

SCIENCE

LIFE AND HEALTH*

Many science students have a keen interest in disciplines relating to the biomedical sciences, such as physiotherapy, medicine, pharmacology, chemistry, and biochemistry. Designed with these students in mind, the Life and Health Sciences profile aims to ensure that students are not only prepared to succeed in fields of study related to the biomedical sciences at the university level, but to excel in them. In this profile, students must take an Organic Chemistry and a Human Anatomy and Physiology course, guaranteeing that they have all pre-requisite courses for Health Science university programs such as medicine, dentistry, and veterinary science.



IS THIS PROGRAM FOR YOU?

- ✓ You like to think logically
- ✓ You are interested in biology, chemistry, mathematics, or physics
- ✓ You are curious about the world around you
- ✓ You like solving problems
- ✓ You want to keep doors open for choices of university degree

Read about this program on our website!





PROGRAM GRID

OVERVIEW

Total courses: 29

Total credits: 58 2/3



WHAT WILL YOU LEARN?

- Draw on subject-specific knowledge that allows for the consolidation and enrichment of their basic scientific culture
- Use digital technologies in a scientific context



WHAT DO YOU NEED TO GET IN?

- A Diploma of Secondary Studies (DES) or academic background judged equivalent to the DES
- Chemistry 534 or 551504
- Mathematics 536 or 564506 or 565506 (TS or SN Level 5)
- Physics 534 or 553504



APPLICATION DEADLINE

March 1st

SEMESTER 1

- Physical Education	109-101-MQ
- College English	603-101-MQ
- Humanities – Knowledge and its Application	345-101-MQ
- General Chemistry	202-SN1-RE
- Programming and Analysis Tools for Science	420-SN1-RE
- Introduction to Probability and Statistics	201-SN1-RE
- Science Calculus I	201-SN2-RE

SEMESTER 2

- French – General	602-102-MQ
- English – Specific	603-BES-LE
- Complementary Course	
- Chemistry of Solutions (in French)	202-SN2-RE
- Foundations of Cellular Biology	101-SN1-RE
- Science Calculus II	201-SN3-RE
- Classical Mechanics	203-SN1-RE

SEMESTER 3

- Physical Education	109-103-MQ
- English – Literary Genre	603-102-MQ
- Humanities – World Views	345-102-MQ
- French – Specific	602-BE?-LE
- Evolution and Ecology	101-SN2-RE
- Waves and Modern Physics	203-SN3-RE
- Organic Chemistry	202-SNU-RE
- Exploring the Human Body	101-SNU-RE

SEMESTER 4

- Humanities – Ethics	345-BES-LE
- English – Literary Theme	603-103-MQ
- Physical Education	109-102-MQ
- Complementary Course	
- Electricity and Magnetism	203-SN2-RE
- Linear Algebra, Vectors, and their Applications (in French)	201-SN4-RE
- Integrative Project in Science	360-400-LE

* Students will take 'Chemistry of Solutions' and 'Linear Algebra, Vectors, and their Applications' in French, plus 1 complementary course in French as a result of Law 14.