

## Program Code – SB5

### Program Name - Bachelor of Biomedical Science

First Year			
Semester 1	Course Code	Course Name	Course Rules
	SCBIO1010	Principles of Biology	<b>EX:</b> BIOGC1722 & SCCOR1100
	SCCHM1001	Chemistry 1	<b>EX:</b> CHMGC1011 or SCCHE1011
	SCCOR1300	Scientific Practice	<b>EX:</b> ENCOR1015, MATHS1000, MATGC1010
		1 <sup>st</sup> Level elective	
Semester 2			
	SCBIO1020	Systems Biology	<b>EX:</b> BIOGC1711 or SCMED1014
	SCCHM1002	Chemistry 2	<b>EX:</b> CHMGC1022 or SCCHE1012
	SCCOR1200	Scientific Communication	<b>EX:</b> SCCOR1001 & SCIGC1010 & SCMED1010
	STATS1000	Statistical Methods	<b>EX:</b> SCIGC1020
Second Year			
Semester 1	Course Code	Course Name	Course Rules
	SCBCH2001	Biochemistry	<b>PR:</b> BIOGC1722 or SCBIO1010 or SCMED1014 & CHMGC1022 or SCCHE1012 or SCCHM1002 <b>EX:</b> BTHGC2741 & SCBIO2053
	SCMIC2001	General Microbiology	<b>PR:</b> BIOGC1711 or SCBIO1020 or SCMED1014 <b>EX:</b> IMMGC3802 & SCMED2020
	SCCHM2001	Analytical Techniques	<b>PR:</b> CHMGC1022 or SCCHE1012 or SCCHM1002 <b>EX:</b> CHMGC2922 & SCFST2043
	SCMED2010	Pathophysiology 1	<b>PR:</b> BIOGC1711 or SCBIO1020 or SCMED1014 <b>EX:</b> BIOGC2731

<b>Semester 2</b>			
	SCBCH2002	Nutrition and Metabolism	<b>PR:</b> CHMGC1011 or SCCHE1011 or SCCHM1001 <b>EX:</b> BTHGC2752 & SCBIO2054
	SCMOL2020	Immunology	<b>PR:</b> BIOGC1711 or SCBIO1020 or SCMED1014 <b>EX:</b> IMMGC3802 & SCMED2020
	SCMOL2001	Biotechnology Laboratory Techniques	<b>PR:</b> MICGC2001 or MICGC2011 or SCBIO1032 or SCMIC2001
	SCMED2011	Pathophysiology 2	<b>PR:</b> BIOGC1711 or SCBIO1020 or SCMED1014 <b>EX:</b> BIOGC2732
<b>Third Year</b>			
<b>Semester 1</b>	<b>Course Code</b>	<b>Course Name</b>	<b>Course Rules</b>
	SCMOL2010	Mammalian Genetics	<b>PR:</b> SCMED2010 BIOGC1722 or SCBIO1010 or SCBIO1020 or SCMED1014 Exclusion: BTHGC2732 and SCMED2031
		Specialisation Elective	
		Specialisation Elective	
		Specialisation Elective	
<b>Semester 2</b>			
	SCCOR3000	Laboratory Management & Quality Assurance	<b>PR:</b> 240 Credit Points Exclusion: SCFST3066
		Specialisation Elective	
		Specialisation Elective	
		Specialisation Elective	

## Additional Information

This program structure applies to students commencing from 2016. Students who commenced prior to 2016 should contact the Program Coordinator for the appropriate enrolment information.

The second and third years of this program consist of the majors, minors and electives selected by the students. Please refer to the document below for assistance with selecting your 1<sup>st</sup> Level Electives for your first semester of first year.

## Specialisation Elective options

<b>Semester 1</b>	SCMOL3001 Molecular Cell Biology
<b>Semester 1</b>	SCMED3010 Pharmacology and Toxicology
<b>Semester 1</b>	SCCHM3004 Organic Synthesis for Drug Design (Only available via Online Learning)
<b>Semester 1</b>	SCMIC3002 Food Microbiology
<b>Semester 1</b>	SCBCH3001 Lifespan Nutrition
<b>Semester 2</b>	SCMIC3003 Clinical Microbiology
<b>Semester 2</b>	SCCOR3010 Trend and Challenges in Biosciences
<b>Semester 2</b>	SCMED3034 Histopathology and Haematology
<b>Semester 2</b>	SCMOL3010 Advanced methods in Biotechnology
<b>Semester 2</b>	SCCHM3001 Medicinal Chemistry
<b>Semester 1 &amp; 2</b>	SCCOR3001 Research Project
<b>Semester 1 &amp; 2</b>	SCCOR3011 Science Internship

## 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.