

## Program Code – ST5

## Program Name – Bachelor of Biotechnology

First Year			
Semester 1	Course Code	Course Name	Course Rules
	SCBIO1010	Principles of Biology	
	SCCHM1001	Chemistry 1	
	SCCOR1300	Scientific Practice	
		Elective 1	
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	<b>PR:</b> SCBIO1010 & SCCHM1001
	SCMIC2001	General Microbiology	<b>PR:</b> SCBIO1010
	SCCHM2001	Analytical Techniques	<b>PR:</b> SCCHM1002
		Elective 2	
Semester 2			
	SCBCH2002	Nutrition and Metabolism	<b>PR:</b> SCCHM1001
	SCMOL2020	Immunology	<b>PR:</b> SCBIO1020
	SCMOL2001	Biotechnology Laboratory Techniques	<b>PR:</b> SCMIC2001
		Elective 3	

## 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 4	
Semester 2			
	SCCOR3001	Research Project	PR: 240 Credit Points
	SCMOL3010	Advanced Methods in Biotechnology	PR: SCMOL2001
	SCCH3001	Medical Chemistry	PR: SCCHM2001
		Elective 5	

### Suggested 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

Semester 2 - SCCHM3003 Food Chemistry

### Additional Information

This program structure applies to students commencing from 2019. Students who commenced prior to 2019 should refer to the continuing enrolments page.

### 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.