

SBIM1PM

2013 - 2014

Preparatory year for Master in Biomedicine

At Bruxelles Woluwe - 60 credits - 1 year - Day schedule - In frenchDissertation/Graduation Project : **NO** - Internship : **optional**Activities in English: **NO** - Activities in other languages : **NO**Activities on other sites : **NO**Main study domain : **Sciences biomédicales et pharmaceutiques**Organized by: **Faculté de pharmacie et des sciences biomédicales (FASB)**Programme code: **sbim1pm****Table of contents**

Introduction	2
Admission	3
Information	4
- Learning outcomes	4
- Evaluation	4
- Possible trainings at the end of the programme	4
Contacts	5
Detailed programme	6
- Programme by subject	6

SBIM1PM - Introduction

SBIM1PM - Admission

For the specific conditions of this program : refer to the French version

(Decree of March 31st 2004 defining higher education, favoring its integration in the European framework of higher education and refinancing universities)

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

General conditions

Access to the preparatory year on the basis of a bridging programme:

- Access to the preparatory year for students who have a [non-university "short-type" higher education degree](#)
- Access to the preparatory year for students who have a [non-university "long-type" higher education degree](#)

Upon completion of the Master's admission procedure , students may be required to take extra courses representing a maximum of 60 additional credits. Where the extra workload exceeds 15 credits, this training is considered to be a preparatory year of study.

- **Access to the preparatory year on the basis of [accreditation of prior learning and skills acquired through personal or professional experience](#)** :

Article 53 of the Decree of 30 March 2004 stipulates that: *"Notwithstanding article 51, without prejudice to article 60, and in accordance with a decision by the academic authorities, for the purpose of granting access to Master's studies, the competent Examination Board may accredit prior learning and skills acquired by students through their personal or professional experience. This useful experience must correspond to at least five years of activities, excluding years of higher education study that were not passed. At the end of an assessment procedure organized by the academic authorities, the Examination Board will decide whether a student has sufficient knowledge and skills to successfully pursue Master's studies."*

- **Access to the preparatory year on the basis of accreditation of 180 ECTS credits by the Admissions Board (personalized admission based on application)** for students who have a degree from a Belgian university or qualifications obtained abroad (which do not give access to this particular year on the basis of the abovementioned general conditions).

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

SBIM1PM - Information

Learning outcomes

Learning outcomes upon course completion

The objective of the preparatory year for the Master in Biomedicine is to allow students to consolidate their core skills and aptitudes before beginning with the Master. It also gives them the opportunity to inquire about the different foci of this Master so that they can make the best possible choice for the 2nd cycle.

Evaluation

Les cours font l'objet d'un examen soit écrit soit oral ; certains d'entre eux s'appuient sur la réalisation d'un travail personnel.

Possible trainings at the end of the programme

La réussite de cette année de formation préparatoire ne conduit pas à un diplôme mais sa réussite donne accès direct au master en sciences biomédicales.

SBIM1PM - Contacts

Curriculum Managment

Entite de la structure SBIM

Acronyme	SBIM
Dénomination	Ecole des sciences biomédicales
Adresse	Avenue Mounier, 73 bte B1.73.04 1200 Woluwe-Saint-Lambert Tél 02 764 73 62 - Fax 02 764 73 63
Secteur	Secteur des sciences de la santé (SSS)
Faculté	Faculté de pharmacie et des sciences biomédicales (FASB)
Commission de programme	Ecole des sciences biomédicales (SBIM)

Academic Supervisor : [Pascal Kienlen-Campard](#)

Jury

Président de jury : **Pierre Courtoy**

Usefull Contacts

Personne de contact : **Guillaume Arnould**

Conseiller aux études : **Charles De Smet**

SBIM1PM - Detailed programme

Programme by subject

o Cours de base

WFARM1221S	Biochimie et biologie moléculaire (partim biochimie)	Nathalie Delzenne, Marie-Paule Mingeot	50h+10h	6 Credits	1+2q
WSBIM1201T	Physiologie générale (partim théorie, 40h)	N.	40h+25h	4 Credits	1q
WSBIM1201P	Physiologie générale (partie travaux pratiques, 25h)	N.	40h+25h	2 Credits	1q
WMDS1211	Biologie cellulaire, médicale et expérimentale	Stefan Constantinescu, Pierre Courtoy (coord.), Christophe Pierreux, Donatienne Tyteca	30h+20h	4 Credits	1q
WESP1010	Introduction à la statistique descriptive et aux probabilités	William D'Hoore (coord.), Niko Speybroeck	15h+15h	3 Credits	
LANGL2454	English for biomedical students	Nevin Serbest	30h	3 Credits	2q
WMDS1227	Pharmacologie générale	Emmanuel Hermans, Dominique Lison, Pierre Wallemacq	20h	2 Credits	2q
WESP2118	Statistique en sciences de la santé	William D'Hoore, Annie Robert, Niko Speybroeck	32h+20h	3 Credits	1q
WSBIM1304	General immunology	Pierre Coulie, Jean- Christophe Renaud, Benoît Van den Eynde	60h	4 Credits	1q
WMD1006	Cytology and general histology	Jean-François Deneff, Anne-Catherine Gérard, Marie-Christine Many (coord.)	10h+40h	5 Credits	2q
WSBIM1001	MATHEMATICAL METHODS IN BIOMEDICAL SCIENCES	Julien Federinov, André Nauts, Annie Robert	45h+20h	5 Credits	2q
WFARM1282	General microbiology	Thomas Michiels	20h+15h	3 Credits	1+2q
WSBIM1226	Biologie moléculaire (dont l'épigénétique) et travaux dirigés	Charles De Smet, Frédéric Lemaigre, Thomas Michiels	30h+10h	3 Credits	1+2q
WSBIM1227	Biologie moléculaire et biochimie intégrée	Etienne De Plaen, Jean-Noël Octave	20h+30h	3 Credits	2q

o Cours au choix

Cette liste non exhaustive comprend notamment des cours d'initiation, d'introduction aux domaines des finalités proposées en master.

WESP2123	Principes des essais cliniques	Laurence Habimana, Annie Robert (coord.), Françoise Smets	20h+10h	4 Credits	1q
WESP2234	Strategy of the medical decision	Laurence Habimana, Annie Robert (coord.)	30h	3 Credits	2q
WMD1200	Eléments d'épidémiologie	Jean-Marie Degryse, Niko Speybroeck	20h+20h	3 Credits	2q
WSBIM1320	Introduction aux approches expérimentales de la biologie cellulaire et moléculaire	Pierre Courtoy (coord.), Pascal Kienlen- Campard, Jean-Noël Octave	30h	3 Credits	2q
WSBIM1211	Methodology of cell and molecular biology	Guido Bommer, Jean-François Collet (coord.), Christophe Pierreux	22.5h	3 Credits	2q
WSBIM1302	Molecular Virology	Thomas Michiels	15h	2 Credits	1q

⊗ WSBIM1393	Stage en laboratoire	Pascal Kienlen-Campard	30h	3 Credits	2q
⊗ WFARM1382	Molecular genetics and drugs	Etienne De Plaen, Jean-Noël Octave (coord.)	30h	2 Credits	2q
⊗ WSBIM1205	Introduction à la toxicologie	Nathalie Delzenne, Philippe Hantson, Vincent Haufroid, Perrine Hoet, François Huaux, Dominique Lison (coord.), Pierre Wallemacq	30h	3 Credits	2q
⊗ WSBIM1305	Introduction à la nutrition humaine	Véronique Beauloye, Sonia Brichard (coord.)	30h	3 Credits	

