

Enrolment Course Structure

Course Code – ST5

Course Name – Bachelor of Biotechnology

First Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	SCBIO1001	Principles of Biology	EX: BIOGC1722 & SCCOR1100 & SCBIO1010
	SCCHM1001	Chemistry 1	
	SCCOR1300	Scientific Practice	EX: ENCOR1015 & MATHS1000
		Elective	
Semester 2			
	SCBIO1020	Systems Biology	EX: HEALT1111 & HEALT1112 & HEALT1121 & HEALT1122
	SCCHM1002	Chemistry 2	
	STATS1000	Statistical Methods	
	SCCOR1200	Scientific Communication	EX: SCCOR2200
Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	SCBCH2001	Biochemistry	PR: SCBIO1001 & SCCHM1001 or SCCHM1002
	SCMIC2001	General Microbiology	PR: SCBIO1001 or SCBIO1010
	SCCHM2001	Analytical Techniques	PR: SCCHM1001
		Elective	
Semester 2			
	SCBCH2002	Nutrition and Metabolism	PR: SCCHM1001
	SCCHM2002	Environmental Chemistry	PR: SCCHM1001
	SCMOL2001	Biotechnology Laboratory Techniques	PR: SCMIC2001
		Elective	

Third Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	SCCOR3000	Laboratory Mgmt. & Quality Assurance	PR: 240 Credit Points EX: SCFST3066 & SCIGC3716 & SCMED3011
	SCMIC3002	Food Microbiology	PR: SCMIC2001
	SCCHM3004	Organic Synthesis for Drug Design	PR: SCCHM1002 SCCHM2001
		Elective	
Semester 2			
	SCCOR3001	Research Project	PR: Successful completion of two years full time equivalent of a science degree EX: SCENV3903 & SCIGC3990
	SCCHM3001	Medicinal chemistry	PR: SCBCH2001
	SCMOL3010	Advanced Methods in Biotechnology	PR: SCBCH2001 or SCMIC2001 or SCMOL2010 & SCMOL2001
		Elective	

Specialisation Elective options:

Food Stream

Semester 1:

SCBCH1001 Introduction to Nutrition

SCFST2023 Food Processing Systems 1

Semester 2:

SCCHM3003 Food Chemistry

SCFST1022 Intro to Food Science

SCFST2024 Food Processing System 2

Semester 1 & 2:

SCCOR3013 Workplace Experience

Molecular Stream

Semester 1:

SCMED2010 Pathophysiology 1

SCMOL3020 Immunology

Semester 2

SCMED3010 Pharmacology & Toxicology

SCMIC3003 Clinical Microbiology

SCMOL2010 Mammalian Genetics

Additional Information

This course structure applies to continuing students.

Glossary

Semester: designated teaching period.

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

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

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