

Biology: Associate of Science Degree

Faculty of Science and Horticulture	
kwantlen.ca/science	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	September January May
ADMISSION TYPE	ENROLMENT TYPE
Open admission	Open access
PROGRAM TYPE	CREDENTIAL GRANTED
Undergraduate	Associate Degree
OFFERED AT	FORMAT
Richmond Surrey	Full-time Part-time
HOW TO APPLY	
www.kwantlen.ca/admission	

DESCRIPTION

The Associate Degree is designed to provide an educational experience that prepares students for work, citizenship and an enriched life as an educated person, and to lay a solid foundation for further study in the field of Biology.

PROGRAM ADMISSION REQUIREMENTS

General university admission requirements apply to this program including the undergraduate-level English Proficiency Requirement.

CONTENT

Within the framework of the Associate of Science degree, you must complete at least 60 credits with a minimum overall GPA of 2.0 and a minimum passing grade (D or better) in each course:

First Year Science Requirements

All of:

BIOL 1110	Introductory Biology I	4 credits
BIOL 1210	Introductory Biology II	4 credits
CHEM 1110	The Structure of Matter	4 credits
CHEM 1210	Chemical Energetics and Dynamics	4 credits

And two more first year science courses from the following:

CHEM 1105*	Introductory Chemistry	4 credits
PHYS 1100*	Introductory Physics	4 credits

Either of:

PHYS 1101	Physics for Life Sciences I	4 credits
PHYS 1120	Physics for Physical and Applied Sciences I	4 credits

Either of:

PHYS 1102	Physics for Life Sciences II	4 credits
PHYS 1220**	Physics for Physical and Applied Sciences II	4 credits

Notes:

* Students intending to transfer to a BSc should confirm transferability.

** UBC allows GEOG 1110, 1120, or GEOL 1210 as a substitute for PHYS 1220.

Second Year Science Requirements

Four second year BIOL courses chosen from:

BIOL 2320	Genetics	4 credits
BIOL 2321	Cell Biology	4 credits
BIOL 2322	Ecology	4 credits
BIOL 2330	Microbiology	4 credits
BIOL 2421	Cellular Biochemistry	3 credits

And both of:

CHEM 2320	Organic Chemistry I	4 credits
CHEM 2420	Organic Chemistry II	4 credits

GRADUATION

Upon successful completion of this program, students are eligible to receive an **Associate of Science Degree in Biology**.