

Enrolment Program Structure

Program Code - ST5

Program Name - Bachelor of Biotechnology

First Year			
Semester 1	Course Code	Course Name	Course Rules
	SCBIO1001	Principles of Biology	EX: BIOGC1722 & SCCOR1100 & SCBIO1010
	SCCHM1001	Chemistry 1	
	SCCOR1300	Scientific Practice	
		Elective	
Semester 2			
	SCBIO1020	Systems Biology	
	SCCHM1002	Chemistry 2	
	STATS1000	Statistical Methods	
	SCCOR1200	Scientific Communication	
Second Year			
Semester 1	Course Code	Course Name	Course Rules
	SCBCH2001	Biochemistry	PR: BIOGC1722 or SCBIO1001 or SCBIO1010 or SCMED1014 & CHMGC1022 or SCCHE1012 or SCCHM1002 EX: BTHGC2752 and SCBIO2054
	SCMIC2001	General Microbiology	PR: SCBIO1001 or SCBIO1010
	SCCHM2001	Analytical Techniques	PR: SCCHM1002
		Elective	
Semester 2			
	SCBCH2002	Nutrition and Metabolism	PR: SCCHM1001
	SCCHM2002	Environmental Chemistry	PR: CHMGC1011 or SCCHE1011 or SCCHM1001

			EX: CHMGC2752
	SCMOL2001	Biotechnology Laboratory Techniques	PR: MICGC2001 or MICGC2011 or SCBIO1032 or SCMIC2001
		Elective	
Third Year			
Semester 1	Course Code	Course Name	Course Rules
	SCCOR3000	Laboratory Mgmt. & Quality Assurance (ONLINE)	PR: 240 Credit Points
	SCMIC3002	Food Microbiology	PR: SCMIC2001
	SCCHM3004	Organic Synthesis for Drug Design	PR: SCBCH2001
		Elective	
Semester 2			
	SCCOR3001	Research Project	PR: 240 Credit Points
	SCCHM3001	Medicinal chemistry	PR: BTHGC2741 or SCBCH2001 EX: CHMGC3930
	SCMOL3010	Advanced Methods in Biotechnology	PR: SCMOL2001, SCBCH2001 or SCMIC2001 or SCMOL2010
		Elective	

Suggested 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 program structure applies to students commencing from 2019. Students who commenced prior to 2019 should contact the Program Coordinator.

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.