

Mid-year Enrolment Course Structure

Course Code – SC5

Course Name – Bachelor of Science

First Year	Unit Code	Unit Name	Unit Rules
Semester 2			
	SCCOR1200	Scientific Communication	EX: SCCOR2200
		Major Specialisation	
		Minor specialisation	
		SCENV or SCGEO Elective 1000 Level or Elective at 1000-1999 level	
Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
		SCBIO1001 OR SCSUS1500	
	SCCHM1001	Chemistry 1	
	SCCOR1300	Scientific Practice	EX: ENCOR1015 & MATHS1000
		SCENV or SCGEO Elective 1000 Level or Elective at 1000-1999 level	
Semester 2			
		Major Specialisation	
		Minor Specialisation	
		Elective	
		Elective	
Third Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	STATS1000	Statistical Methods	
		Major Specialisation	
		Minor Specialisation	
		Elective	

Semester 2

Major Specialisation

Major Specialisation

Elective

Elective

Fourth Year	Unit Code	Unit Name	Unit Rules
Semester 1			

Major Specialisation

Major Specialisation

Elective

Elective

Bachelor of Science Major and Minor Sequences

BEHAVIOURAL SCIENCE

Major

BEHAV1001 Human Behaviour in the Modern World

BEHAV1002 Brains and Behaviour

Three of: BEHAV2001, BEHAV2002, BEHAV2003, BEHAV2004

BEHAV3003 Health and Behaviour Change

BEHAV3004 Counselling Theory and Practice

CHSUG3001 Critical Practice Approaches

Minor

BEHAV1001 Human Behaviour in the Modern World

BEHAV1002 Brains and Behaviour

Two of: BEHAV2001, BEHAV2002, BEHAV2003, BEHAV2004

BIOCHEMISTRY

Major

SCBIO1001 Principles of biology

SCCHM1002 Chemistry 2

SCBCH2001 Biochemistry

SCBCH2002 Nutrition and Metabolism

SCMOL2001 Biotechnology laboratory techniques or SCCHM2001 Analytical Techniques

Three of: SCMOL3001, SCCHM3001, SCCHM3004, SCMOL3010

Minor

SCBIO1001 Principles of biology
 SCCHM1002 Chemistry 2
 Two of: SCBCH2001, SCBCH2002, SCMOL2001, SCVET2001

BIOLOGICAL SCIENCE

Major

SCBIO1001 Principles of biology
 SCBIO1020 Systems biology

Three of:

- o SCMED2010 Pathophysiology 1 and SCMED3034 Histopathology and Haematology
- o SCMOL2010 Mammalian genetics and SCMOL3001 Molecular Cell Biology
- o SCMIC2001 General Microbiology and SCMIC3003 Clinical microbiology
- o SCBCH2002 Nutrition and Metabolism and SCMED3010 Pharmacology & toxicology
- o SCVET2001 Animal Management and Disease and SCVET3001 Case studies in animal mgt
- o SCENV2100 Australian Fauna and SCENV2101 Australian flora

Minor

SCBIO1001 Principles of biology
 SCBIO1020 Systems biology

One of:

- o SCMED2010 Pathophysiology 1 and SCMED3034 Histopathology and Haematology
- o SCMOL2010 Mammalian genetics and SCMOL3001 Molecular Cell Biology
- o SCMIC2001 General Microbiology and SCMIC 3003 Clinical microbiology
- o SCBCH2002 Nutrition and Metabolism and SCMED3010 Pharmacology & toxicology
- o SCVET2001 Animal Management and Disease and SCVET3001 Case studies in animal mgt
- o SCENV2100 Australian Fauna and SCENV2101 Australian Flora

CHEMISTRY

Major

SCCHM1001 Chemistry 1
 SCCHM1002 Chemistry 2
 SCBCH2001 Biochemistry
 SCCHM2001 Analytical techniques
 SCCHM2002 Environmental chemistry
 Three of: SCCHM3001, SCCHM3004, SCCHM3003, SCCOR3001

Minor

SCCHM1001 Chemistry 1
 SCCHM1002 Chemistry 2
 Two of: SCBCH2001, SCCHM2001, SCCHM2002

ECOLOGY

Major

SCBIO1001 Principles of Biology
 SCENV1002 Biodiversity Conservation
 SCENV2200 Population and Community Ecology
 SCENV2202 Wildlife Ecology and Conservation
 SCENV3110 Fire Ecology
 SCENV3204 or SCCOR3001
 SCENV3800 Ecosystem conservation management
 SCENV3912 Environmental assessment

Minor

SCBIO1001 Principles of Biology
SCENV1002 Biodiversity conservation
SCENV2200 Population and Community Ecology
SCENV2202 Wildlife ecology and conservation

ENVIRONMENTAL RESTORATION

Major

SCENV1001 Environmental studies
SCSUS1500 Sustainable earth
SCENV3400 Wetlands and water resources
SCENV3120 Landscape restoration and mine site rehabilitation
Four of: SCCOR3001, SCCHM2002, SCENV2500, SCENV3912, SCGEO2106

Minor

SCSUS1500 Sustainable earth
SCCHM2002 Environmental chemistry or SCGEO2106 Hydrology
SCENV3400 Wetlands and water resources
SCENV3120 Landscape restoration and mine site rehabilitation

EXERCISE SCIENCE

Major

EXSCI1702 Exercise Principles and Instruction
EXSCI1701 Introduction to Biomechanics
EXSCI2008 Applied Biomechanics
EXSCI2171 Exercise Physiology
EXSCI2175 Exercise Prescription 1
EXSCI3172 Exercise Prescription 2
EXSCI3002 Physical Preparation for Sport
EXSCI3173 Injury Prevention and Management in Human Movement

Minor

EXSCI1702 Exercise Principles and Instruction
EXSCI1701 Introduction to Biomechanics
EXSCI2171 Exercise Physiology
EXSCI2175 Exercise Prescription 1

HEALTH AND NUTRITION

Major

SCBIO1020 Systems biology
SCBCH1001 Introduction to nutrition
SCMIC2001 General Microbiology
SCBCH2002 Nutrition and Metabolism
SCMED2011 Pathophysiology 2
SCBCH3001 Lifespan Nutrition
SCMIC3002 Food microbiology
HEALT3006 Health Promotion

Minor

SCBIO1020 Systems biology

SCBCH1001 Introduction to Nutrition

SCBCH2002 Nutrition and Metabolism

SCMED2011 Pathophysiology 2

INFORMATION TECHNOLOGY

Minor

ITECH1100 Understanding the Digital Revolution

ITECH1103 Big Data and Analytics

ITECH2003 Web Design

ITECH2004 Data modelling

MATHEMATICS

Major

MATHS1001 Modelling and Change (Introductory level)

MATHS1102 Linear Algebra with Applications

MATHS2016 Modelling Continuous Change

Two of: MATHS2003, MATHS2009, MATHS2012

MATHS3001 Modelling and Change (Advanced)

Two of: MATHS3007, MATHS3004, MATHS3002

Minor (Calculus stream)

MATHS1001 Modelling and Change (Introductory level)

MATHS2016 Modelling Continuous Change

MATHS1102 Linear Algebra with Applications

One of: MATHS2003, MATHS2009, MATHS2012, MATHS3001

Minor (Non-calculus stream)

SCCOR1300 Scientific Practice

STATS1000 Statistical methods

Two of: MATHS2003, MATHS2009, MATHS2012

MICROBIOLOGY

Major

SCBIO1001 Principles of biology

SCCHM1001 Chemistry 1

SCMIC2001 General Microbiology

SCMOL2001 Biotechnology laboratory techniques

SCMIC3002 Food Microbiology

SCMIC3003 Clinical microbiology

SCMOL3010 Advanced methods in biotechnology

SCMOL3020 or SCCOR3001

Minor

SCBIO1001 Principles of biology

SCCHM1001 Chemistry 1

SCMIC2001 General Microbiology

SCMOL2001 Biotechnology laboratory techniques

MOLECULAR BIOLOGY

Major

SCBIO1001 Principles of biology
 SCCHM1002 Chemistry 2
 SCMIC2001 General Microbiology
 SCMOL2001 Biotechnology laboratory techniques
 SCMOL2010 Mammalian Genetics
 SCMOL3010 Advanced methods in biotechnology
 SCMOL3001 Molecular Cell Biology
 SCCOR3001 Research project

Minor

SCBIO1001 Principles of biology
 SCCHM1002 Chemistry 2
 SCMOL2001 Biotechnology laboratory techniques
 SCMOL2010 Mammalian genetics

STATISTICS

Minor

SCCOR1300 Scientific Practice
 STATS1000 Statistical Methods
 STATS2101 Statistics for Prediction
 STATS2100 Experimental Design and Analysis

Additional Information

This program structure applies to mid-year entry students.

TEQSA have advised that, in accordance with B1.1.3 of [Higher Education Standards Framework \(Threshold Standards\) 2021](#) all Higher Education Providers are required to show their TEQSA Provider number and Provider Category on all relevant public material. ITS have ensured that our website and email signature templates have been amended to ensure compliance and have provided a knowledge article to assist you to update your signatures. Marketing are working to update the brand library and all social media accounts.

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.