L'étudiant suit les 17 crédits des cours obligatoires et choisit un des deux cours sur la thématique du Développement durable et Transition:

○ WSBIM2215	Post-translational regulation of proteins	Luc Bertrand (coord.) Guido Bommer Jean-François Collet Jean Baptiste Demoulin	(FR) [q1] [20h] [2 Credits] 🌐 > English-friendly	X
○ WSBIM2449	Intercellular signaling and tumor biology: Intercellular	Luc Bertrand (coord.) Guido Bommer Jean-François Collet Jean Baptiste Demoulin	(FR) [q1] [20h] [2 Credits] 🌐 > English-friendly	X
○ WSBIM2449	Intercellular signaling and tumor biology: Intercellular	Luc Bertrand (coord.) Guido Bommer Jean-François Collet Jean Baptiste Demoulin	(FR) [q1] [20h] [2 Credits] 🌐 > English-friendly	X
○ WSBIM2285	Biomedical project design, Pathophysiology	Frédéric Lemay	(EN) [q2] [30h] [4 Credits] 🌐	X
○ WSBIM2116	Maladies inflammatoires, auto-immunitaires et aspects immunologiques	Laure Demoutier (coord.) Sébastien Lucas Jean-Christophe Renault Pierre van der Bruggen	(FR) [q1] [20h+10h] [3 Credits] 🌐 > English-friendly	X
○ WFARM2149	Pharmaceutical approach in medicine	Nathalie Delzenne	(FR) [q2] [30h+15h] [3 Credits] 🌐 > English-friendly	X
⊗ WFARM1375	Drugs and sustainable development	Nathalie Delzenne (coord.) Raphaël Frédéric Pauline Modrie Anne Spinewine Sandy Tubeuf Françoise Van Bambeke	(FR) [q2] [10h+20h] [3 Credits] 🌐	X



OPTION NUTRITION HUMAINE [20.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫🌐 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Content:

Si une option comprend une UE déjà présente dans la finalité choisie par l'étudiant, il devra, avec l'accord de la faculté, prendre un autre cours afin que l'option totalise 20 crédits au minimum.

o Cours au choix

Pour compléter l'option, l'étudiant choisit des cours pour un nombre de crédits permettant d'atteindre les minimum 20 crédits d'option. Pour les étudiants du master 120, si certains cours que choisit l'étudiant sont offerts dans une finalité spécialisée, le recouvrement, entre les cours de cette option et les cours d'une finalité spécialisée, ne peut excéder 6 crédits.

o Cours au choix (10 credits)

L'étudiant choisit des cours pour atteindre un minimum de 10 crédits, parmi les cours proposés dans la liste ci-dessous, complétés de cours proposés dans tout autre programme de la faculté. Ce choix sera validé par la commission d'enseignement de la finalité.

⊗ WSBIM2230	Biochemistry of inborn errors of metabolism	Joseph Dewulf (coord.) Marie-Cécile Nassogne	(FR) [q1] [30h] [3 Credits] 🌐	X
⊗ WSBIM2290	Introduction to laboratory animal science	Jean-Paul Dehoux	(FR) [q1] [37h] [3 Credits] 🌐	X
⊗ WFARM2149	Pharmaceutical approach in nutrition	Nathalie Delzenne	(FR) [q2] [30h+15h] [3 Credits] 🌐	

OPTION SCIENCES BIOMÉDICALES CLINIQUES [20.0]

- Mandatory
 - ✘ Optional
 - △ Not offered in 2024-2025
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Supplementary classes

To access this Master, students must have a good command of certain subjects. If this is not the case, in the first annual block of their Masters programme, students must take supplementary classes chosen by the faculty to satisfy course prerequisites.

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
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- Activity with requisites
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Click on the course title to see detailed informations (objectives, methods, evaluation...)

○ Finalités

⊗ -

L'étudiant souhaitant intégrer la finalité approfondie sera invité à suivre le module complémentaire constitué des unités d'enseignement suivantes:

○ Cours de base

○ WFARM1221S	Biochemistry and molecular biology	Nathalie Delzenne (coord.)	FR [q1] [50h+10h] [6 Credits] 🌐
○ WFARM1213	Human physiology and basics of physiopathology	Olivier Feron (coord.) Emmanuel Hermans Jean-Christophe Jonas (compensates Mandy Grootaert)	FR [q2] [60h] [6 Credits] 🌐 > English-friendly
○ WMDS1230	Biologie cellulaire médicale et expérimentale	Stefan Constantinescu (coord.) Christophe Pierreux Donatienne Tyteca	FR [q1] [30h+20h] [4 Credits] 🌐
○ LANGL2454	English for biomedical students	Nicholas Gibbs Nevin Serbest (coord.)	EN [q2] [30h] [3 Credits] 🌐
○ WSBIM1334	general immunology	Isabelle Leclercq Sophie Lucas (coord.) Jean-Christophe Renaud Rémy Ruelle Benoit Van den Eynde Nathalie Vigneron (compensates Sophie Lucas)	FR [q1] [65h] [6 Credits] 🌐 > English-friendly
○ WMD1006	Cytology and general histology	Christophe Pierreux	FR [q2] [10h+40h] [5 Credits] 🌐
○ WFARM1282	General microbiology	Thomas Michiels	FR [q1] [20h+15h] [3 Credits] 🌐
○ WSBIM1226	Molecular biology (including epigenetics) and tutorials	Charles De Smet Frédéric Lemaigre Thomas Michiels (coord.)	FR [q1] [30h+10h] [3 Credits] 🌐
○ WSBIM1320	Introduction to experimental approaches in cellular and molecular biology	Luc Bertrand Anne des Rieux Sandrine Horman Donatienne Tyteca (coord.)	FR [q2] [30h] [3 Credits] 🌐
○ WSBIM1302	Molecular Virology	Thomas Michiels	FR [q1] [25h] [3 Credits] 🌐
○ WSBIM1382	Genetics and applied biotechnology	Luc Bertrand (coord.) Laure Dumoutier Géraldine Laloux Nisha Limaye	FR [q1] [30h] [3 Credits] 🌐 > English-friendly

○
WSBIM1211

Methodolgy of cell and molecular biology

⌘ WESP2123	Principles of clinical trials	Diego Castanares Zapatero Annie Robert (coord.) Xavier Stephenne (compensates) Françoise Smets	PR [q1] [20h+10h] [4 Credits] 🌐
⌘ WSBIM1211	Methodolgy of cell and molecular biology	Guido Bommer Jean-François Collet (coord.) Stefan Constantinescu Donatienne Tyteca	PR [q2] [22.5h] [3 Credits] 🌐
⌘ WSBIM1323	Systemic neuroscience	Philippe Gailly Pascal Kienlen-Campard Marcus Missal (coord.)	

○ Cours au choix

L'étudiant est invité à choisir 3 unités d'enseignement parmi la liste proposée ci-dessous

⌘	Molecular Virology
WSBIM1302	

Course prerequisites

The **table** below lists the activities (course units, or CUs) for which there are one or more prerequisites within the programme, i.e. the programme CU for which the learning outcomes must be certified and the corresponding credits awarded by the jury before registering for that CU.

These activities are also identified in the **detailed programme**: their title is followed by a yellow square.

Prerequisites and student's annual programme

As the prerequisite is for CU registration purposes only, there are no prerequisites within a programme year. Prerequisites are defined between CUs of different years and therefore influence the order in which the student will be able to register for the programme's CUs.

In addition, when the jury validates a student's individual programme at the beginning of the year, it ensures its coherence, meaning that it may:

- require the student to combine registration in two separate CUs which it considers necessary from a pedagogical point of view.
- transform a prerequisite into a corequisite if the student is in the final year of a degree course.

For more information, please consult the [Academic Regulations and Procedures](#).

Prerequisites list

WSBIM2237 "Nutrition et environnement : aspect sociétal" has prerequisite(s) WSBIM2181 ET WSBIM2134 ET WSBIM2136 ET WSBIM2137 ET WSBIM2138

- WSBIM2181 - [Molecular and cellular aspects of nutrition](#)
- WSBIM2134 - [Pathophysiology of nutrition](#)
- WSBIM2136 - [Clinical nutrition](#)
- WSBIM2137 - [Nutrition and environment: biological and toxicological aspects](#)
- WSBIM2138 - [Innovation and research in nutrition](#)

WSBIM2238 "Nutrition spécialisée" has prerequisite(s) WSBIM2181 ET WSBIM2134 ET WSBIM2136 ET WSBIM2137 ET WSBIM2138

- WSBIM2181 - [Molecular and cellular aspects of nutrition](#)
- WSBIM2134 - [Pathophysiology of nutrition](#)
- WSBIM2136 - [Clinical nutrition](#)
- WSBIM2137 - [Nutrition and environment: biological and toxicological aspects](#)
- WSBIM2138 - [Innovation and research in nutrition](#)

WSBIM2239 "Nutrition et santé publique" has prerequisite(s) WSBIM2181 ET WSBIM2134 ET WSBIM2136 ET WSBIM2137 ET WSBIM2138

- WSBIM2181 - [Molecular and cellular aspects of nutrition](#)
- WSBIM2134 - [Pathophysiology of nutrition](#)
- WSBIM2136 - [Clinical nutrition](#)
- WSBIM2137 - [Nutrition and environment: biological and toxicological aspects](#)
- WSBIM2138 - [Innovation and research in nutrition](#)

WSBIM2244 "Special issues in cancerology" has prerequisite(s) WSBIM2280 ET (WSBIM2112 OU WSBIM2151) ET WSBIM2141 ET WSBIM2142 ET WSBIM2143 ET WSBIM2144

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- WSBIM2112 - [Cell and molecular biology: experimental systems](#)
 - WSBIM2151 - [Experimental approaches in neuroscience](#)
 - WSBIM2154 - [Neuroanatomy and anatomo-functional imaging techniques](#)
 - WSBIM2155 - [Developmental neurobiology](#)
 - WSBIM2156 - [Animal and human electrophysiology project](#)
- WSBIM2255** "[Seminar on neurological and psychiatric disease](#)" has prerequisite(s) WSBIM2280 ET (WSBIM2112 OU WSBIM2151) ET WSBIM2154 ET WSBIM2155 ET WSBIM2156
- WSBIM2280 - [Scientific communication workshop](#)
 - WSBIM2112 - [Cell and molecular biology: experimental systems](#)
 - WSBIM2151 - [Experimental approaches in neuroscience](#)
 - WSBIM2154 - [Neuroanatomy and anatomo-functional imaging techniques](#)
 - WSBIM2155 - [Developmental neurobiology](#)
 - WSBIM2156 - [Animal and human electrophysiology project](#)
- WSBIM2271** "[International research internship](#)" has prerequisite(s) WSBIM2198 ET WSBIM2197
- WSBIM2198 - [Pre-thesis in biomedical sciences](#)
 - WSBIM2197 - [Laboratory internship \(part 1\)](#)
- WSBIM2272** "[Work placement](#)" has prerequisite(s) WSBIM2198 ET WSBIM2197
- WSBIM2198 - [Pre-thesis in biomedical sciences](#)
 - WSBIM2197 - [Laboratory internship \(part 1\)](#)
- WSBIM2273** "[Research placement](#)" has prerequisite(s) WSBIM2198 ET WSBIM2197
- WSBIM2198 - [Pre-thesis in biomedical sciences](#)
 - WSBIM2197 - [Laboratory internship \(part 1\)](#)
- WSBIM2284** "[Cellular and molecular pathophysiology of human diseases \(Part 2\)](#)" has prerequisite(s) WSBIM2280 ET (WSBIM2112 OU WSBIM2151)
- WSBIM2280 - [Scientific communication workshop](#)
 - WSBIM2112 - [Cell and molecular biology: experimental systems](#)
 - WSBIM2151 - [Experimental approaches in neuroscience](#)
- WSBIM2285** "[Biomedical project design, Pathophysiology](#)" has prerequisite(s) WSBIM2280 ET (WSBIM2112 OU WSBIM2151)
- WSBIM2280 - [Scientific communication workshop](#)
 - WSBIM2112 - [Cell and molecular biology: experimental systems](#)
 - WSBIM2151 - [Experimental approaches in neuroscience](#)
- WSBIM2297** "[Stage en laboratoire \(2e partie\)](#)" has prerequisite(s) WSBIM2197
- WSBIM2197 - [Laboratory internship \(part 1\)](#)
- WSBIM2298** "[Mémoire expérimental en sciences biomédicales](#)" has prerequisite(s) WSBIM2198
- WSBIM2198 - [Pre-thesis in biomedical sciences](#)

The programme's courses and learning outcomes

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

SBIM2M - Information

Access Requirements

Master course admission requirements are defined by the French Community of Belgium Decree of 7 November 2013 defining the higher education landscape and the academic organisation of courses.

General and specific admission requirements for this programme must be satisfied at the time of enrolling at the university.


Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed in this table or on this page are to be understood as those issued by an institution of the French, Flemish or German-speaking Community, or by the Royal Military Academy.

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

SUMMARY

- > [General access requirements](#)
- > [Specific access requirements](#)
- > [University Bachelors](#)
- > [Non university Bachelors](#)
- > [Holders of a 2nd cycle University degree](#)
- > [Access based on validation of professional experience](#)
- > [Access based on application](#)
- > [Admission and Enrolment Procedures for general registration](#)

Specific access requirements

Les candidats étudiants non francophones (UE et hors UE) devront apporter la preuve, dans leur demande d'admission, d'une maîtrise suffisante de la langue française (niveau B1 du [Cadre européen commun de référence](#) , pages 24 à 29)

University Bachelors

Diploma	Special Requirements	Access	Remarks
UCLouvain Bachelors			
Bachelor in Biomedicine		Direct access	
Bachelor in Dentistry Bachelor in Medicine Bachelor in Pharmacy		Access with additional training	Additional requirements for admission de max 15 crédits intégrés dans le programme du master
Bachelor in Veterinary Medicine Bachelor in Chemistry Bachelor in Physics Bachelor in Bioengineering		Access based on application	Additional requirements for admission de max 60 crédits intégrés dans le programme du master
Others Bachelors of the French speaking Community of Belgium			
bachelier en sciences biomédicales		Direct access	
bachelier en médecine sciences pharmaceutiques sciences dentaires		Access with additional training	Additional requirements for admission de max 15 crédits intégrés dans le programme du master
bachelier en médecine vétérinaire bachelier en sciences chimiques bachelier en sciences de l'ingénieur orientation bioingénieur bachelier en sciences physiques		Access based on application	Additional requirements for admission de max 60 crédits intégrés dans le programme du master
Bachelors of the Dutch speaking Community of Belgium			
bachelier en sciences biomédicales		Direct access	
bachelier en médecine sciences pharmaceutiques sciences dentaires		Access with additional training	Additional requirements for admission de max 15 crédits

bachelier en médecine vétérinaire
bachelier en sciences chimiques
bachelier en sciences de l'ingénieur orientation bioingénieur
bachelier en sciences physiques

Access based on application

intégrés dans le programme du master

[Additional requirements for admission](#)

Teaching method

Throughout the Master's programme, students encounter a variety of complementary teaching methods: classroom lectures, tutoring, laboratory work and immersion in a professional environment.

The course programme is designed to enable an excellent level of training in research through experimentation.

The theory teaching, monitoring in the laboratory and supervision of the thesis are performed by research professionals.

Professional focus in human nutrition: the programme is organised so as to leave a period of time almost exclusively devoted to the production of a laboratory experiment dissertation, which is essential to enable the learner to become an integral part of a team and to allow adequate monitoring by the supervisors.

The final stage of the programme includes an introductory work placement, intended to enable the students to face the world of employment that they will have to deal with on completion of the training; the various courses will also provide the opportunity for contact with key representatives of the world of employment during the training.

The critical mindset will be developed in the field, which is necessary in view of the amount of misleading information found on the Internet or through inadequate communication networks in the field of nutrition and health; this competence will be acquired by being faced with real-life cases to be dealt with in several courses.

Evaluation

The evaluation methods comply with the [regulations concerning studies and exams](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

evaluA d topcine

Entity

Structure entity	SSS/FASB/SBIM
Denomination	(SBIM)
Faculty	Faculty of Pharmacy and Biomedical Sciences (FASB)
Sector	Health Sciences (SSS)
Acronym	SBIM
Postal address	Avenue Mounier 73 - bte B1.73.04 1200 Woluwe-Saint-Lambert Tel: +32 (0)2 764 73 62 - Fax: +32 (0)2 764 73 63

Academic supervisor: [Charles De Smet](#)

Jury

- Président de jury: [Charles De Smet](#)
- Secrétaire du jury: [Laurent Gatto](#)

Useful Contact(s)

- Conseiller aux études: [Laure Dumoutier](#)
- Secrétaire de l'école: [Guillaume Arnould](#)
- Président de la commission d'enseignement de l'école de sciences biomédicales: [Charles De Smet](#)
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