

Enrolment Program Structure

Program Code – ST5

Program Name – Bachelor of Biotechnology

(It is strongly recommended by the Faculty that students commencing online study enrol in a reduced load of two courses per semester with a maximum of three).

Course Code	Course Name	Course Rules
First Year Semester 1		
SCBIO1010	Principles of Biology	PR: Nil
SCCHM1001	Chemistry 1	PR: Nil
SCCOR1300	Scientific Practice	PR: Nil
	1 st Level Elective	
First Year Semester 2		
SCBIO1020	Systems Biology	PR: Nil
SCCHM1002	Chemistry 2	PR: Nil
STATS1000	Statistical Methods	PR: Nil
SCCOR1200	Scientific Communication	PR: Nil
Second Year Semester 1		
SCBCH2001	Biochemistry	PR:SCBIO1010 & SCCHM1001
SCMIC2001	General Microbiology	PR:SCBIO1010
SCCHM2001	Analytical Techniques	PR:SCCHM1002
Elective	1 st or 2 nd Level Elective	
Second Year Semester 2		
SCBCH2002	Nutrition and Metabolism	PR:SCCHM1001
SCMOL2020	Immunology	PR:SCBIO1020
SCMOL2001	Biotechnology Laboratory Techniques	PR:SCMIC2001
Elective	1 st or 2 nd Level Elective	
Third Year Semester 1		
SCCOR3000	Laboratory Management & Quality Assurance	PR:240 Credit Points
SCMIC3002	Food Microbiology	PR:SCMIC2001
SCCHM3004	Organic Synthesis for Drug Design	PR:SCCHM2001
Elective	2 nd or 3 rd Level Elective	
Third Year Semester 2		
SCCOR3001	Research Project	PR:240 Credit Points
SCMIC3001	Applied and Environmental Microbiology	PR:SCMIC2001
SCCHM3001	Medicinal Chemistry	PR:SCBCH2001
Elective	2 nd or 3 rd Level Elective	

Elective options:

Semester 1 - SCBCH1001 Introduction To Nutrition

Semester 1 - SCFST2023 Food Processing Systems 1

Semester 2 - SCFST2024 Food Processing Systems 2

Semester 2 - SCFST3026 Product & Process Development

Additional Information

This structure applies to all students.

Essential Equipment

You are required to obtain specific Personal Protective Equipment (PPE) for your program, detailed below, and will not be able to commence lab classes without this essential safety equipment.

The required PPE can be obtained from any sources, however it **MUST** be available for commencement of classes.

Product	Cost	Comments
White lab coat	\$31.95	Various sizing available
Safety glasses	from \$6.00	Various styles available, including those designed to be worn over prescription glasses available at \$6.95

Glossary

Semester: designated teaching period.

PR: Pre-requisite, a course/s that must be completed prior to undertaking another course.

CO: Co-requisite, a course/s that must be completed simultaneously, or prior to, undertaking another course.

EX: Exclusion, a course/s that may not be taken.