

Faculty of Sciences



SCA 11BA



Study objectives

The programme of this first year aims at the acquisition of basic knowledge in the Sciences (Mathematics, Physics, Chemistry, Biology,...) as well as at the same transversal skills to be acquired from the bachelor's in Biomedical and Pharmaceutical Sciences.

Admission to the programme

The conditions and regular admission requirements are specified on the web page "Access to Studies" : <http://www.ucl.ac.be/etudes/libres/en/acces.html>

Positioning of the programme

Positioning of the programme within the University cursus

Successful completion of this year of studies entitles :

- Access to the 2nd year of the bachelor's of Biomedical Sciences, subject to the complement of the SBIM1001 course in Mathematical Methods (22,5- 22,5), 4 credits
- Access to the 2nd year of the bachelor's of Pharmaceutical Science, subject to the complement of the FARM1108 course in the Conception of Medication (15-15), 3 credits

Useful contacts

Programme management

CENB Conseil de l'enseignement en baccalauréat

Study Advisor

A. Lejeune

Exam Jury

President : J.-Ph. Soumilion

Secretary : A. Lejeune

Detailed content of standard programme

Common courses

<u>SC1120</u>	Philosophy[30h] (2 credits) (in French)	Bernard Feltz
<u>PHY1114A</u>	Physique générale et éléments de mathématique 1[60h+25h] (9 credits) (in French)	Thierry Delbar, Bernard Mahieu
<u>PHY1115A</u>	Physique générale et éléments de mathématique 2[60h+25h] (9 credits) (in French)	Thierry Delbar, Bernard Mahieu
<u>CHM1113</u>	General Chemistry[60h+60h] (9 credits) (in French)	Jean-Louis Habib Jiwan, Jacques Vandooren (coord.)
<u>CHM1142</u>	Organic Chemistry[60h+60h] (10 credits) (in French)	Jean-Philippe Soumilion
<u>BIO1111P</u>	A) Biologie cellulaire et introduction aux procaryotes, protistes, mycètes; C) Biologie animale[67.5h+28h] (8 credits) (in French)	André Lejeune, Jean-François Rees, Claude Remacle
<u>BIO1112</u>	General cytology and histology[45h] (5 credits) (in French)	Brigitte Reusens, Philippe van den Bosch Sanchez de Aguilar
<u>BIO1113</u>	General, functional and systematic anatomy[45h] (6 credits) (in French)	Catherine Behets Wydemans
<u>ANG1861</u>	Reading and listening comprehension of scientific texts[6h] (2 credits) (in French)	Ahmed Adriouèche, Isabelle Druant, Annick Sonck

The programme of the first year consists of a total of 59 credits.

In the SBIM12BA, the students will have to take the following course :

<u>SBIM1001</u>	MATHEMATICAL METHODS IN BIOMEDICAL	André Nauts
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SCIENCES[22.5h+22.5h] (4 credits) (in French)

In the FARM12BA, they will have to take the following course

FARM1008

Design of the drug[15h+15h] (3 credits) (in French)

Véronique Prémat, Paul Tulkens (coord.)

Optional course

BIO1182

Séminaire interdisciplinaire d'anthropologie
biologique[0h+30h] (3 credits) (in French)

Bernard Feltz, Philippe van den Bosch
Sanchez de Aguilar