

**At Bruxelles Woluwe - 120 credits - 2 years - Day schedule - In French**

Dissertation/Graduation Project : **YES** - Internship : **YES**

Activities in English: **optional**

## SBIM2M - Introduction

### Introduction

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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.

## CORE COURSES

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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

## ○ Mémoire

○ WSBIM2198	Pre-thesis in biomedical sciences	Charles De Smet (coord.)	[FR] [q2] [ ] [9 Credits] 🌐 > English-friendly	X	
○ WSBIM2298	Experimental dissertation in biomedical sciences ■	Charles De Smet (coord.)	[FR] [q1] [ ] [20 Credits] 🌐 > English-friendly		X

## ○ Apprentissage de l'approche expérimentale

○ WSBIM2197	Laboratory internship (part 1)	Charles De Smet (coord.)	[FR] [q2] [ ] [19 Credits] 🌐 > English-friendly	X	
○ WSBIM2297	Laboratory internship (Part 2) ■	Charles De Smet (coord.)	[FR] [q1] [ ] [20 Credits] 🌐 > English-friendly		X

## ○ Sciences religieuses (2 credits)

L'étudiant choisit un cours parmi les suivants :

⊗ LTECO2101	Questions of religious sciences: biblical readings	Claude Lichtert	[FR] [q1] [15h] [2 Credits] 🌐	X	
⊗ LTECO2102	Questions of religious sciences: reflections about christian faith	Arnaud Join-Lambert	[FR] [q1] [15h] [2 Credits] 🌐	X	
⊗ LTECO2103	Questions of religious sciences: questions about ethics	Eric Gaziaux	[FR] [q1] [15h] [2 Credits] 🌐	X	

## LIST OF FOCUSES

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- > **Research Focus** [ en-prog-2023-sbim2m-wsbim200a ]
- > **Professional Focus : Human Nutrition** [ en-prog-2023-sbim2m-wsbim201s ]
- > **Professional Focus : Toxicology** [ en-prog-2023-sbim2m-wsbim202s ]
- > **Professional Focus : Clinical Biomedical Sciences** [ en-prog-2023-sbim2m-wsbim203s ]

## RESEARCH FOCUS [30.0]

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- Mandatory
  - ⌘ Optional
  - △ Not offered in 2023-2024
  - ⊖ Not offered in 2023-2024 but offered the following year
  - ⊕ Offered in 2023-2024 but not the following year
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**PROFESSIONAL FOCUS : HUMAN NUTRITION [30.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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:**

○ WSBIM2181	Molecular and cellular aspects of nutrition	Luc Bertrand Patrice Cani (coord.) Patrick Gilon Nicolas Lanthier Maria Veiga da Cunha	FR [q1] [30h] [4 Credits] 🌐	X	
○ WSBIM2134	Pathophysiology of nutrition	Patrice Cani (coord.) Nicolas Lanthier Audrey Loumaye	FR [q1] [30h] [4 Credits] 🌐	X	
○ WSBIM2136	Clinical nutrition	Patrice Cani (coord.)	FR [q1] [30h] [4 Credits] 🌐 > English-friendly	X	
○ WSBIM2137	Nutrition and environment: biological and toxicological aspects	Philippe de Timary Cathy Debier Nathalie Delzenne (coord.) Sandrine Ellero-Simatos (compensates Laure Bindels) Amandine Everard Françoise Smets	FR [q1] [30h] [4 Credits] 🌐 > English-friendly	X	
○ WSBIM2138	Innovation and research in nutrition	Laure Bindels Patrice Cani Nathalie Delzenne (coord.) Jean-Christophe Jonas Nicolas Lanthier Xavier Stéphanne	EN [q1] [30h] [4 Credits] 🌐	X	
○ WSBIM2238	Specialized nutrition ■	Dominique Hermans Françoise Smets Xavier Wittebole	FR [q2] [30h] [4 Credits] 🌐 > English-friendly		X
○ WSBIM2237	Nutrition and environment: societal aspects ■	Olivier De Schutter Nathalie Delzenne (coord.) Sophie Leclercq (compensates Laure Bindels)	FR [q2] [20h] [3 Credits] 🌐 > English-friendly		X



**PROFESSIONAL FOCUS : TOXICOLOGY [30.0]**

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- Mandatory
- ✘ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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, ...)

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

Year

**1 2****o Content:**

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**o Cours obligatoires**

● WFARM2139	Pharmacocinetic, genomics and toxicology	
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**PROFESSIONAL FOCUS : CLINICAL BIOMEDICAL SCIENCES [30.0]**

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 **Formation à une spécialité clinique (14 credits)**

La formation à une spécialité clinique se divise en 2 parties. Onze crédits dans le 1er bloc annuel et trois crédits dans le 2e bloc annuel. En 1er bloc annuel, l'étudiant choisit un secteur clinique (5 crédits) parmi ceux indiqués ci-dessous, le cours d'exploration correspondant (2 crédits) et il effectue un stage dans un laboratoire, une unité ou un centre de recherche clinique lié au secteur (4 crédits). En 2e bloc annuel, l'étudiant choisit le cours de complément dans le secteur qu'il a choisi dans le 1er bloc annuel (3 crédits).

o **Secteurs cliniques, cours d'exploration et cours de complément (10 credits)**

⊗ **Secteur cardio-vasculaire**

○ WMDS1325S	Système cardiovasculaire, partie 2 (partim SBIM)		(FR) [q2] [60h] [5 Credits] 🌐	X
○ WINTR2291	Exploration fonctionnelle cardiaque	Joëlle Kefer	(FR) [q2] [15h] [2 Credits] 🌐	X

o **Cours de complément, au choix (3 credits)**

L'étudiant choisit ce cours ou tout autre cours jugé équivalent par la commission de programme, en 2e bloc annuel.

⊗ WPEDI2140	Cardiologie pédiatrique	Catherine Barréa Karlien Carbonez Stéphane Moniotte Mieke Rog91   0 1   h w n P64 41.99599ine Ba000saT 19.3500011 10.77400017 Tm
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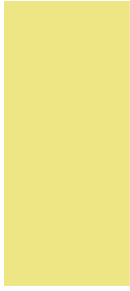
				Year	
				1	2
<p>○ WRDGN2130</p>	<p>Complements of Medical Imaging</p>	<p>Emmanuel Coche Etienne Danse Dana Ioana Dumitriu (coord.) Idil Gunes Tatar Thomas Kirchgesner Isabelle Leconte Frédéric Lecouvet Renaud Menten</p>	<p>PK [q1] [15h] [2 Credits]</p>	<p>x</p>	
<p>○ WMDS2125T</p>	<p>Secteur digestif (partim SBIM : tube digestif)</p>				

[q1] [12p] [5 Credits]

EB

[q1] [12p] [5 Credits]

EB



**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
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			Year
			1 2
WSBIM2229	<p><b>Interdisciplinary program in translational medicine</b>  <i>Ce cours est au choix pour l'étudiant. Ce programme interuniversitaire est financé par le Fond Baillet Latour. Plus de renseignements sur le <a href="#">site</a></i></p>		

PK [q2] [50h] [5 Credits]







				Year	
				1	2
<input checked="" type="radio"/> WSBIM2218	Special issues in molecular and cellular pathophysiology	Christiani Andrade Amorim Luc Bertrand Cyril Corbet Chantal Dessy Laure Dumoutier Antoine Froidure Bernard Hanseeuw Patrick Henriët Sandrine Horman Jean-Christophe Jonas (coord.) Shakeel Kautbally	EN [q2] [30h] [3 Credits]		x

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## OPTION NUTRITION HUMAINE [20.0]

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- Mandatory
- ✘ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange students

[FR]

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## OPTION TOXICOLOGIE [20.0]

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- Mandatory
- ✘ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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, ...)

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

Year

1 2

### o Content:

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## Supplementary classes

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**To access this Master, students must have a good command of certain subjects. If this is not the case, students must take supplementary classes chosen by the faculty to satisfy course prerequisites.**

- Mandatory
- ⌘ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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, ...)

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

○  
WSBIM1382

Genetics and applied biotechnology

⌘ WESP2234	Clinical decision making	Andrea Penaloza-Baeza Annie Robert (coord.) Kiswendsida Clovis Sawadogo	FR [q1] [30h] [3 Credits] 🌐
⌘ WESP2123	Principles of clinical trials	Diego Castanares Zapatero Philippe Lysy Annie Robert (coord.) Françoise Smets	FR [q1] [20h+10h] [4 Credits] 🌐
⌘ WSBIM1211	Methodolgy of cell and molecular biology	Guido Bommer Jean-François Collet (coord.) Stefan Constantinescu Donatienne Tyteca	FR [q2] [22.5h] [3 Credits] 🌐
⌘ WSBIM1323	Systemic neuroscience	Philippe Gailly Pascal Kienlen-Campard Marcus Missal (coord.)	FR [q1] [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	



○ WFARM1305	Elements of General Pathology	Mélanie Dechamps Olivier Feron (coord.)	ER [q2] [30h] [3 Credits] > English-friendly
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### ○ Cours au choix

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


⌘ WSBIM1302	Molecular Virology	Thomas Michiels	ER [q1] [25h] [3 Credits]
⌘ WSBIM1382	Genetics and applied biotechnology	Luc Bertrand (coord.) Laure Dumoutier Géraldine Laloux Nisha Limaye	ER [q1] [30h] [3 Credits] > English-friendly
⌘ WSBIM1211	Methodology of cell and molecular biology	Guido Bommer Jean-François Collet (coord.) Stefan Constantinescu Donatienne Tyteca	ER [q2] [22.5h] [3 Credits]
⌘ WSBIM1323	Systemic neuroscience	Philippe Gailly Pascal Kienlen-Campard Marcus Missal (coord.)	ER [q1] [30h] [3 Credits]
⌘ WSBIM1305	Introduction to human nutrition	Véronique Beauloye Patrice Cani Nathalie Delzenne (coord.) Françoise Smets	ER [q1] [30h] [3 Credits]
⌘ WFARM1202	Eléments d'épidémiologie appliquée aux sciences pharmaceutiques et biomédicales	Séverine Henrard	ER [q2] [20h] [3 Credits] > English-friendly
⌘ WSBIM1205	Introduction to toxicology	Lidvine Boland Nathalie Delzenne Vincent Haufroid Perrine Hoet (coord.) François Huaux	ER [q2] [30h] [3 Credits]

### ⌘ Bloc complémentaire de la finalité toxicologie humaine

L'étudiant souhaitant intégré la finalité spécialisée en toxicologie humaine sera invité à suivre le module complémentaire constitué des unités d'enseignement suivantes

### ○ Cours de base

○ WFARM1221S	Biochemistry and molecular biology	Nathalie Delzenne (coord.)	ER [q1] [50h+10h] [6 Credits]
○ WFARM1213	Human physiology and basics of physiopathology	Olivier Feron (coord.) Emmanuel Hermans Jean-Christophe Jonas (compensates Philippe Lysy)	ER [q2] [60h] [6 Credits] > English-friendly
○ WMDS1230	Biologie cellulaire médicale et expérimentale	Stefan Constantinescu (coord.) Christophe Pierreux Donatienne Tyteca	ER [q1] [30h+20h] [4 Credits]
○ WFARM1247			

○ WSBIM1320	Introduction to experimental approaches in cellular and molecular biology	Luc Bertrand Anne des Rieux Sandrine Horman Donatienne Tyteca (coord.)	PK [q2] [30h] [3 Credits] 
○ WMDS1237			



## Course prerequisites

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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](https://uclouvain.be/fr/decouvrir/rgee.html) (<https://uclouvain.be/fr/decouvrir/rgee.html>).

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### # Prerequisites list

**WMDTR3201S** "Facteurs de risques chimiques en milieu professionnel (partim SBIM)" has prerequisite(s) WMDTR3211

- WMDTR3211

- WSBIM2155 - [Developmental neurobiology](#)
  - WSBIM2156 - [Animal and human electrophysiology project](#)
- WSBIM2253** "[Advanced issues in cognitive neuroscience](#)" 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](#)
- 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 internship, Part 2](#)" 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

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For each UCLouvain training programme, a [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
<b>UCLouvain Bachelors</b>			
<a href="#">Bachelor in Biomedicine</a>		Direct access	
<a href="#">Bachelor in Dentistry</a> <a href="#">Bachelor in Medicine</a> <a href="#">Bachelor in Pharmacy</a>		Access with additional training	<a href="#">Additional requirements for admission</a> de max 15 crédits intégrés dans le programme du master
<a href="#">Bachelor in Veterinary Medicine</a> <a href="#">Bachelor in Chemistry</a> <a href="#">Bachelor in Physics</a> <a href="#">Bachelor in Bioengineering</a>		Access based on application	<a href="#">Additional requirements for admission</a> de max 60 crédits intégrés dans le programme du master
<b>Others Bachelors of the French speaking Community of Belgium</b>			
bachelier en sciences biomédicales		Direct access	
bachelier en médecine sciences pharmaceutiques sciences dentaires		Access with additional training	<a href="#">Additional requirements for admission</a> 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	<a href="#">Additional requirements for admission</a> de max 60 crédits intégrés dans le programme du master
<b>Bachelors of the Dutch speaking Community of Belgium</b>			
bachelier en sciences biomédicales		Direct access	
bachelier en médecine sciences pharmaceutiques sciences dentaires		Access with additional training	<a href="#">Additional requirements for admission</a> 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  <a href="#">Additional requirements for admission</a> de max 60 crédits intégrés dans le programme du master
<b>Foreign Bachelors</b>		
diplôme universitaire jugé équivalent dans des domaines autres que ceux repris ci-dessus ou ayant acquis une expérience pouvant être valorisée dans le domaine des sciences biomédicales	Access based on application	Accès en bachelier. Programme établi par le jury d'admission sur base du parcours antérieur de minimum 60 crédits.

## Non university Bachelors

> Find out more about [links](#) to the university

Diploma	Access	Remarks
BA - sage-femme - crédits supplémentaires entre 15 et 30 BA - technologue de laboratoire médical - crédits supplémentaires entre 30 et 60 BA - technologue en imagerie médicale - crédits supplémentaires entre 30 et 60 BA de spécialisation en anesthésie - crédits supplémentaires entre 15 et 30 BA de spécialisation en soins intensifs et aide médicale urgente - crédits supplémentaires entre 15 et 30 BA en chimie, orientation biochimie - crédits supplémentaires entre 30 et 60 BA en chimie, orientation biotechnologie - crédits supplémentaires entre 30 et 60 BA en chimie, orientation chimie appliquée - crédits supplémentaires entre 30 et 60 BA en chimie, orientation environnement - crédits supplémentaires entre 30 et 60 BA en diététique - crédits supplémentaires entre 30 et 60 BA en ergothérapie - crédits supplémentaires entre 30 et 60 BA en soins infirmiers - crédits supplémentaires entre 30 et 60 BA en soins infirmiers pour titulaires d'un brevet d'infirmier hospitalier - crédits supplémentaires entre 30 et 60 Bachelier: infirmier responsable de soins généraux - crédits supplémentaires entre 15 et 30	Les enseignements supplémentaires éventuels peuvent être consultés dans <a href="#">le module complémentaire</a> .	Type court

## Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
<b>"Licenciés"</b>			
		Direct access	
<b>Masters</b>			
<a href="#">Master [120] in Biochemistry and Molecular and Cell Biology</a>		Access with additional training	Type long
<a href="#">Master [120] in Pharmacy</a>		Access based on application	Type long

## Access based on validation of professional experience

> It is possible, under certain conditions, to use one's personal and professional experience to enter a university course without having the required qualifications. However, validation of prior experience does not automatically apply to all courses. Find out more about [Validation of priori experience](#).

## Access based on application

Access based on application : access may be granted either directly or on the condition of completing additional courses of a maximum of 60 ECTS credits, or refused.

## Admission and Enrolment Procedures for general registration









