

**At Bruxelles Woluwe - 180 credits - 3 years - Day schedule - In French**

## SBIM1BA - Introduction

### Introduction

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## SBIM1BA - Teaching profile

### Learning outcomes

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Bachelor in Biomedicine students must endeavour to prepare themselves for the training offered in the various Master's programmes taught by the School of Biomedical Sciences. To this end, students will apply themselves to acquiring the knowledge and skills that will enable them to become specialists in a field of biomedicine and play an integral part in a scientific project.

As part of the Bachelor in Biomedicine programme, students will study in detail the basic scientific foundations required to practise biomedicine and will discover a variety of specific areas of biomedical research. These activities will enable them to decide on their training projects for the Master's programme. In addition, practical lab work will enable Bachelor students to acquire the professional skills that they will develop during the Master's programme with increasing robustness and independence.

The major is completed by a course equivalent to 30 credits, which may be an option selected from "the options menu" (more advanced studies in Biomedical Sciences) or a "minor" (an opening course in other disciplines). The course of 30 credits may be followed together with the specialised course.

#### Principal Subjects

The bachelor's studies enable the student to apprehend the world of the living, from a single atom to the whole of society .

#### *A toms, molecules and the systems which govern them :*

General and Organic Chemistry - Biochemistry - Applied Physics - Pharmacology and Pharmacokinetics - Mathematics.

#### *From a single cell to a human being*

Morphological and Functional Approach : General Cellular and Molecular Biology, - Cytology and Histology- Anatomy - Embryology - Immunology - Physiology - Microbiology - General Pathology.

#### *Man and society*

Contextual Approach : Philosophy - Psychology.

#### *Research experience*

Statistics - Strategies and applied models - Genetic Engineering - Instrumental Analysis.






#### *Other studies*

English

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				Year		
				1	2	3
○ WFARM2139T	Pharmacokinetic, genomics and toxicology (toxicology part) 	Laure Bindels (coord.)	PK [q1] [22h] [3 Credits]  > English-friendly			x
○ 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] 			x
○ WSBIM1305	Introduction to human nutrition 	Véronique Beauloye Patrice Cani Nathalie Delzenne (coord.) Françoise Smets Matthias Van Hul				

## List of available minors

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## 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

- LANGL1855** "Anglais médical" has prerequisite(s) LANGL1854
- LANGL1854 - Medical English
- LANGL2454** "Anglais pour étudiants en sciences biomédicales" has prerequisite(s) LANGL1855
- LANGL1855 - Medical English
- WFARM1202** "Eléments d'épidémiologie appliquée aux sciences pharmaceutiques et biomédicales" has prerequisite(s) WFARM1247 ET WSBIM1207 ET LANGL1855
- WFARM1247 - Statistical data processing
  - WSBIM1207 - Introduction to bioinformatics
  - LANGL1855 - Medical English
- WFARM1213S** "Physiologie des systèmes et éléments de physiopathologie - (partim SBIM)" has prerequisite(s) WMD1120 ET WFARM1009 ET WMD1006
- WMD1120 - General biology and an experimental approach to biology
  - WFARM1009 - Elements of general and functional anatomy
  - WMD1006 - Cytology and general histology
- WFARM1221S** "Biochimie et biologie moléculaire (partim biochimie)" has prerequisite(s) WMD1120 ET WMD1006 ET WMD1106
- WMD1120 - General biology and an experimental approach to biology
  - WMD1006 - Cytology and general histology
  - WMD1106 - ORGANIC CHEMISTRY
- WFARM1247** "Traitement statistique des données" has prerequisite(s) WMD1102 ET WSBIM1001 ET LANGL1854
- WMD1102 - Physique expérimentale et introduction mathématique aux sciences expérimentales (1e partie)
  - WSBIM1001 - MATHEMATICAL METHODS IN BIOMEDICAL SCIENCES
  - LANGL1854 - Medical English
- WFARM1282** "Microbiologie générale" has prerequisite(s) WMD1120 ET WMD1006 ET WSBIM1001
- WMD1120 - General biology and an experimental approach to biology
  - WMD1006 - Cytology and general histology
  - WSBIM1001 - MATHEMATICAL METHODS IN BIOMEDICAL SCIENCES
- WFARM1305** "Eléments de pathologie humaine" has prerequisite(s) WFARM1213S ET WSBIM1203
- WFARM1213S - Human physiology and basics of physiopathology - (Partim SBIM)
  - WSBIM1203 - Special histology and hematology
- WFARM2139T** "Pharmacocinétique, pharmacogénomique et toxicologie (partim toxicologie, 22h)" has prerequisite(s) WFARM1221S ET WSBIM1201T ET WSBIM1201P ET WSBIM1205
- WFARM1221S - Biochemistry and molecular biology
  - WSBIM1201T - General physiology - General physiology (theory part, 40h)
  - WSBIM1201P - General physiology - General physiology (practical part, 25h)
  - WSBIM1205 - Introduction to toxicology
- WFARM2177** "Biostatistique" has prerequisite(s) WFARM1247
- WFARM1247 - Statistical data processing
- WMDS1229** "Génétique humaine" has prerequisite(s) WFARM1221S ET WSBIM1226 ET WMDS1230 ET WFARM1247
- WFARM1221S - Biochemistry and molecular biology
  - WSBIM1226 - Molecular biology (including epigenetics) and tutorials
  - WMDS1230 - Biologie cellulaire médicale et expérimentale
  - WFARM1247 - Statistical data processing
- WMDS1230** "Biologie cellulaire médicale et expérimentale" has prerequisite(s) WMD1120 ET WMD1006
- WMD1120 - General biology and an experimental approach to biology
  - WMD1006 - Cytology and general histology

- WMDS1231** "Biochimie humaine pathologique" has prerequisite(s) WFARM1213S ET WFARM1221S ET WSBIM1227 ET WFARM1282 ET WFARM1247 ET WSBIM1201T ET WSBIM1201P
- WFARM1213S - Human physiology and basics of physiopathology - (Partim SBIM)
  - WFARM1221S - Biochemistry and molecular biology
  - WSBIM1227 - Molecular biology and integrated biochemistry
  - WFARM1282 - General microbiology
  - WFARM1247 - Statistical data processing
  - WSBIM1201T - General physiology - General physiology (theory part, 40h)
  - WSBIM1201P - General physiology - General physiology (practical part, 25h)
- WPHAR1300** "Pharmacologie 1re partie" has prerequisite(s) WFARM1213S ET WSBIM1201T ET WSBIM1201P
- WFARM1213S - Human physiology and basics of physiopathology - (Partim SBIM)
  - WSBIM1201T - General physiology - General physiology (theory part, 40h)
  - WSBIM1201P - General physiology - General physiology (practical part, 25h)
- WSBIM1200** "Analyse instrumentale biomédicale et radioprotection" has prerequisite(s) WSBIM1001 ET WMD1105 ET WMD1106
- WSBIM1001 - MATHEMATICAL METHODS IN BIOMEDICAL SCIENCES
  - WMD1105 - Chimie générale et minérale
  - WMD1106 - ORGANIC CHEMISTRY
- WSBIM1201P** "Physiologie générale (partie travaux pratiques, 25h)" has prerequisite(s) WMD1102 ET WMD1104
- WMD1102 - Physique expérimentale et introduction mathématique aux sciences expérimentales (1e partie)
  - WMD1104 - Physique expérimentale et introduction mathématique aux sciences expérimentales (2e partie)
- WSBIM1201T** "Physiologie générale (partim théorie, 40h)" has prerequisite(s) WMD1120 ET WMD1006 ET WMD1102 ET WMD1104
- WMD1120 - General biology and an experimental approach to biology
  - WMD1006 - Cytology and general histology
  - WMD1102 - Physique expérimentale et introduction mathématique aux sciences expérimentales (1e partie)
  - WMD1104 - Physique expérimentale et introduction mathématique aux sciences expérimentales (2e partie)
- WSBIM1203** "Histologie spéciale et hématologie" has prerequisite(s) WFARM1009 ET WMD1006
- WFARM1009 - Elements of general and functional anatomy
  - WMD1006 - Cytology and general histology
- WSBIM1205** "Introduction à la toxicologie" has prerequisite(s) WMD1105 ET WMD1106
- WMD1105 - Chimie générale et minérale
  - WMD1106 - ORGANIC CHEMISTRY
- WSBIM1206** "Du nutriment à l'aliment" has prerequisite(s) WFARM1009 ET WMD1105 ET WMD1106
- WFARM1009 - Elements of general and functional anatomy
  - WMD1105 - Chimie générale et minérale
  - WMD1106 - ORGANIC CHEMISTRY
- WSBIM1207** "Introduction à la bio-informatique" has prerequisite(s) WMD1102 ET WSBIM1001 ET LANGL1854
- WMD1102 - Physique expérimentale et introduction mathématique aux sciences expérimentales (1e partie)
  - WSBIM1001 - MATHEMATICAL METHODS IN BIOMEDICAL SCIENCES
  - LANGL1854 - Medical English
- WSBIM1211** "Méthodologie de la biologie cellulaire et moléculaire" has prerequisite(s) WMD1120 ET WMD1006 ET WSBIM1001 ET WMD1105
- WMD1120 - General biology and an experimental approach to biology
  - WMD1006 - Cytology and general histology
  - WSBIM1001 - MATHEMATICAL METHODS IN BIOMEDICAL SCIENCES
  - WMD1105 - Chimie générale et minérale
- WSBIM1220** "Neurobiologie" has prerequisite(s) WFARM1009
- WFARM1009 - Elements of general and functional anatomy
- WSBIM1226** "Biologie moléculaire (dont l'épigénétique) et travaux dirigés" has prerequisite(s) WMD1120 ET WMD1106
- WMD1120 - General biology and an experimental approach to biology
  - WMD1106 - ORGANIC CHEMISTRY
- WSBIM1227** "Biologie moléculaire et biochimie intégrée" has prerequisite(s) WSBIM1001 ET WMD1106
- WSBIM1001 - MATHEMATICAL METHODS IN BIOMEDICAL SCIENCES
  - WMD1106 - ORGANIC CHEMISTRY
- WSBIM1293** "Stage de biologie cellulaire" has prerequisite(s) WMD1120 ET WMD1006 ET WMD1104 ET WSBIM1001
- WMD1120 - General biology and an experimental approach to biology
  - WMD1006 - Cytology and general histology
  - WMD1104 - Physique expérimentale et introduction mathématique aux sciences expérimentales (2e partie)
  - WSBIM1001 - MATHEMATICAL METHODS IN BIOMEDICAL SCIENCES
- WSBIM1302** "Virologie moléculaire" has prerequisite(s) WSBIM1227 ET WFARM1282
- WSBIM1227

- WFARM1213S - [Human physiology and basics of physiopathology - \(Partim SBIM\)](#)
  - WSBIM1203 - [Special histology and hematology](#)
- WSBIM1310** "[Embryologie](#)" has prerequisite(s) WSBIM1226 ET WSBIM1227 ET WMDS1230
- WSBIM1226 - [Molecular biology \(including epigenetics\) and tutorials](#)
  - WSBIM1227 - [Molecular biology and integrated biochemistry](#)
  - WMDS1230 - [Biologie cellulaire médicale et expérimentale](#)
- WSBIM1313** "[Design expérimental en sciences biomédicales](#)" has prerequisite(s) WFARM1221S ET WSBIM1226 ET WSBIM1227 ET WMDS1230 ET WSBIM1293 ET WFARM1282 ET WSBIM1201T ET WSBIM1200
- WFARM1221S - [Biochemistry and molecular biology](#)
  - WSBIM1226 - [Molecular biology \(including epigenetics\) and tutorials](#)
  - WSBIM1227 - [Molecular biology and integrated biochemistry](#)
  - WMDS1230 - [Biologie cellulaire médicale et expérimentale](#)
  - WSBIM1293 - [Training course in cell biology](#)
  - WFARM1282 - [General microbiology](#)
  - WSBIM1201T - [General physiology - General physiology \(theory part, 40h\)](#)
  - WSBIM1200 - [Biomedical instrumental analysis and radiation protection](#)
- WSBIM1320** "[Introduction aux approches expérimentales de la biologie cellulaire et moléculaire](#)" has prerequisite(s) WSBIM1226 ET WSBIM1227 ET WMDS1230 ET WSBIM1211 ET LANGL1855 ET WSBIM1200
- WSBIM1226 - [Molecular biology \(including epigenetics\) and tutorials](#)
  - WSBIM1227 - [Molecular biology and integrated biochemistry](#)
  - WMDS1230 - [Biologie cellulaire médicale et expérimentale](#)
  - WSBIM1211 - [Methodolgy of cell and molecular biology](#)
  - LANGL1855 - [Medical English](#)
  - WSBIM1200 - [Biomedical instrumental analysis and radiation protection](#)
- WSBIM1322** "[Bioinformatique](#)" has prerequisite(s) WFARM1247 ET WSBIM1207 ET LANGL1855
- WFARM1247 - [Statistical data processing](#)
  - WSBIM1207 - [Introduction to bioinformatics](#)
  - LANGL1855 - [Medical English](#)
- WSBIM1323** "[Neurosciences systémiques](#)" has prerequisite(s) WSBIM1201T ET WSBIM1201P ET WSBIM1220
- WSBIM1201T - [General physiology - General physiology \(theory part, 40h\)](#)
  - WSBIM1201P - [General physiology - General physiology \(practical part, 25h\)](#)
  - WSBIM1220 - [Neurobiology](#)
- WSBIM1334** "[Immunologie générale](#)" has prerequisite(s) WFARM1221S ET WSBIM1226 ET WSBIM1227 ET WMDS1230 ET WFARM1282
- WFARM1221S - [Biochemistry and molecular biology](#)
  - WSBIM1226 - [Molecular biology \(including epigenetics\) and tutorials](#)
  - WSBIM1227 - [Molecular biology and integrated biochemistry](#)
  - WMDS1230 - [Biologie cellulaire médicale et expérimentale](#)
  - WFARM1282 - [General microbiology](#)
- WSBIM1335** "[Introduction à la physiopathologie](#)" has prerequisite(s) WSBIM1201T ET WFARM1213S
- WSBIM1201T - [General physiology - General physiology \(theory part, 40h\)](#)
  - WFARM1213S - [Human physiology and basics of physiopathology - \(Partim SBIM\)](#)
- WSBIM1382** "[Génétique et biotechnologie appliquée](#)" has prerequisite(s) WFARM1221S ET WSBIM1226 ET WSBIM1227 ET WMDS1230 ET WFARM1282
- WFARM1221S - [Biochemistry and molecular biology](#)
  - WSBIM1226 - [Molecular biology \(including epigenetics\) and tutorials](#)
  - WSBIM1227 - [Molecular biology and integrated biochemistry](#)
  - WMDS1230 - [Biologie cellulaire médicale et expérimentale](#)
  - WFARM1282 - [General microbiology](#)
- WSBIM1393** "[Stage d'immersion](#)" has prerequisite(s) WFARM1213S ET WFARM1221S ET WSBIM1226 ET WSBIM1227 ET WMDS1230 ET WSBIM1293 ET WSBIM1201T ET WSBIM1201P
- WFARM1213S





○ LANGL1855	Medical English 🇺🇸	Timothy Byrne (coord.) Aurélie Deneumoustier Carlo Lefevre (coord.)	FR [q1 or q2] [30h] [3 Credits] 🌐
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### ⚡ Additional module in Biomedical Sciences

Programme pour les étudiants qui ont choisit l'approfondissement en sciences biomédicales

#### ○ Deuxième bloc annuel de bachelier

L'étudiant est tenu de suivre les cours suivants :

○ WSBIM1205	Introduction to toxicology 🇺🇸	Lidvine Boland Nathalie Delzenne Laure Elens Vincent Haufroid François Huaux Violaine Verougstraete Alexis Wérion	FR [q2] [30h] [3 Credits] 🌐
○ WSBIM1211	Methodolgy of cell and molecular biology 🇺🇸	Guido Bommer Jean-François Collet (coord.) Stefan Constantinescu Donatienne Tyteca	FR [q2] [22.5h] [3 Credits] 🌐

**SBIM1BA - 3RD ANNUAL UNIT**

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- 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, ...)

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

**o Majeure**

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**o Des atomes, des molécules et des systèmes qui les régissent**

● WPHAR1300	Pharmacology Part 1 ■	Emmanuel Hermans Joseph Lorent	(FR) [q1] [30h +7.5h] [3 Credits] 🌐 > English- friendly
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**o De la cellule à l'être humain**

● WSBIM1310	Human embryology ■		
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○ WSBIM1335	Introduction to pathophysiology 🟡	Christiani Andrade Amorim Antoine Froidure Jean-Christophe Jonas (coord.) Shakeel Kautbally	EN [q2] [30h] [3 Credits] 🌐
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### o L'homme et la société : approche contextuelle

○ WFARM1202	Eléments d'épidémiologie appliquée aux sciences pharmaceutiques et biomédicales 🟡	Séverine Henrard	EN [q2] [20h] [2 Credits] 🌐 > English-friendly
○ WFARM2177	Biostatistics 🟡	Laure Elens	EN [q2] [20h +10h] [3 Credits] 🌐
○ LANGL2454	English for biomedical students 🟡	Nicholas Gibbs Nevin Serbest (coord.)	EN [q2] [30h] [3 Credits] 🌐

### o Stage en laboratoire

○ WSBIM1393	Laboratory training 🟡	Pascal Kienlen-Campard	EN [q1 or q2] [15h +15h] [3 Credits] 🌐
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### ⌘ Additional module in Biomedical Sciences

Programme pour les étudiants qui ont choisit l'approfondissement en sciences biomédicales

#### o Troisième bloc annuel de bachelier

L'étudiant est tenu de suivre les cours suivants :

○ WFARM2139T	Pharmacocinetic, genomics and toxicology (toxicology part) 🟡	Laure Bindels (coord.)	EN [q1] [22h] [3 Credits] 🌐 > English-friendly
○ WSBIM1320	Introduction to experimental approaches in cellular and molecular biology 🟡	Luc Bertrand Anne des Rieux Sandrine Horman Donatienne Tyteca (coord.)	EN [q2] [30h] [3 Credits] 🌐
○ WSBIM1305	Introduction to human nutrition 🟡	Véronique Beauloye Patrice Cani Nathalie Delzenne (coord.) Françoise Smets Matthias Van Hul	EN [q1] [30h] [3 Credits] 🌐
○ WSBIM1323	Systemic neuroscience 🟡	Philippe Gailly Pascal Kienlen-Campard Marcus Missal (coord.)	EN [q1] [30h] [3 Credits] 🌐
○ WSBIM1322	Bioinformatics 🟡	Laurent Gatto	EN [q1] [30h +10h] [3 Credits] 🌐



## SBIM1BA - Information

### Access Requirements

Decree of 7 November 2013 defining the landscape of higher education and the academic organization of studies.

The admission requirements must be met prior to enrolment in the University.

**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](#)
- [Access based on validation of professional experience](#)
- [Special requirements to access some programmes](#)

### General access requirements

Except as otherwise provided by other specific legal provisions, admission to undergraduate courses leading to the award of a Bachelor's degree will be granted to students with one of the following qualifications :

1. A Certificate of Upper Secondary Education issued during or after the 1993-1994 academic year by an establishment offering full-time secondary education or an adult education centre in the French Community of Belgium and, as the case may be, approved if it was issued by an educational institution before 1 January 2008 or affixed with the seal of the French Community if it was issued after this date, or an equivalent certificate awarded by the Examination Board of the French Community during or after 1994;
2. A Certificate of Upper Secondary Education issued no later than the end of the 1992-1993 academic year, along with official documentation attesting to the student's ability to pursue higher education for students applying for a full-length undergraduate degree programme;
3. A diploma awarded by a higher education institution within the French Community that confers an academic degree issued under the above-mentioned Decree, or a diploma awarded by a university or institution dispensing full-time higher education in accordance with earlier legislation;
4. A higher education certificate or diploma awarded by an adult education centre;
5. A pass certificate for one of the [entrance examinations](#) organized by higher education institutions or by an examination board of the French Community; this document gives admission to studies in the sectors, fields or programmes indicated therein;
6. A diploma, certificate of studies or other qualification similar to those mentioned above, issued by the Flemish Community of Belgium, the German Community of Belgium or the Royal Military Academy;
7. A diploma, certificate of studies or other qualification obtained abroad and deemed equivalent to the first four mentioned above by virtue of a law, decree, European directive or international convention;

#### Note:

Requests for equivalence must be submitted to the Equivalence department ([Service des équivalences](#)) of the Ministry of Higher Education and Scientific Research of the French Community of Belgium in compliance with the official deadline.

The following two qualifications are automatically deemed equivalent to the Certificate of Upper Secondary Education (Certificat d'enseignement secondaire supérieur – CESS):

- European Baccalaureate issued by the Board of Governors of a European School,
- International Baccalaureate issued by the International Baccalaureate Office in Geneva.

8. Official documentation attesting to a student's ability to pursue higher education (diplôme d'aptitude à accéder à l'enseignement supérieur - DAES), issued by the Examination Board of the French Community.

### Specific access requirements

- Access to bachelor programmes for candidates of nationality outside the European Union who are not assimilated to Belgian nationals is subject to the following criteria:
  - not have obtained a secondary education diploma for more than 3 years maximum. Example: for an admission application for the academic year 2024-2025, you must have obtained your diploma during the academic years 2021-2022, 2022-2023 ou 2023-2024. In the French Community of Belgium, the academic year runs from September 14 to September 13
  - not already hold an undergraduate degree
- Candidates, whatever their nationality, with a secondary school diploma **from a country outside the European Union**, must have obtained an average of 13/20 minimum or, failing that, have obtained this average, have passed one year of study in Belgium (for example special Maths / sciences). A non-successful year will not be taken into consideration.

- For any secondary school diploma **from a European Union country**, the admission request must contain the equivalence of your diploma or, at the very least, proof of the filing of the equivalence request with the Wallonia-Brussels Federation (French Community of Belgium). For any information relating to obtaining an equivalence, please refer to [the following site](#).
- For any secondary school diploma **from a country outside the European Union**, the admission application must contain the [equivalence of your diploma](#) issued by the Wallonia-Brussels Federation (French Community of Belgium). If you have a restrictive equivalence for the programme of your choice, in addition of it, you **must** have either the [DAES](#) or a certificate of successful completion of the [examination giving access to 1<sup>st</sup> cycle studies](#) when you submit your application

## Access based on validation of professional experience

Admission to undergraduate studies on the basis of accreditation of knowledge and skills obtained through professional or personal experience (Accreditation of Prior Experience)

Subject to the general requirements laid down by the authorities of the higher education institution, with the aim of admission to the undergraduate programme, the examination boards accredit the knowledge and skills that students have obtained through their professional or personal experience.

This experience must correspond to at least five years of documented activity, with years spent in higher education being partially taken into account: 60 credits are deemed equivalent to one year of experience, with a maximum of two years being counted. At the end of an assessment procedure organized by the authorities of the higher education institution, the Examination Board will decide whether a student has sufficient skills and knowledge to successfully pursue undergraduate studies.

After this assessment, the Examination Board will determine the additional courses and possible exemptions constituting the supplementary requirements for the student's admission.

## Special requirements to access some programmes

- Admission to **undergraduate studies in engineering: civil engineering and architect**

Pass certificate for the [special entrance examination for undergraduate studies in engineering: civil engineering and architect](#).

Admission to these courses is always subject to students passing the special entrance examination. Contact the faculty office for the programme content and the examination arrangements.

- Admission to **undergraduate studies in veterinary medicine**

[Admission to undergraduate studies in veterinary medicine is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in physiotherapy and rehabilitation**

[Admission to undergraduate studies in physiotherapy and rehabilitation is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in psychology and education: speech and language therapy**

[Admission to undergraduate studies in psychology and education: speech and language therapy is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in medicine and dental science**

[Admission to undergraduate studies in medicine and dental science is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

Note: students wishing to enrol for a **Bachelor's degree in Medicine** or a **Bachelor's degree in dental science** must first sit an [aptitude test \(fr\)](#).

- Access to **Bachelor of Science in Business Engineering**

The Bachelor of Science in Business Engineering is a joint program organised by KU Leuven and UCLouvain Saint-Louis Bruxelles. In order to register, all candidate must first submit an application via the [KU Leuven admission platform](#). The [conditions of access](#) to this programme are specific.

## Teaching method

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Throughout the Bachelor in Biomedicine programme, students encounter a variety of teaching methods: classroom lectures, tutoring, mentoring and practical laboratory work.

The substantial amount of laboratory work was introduced to enable learning in research through experimentation. It is also identified in the programme in relation to classroom lectures.

## Evaluation

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Useful Contact(s)

- Personne de contact de la 1re année de bachelier: [Fabienne Titeux](#)
- Personne de contact du cycle de bachelier (hors première): [Guillaume Arnould](#)
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