

PROGRAM PLAN

BACHELOR OF BIOMEDICAL SCIENCE

Industry & Science Education Major

PROGRAM OPTION:
Semester 1

START DATE:
2017-2020

LOCATION:
Callaghan

This Program Plan is an enrolment guide to ensure you are on track to graduate. If at any time you wish to vary from this program plan seek advice from your Program Advisor to ensure you remain on track.

 [PROGRAM HANDBOOK](#)

 [COURSE HANDBOOK](#)

NAME:

STUDENT NO.:

YEAR 1	SEMESTER 1	CHEM1010 Introductory Chemistry I CORE	HUBS1403 Biomedical Science Part 1 CORE	HUBS1422 Critical Thinking for Medicine and Science CORE	DIRECTED 1000 level DIRECTED	SEMESTER 2	CHEM1020 Introductory Chemistry II CORE	HUBS1404 Biomedical Science Part 2 CORE	DIRECTED 1000 level DIRECTED	ELECTIVE ELECTIVE	
		SEMESTER 1	HUBS2206 Human Biochemistry and Cell Biology CORE	HUBS2601 Human Infection and Immunity 1 CORE	DIRECTED List A DIRECTED		DIRECTED 2000 level DIRECTED	SEMESTER 2	HUBS2507 Integrative Physiology for Biomedical Science CORE	HUBS2209 Human Cell Biology and Cancer COMPULSORY	HUBS2410 Biomedical Science Communication COMPULSORY
	YEAR 3		SEMESTER 1	HUBS3302 Bioinformatics and Functional Genomics COMPULSORY	DIRECTED List A DIRECTED	DIRECTED 3000 level DIRECTED	ELECTIVE ELECTIVE		SEMESTER 2	DIRECTED List A DIRECTED	DIRECTED List A DIRECTED

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DIRECTED COURSES

LIST A

Complete 60 units from:

COMP1140: Database and Information Management
HUBS2408: Clinical Research Design
HUBS2503: Clinical Exercise Physiology
HUBS2505: Human Pathophysiology
HUBS3205: Human Pharmacology

HUBS3411: Frontiers in Chronic Disease
HUBS3412: Work Integrated Learning in Biomedical Science 1
HUBS3413: Work Integrated Learning in Biomedical Science 2
HUBS3602: Human Infection and Immunity 2
INFT3100: Project Management

Note: a maximum of 10 units at 2000 level is permitted

COMMERCIALISATION / ENTREPRENEURSHIP PATHWAY

Complete 50 units from:

MNGT1001: Introduction to Management
MNGT1002: Introduction to Entrepreneurship and Innovation
STAT1060: Business Decision Making
MNGT2002: Business Venturing
MNGT2003: Entrepreneurial and Innovation Diversity
MNGT3002: Knowledge Management

SCIENCE EDUCATION PATHWAY

Complete 50 units from:

MATH1002: Foundational Studies in Mathematics
MATH1110: Mathematics for Engineering, Science and Technology 1
MATH1800: Mathematical Modelling
PHYS1200: Introductory Physics for the Life Sciences
EDUC2102: Educational Psychology: Learners and the Learning Process
PHYS2300: Climate and Energy
ABOR3500: Aboriginal Education, Policies and Issues

GENERAL INTEREST PATHWAY

Complete 50 units from:

HUBS1109: Anatomy for Biomedical Science
HUBS1202: Human Genomics and Biomolecular Analysis
HUBS1405: Introduction to Professional Skills in Biomedical Science
PSYC1010: Psychology Introduction 1
STAT1070: Statistics for the Sciences
HUBS2103: Neural and Visceral Anatomy
HUBS2107: Mammalian Growth and Development
HUBS2203: Introductory Pharmacology
EPID6420: Epidemiology A - Basic Methods

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To be eligible to graduate make sure you have completed 240 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- Core & Compulsory courses – 110 units
- Directed courses – 110 units; 60 units from List A, 50 units from either the Commercialisation/Innovation, Science Education or General Interest Directed course list.
- Electives – 20 units, visit the [Program Handbook](#) for more information
- A maximum of 100 units at 1000 level is permitted in this program – please take this into account when choosing your Directed and Elective courses.
- The duration of this program is 3 years full-time (40 units per semester), or equivalent part-time
- The maximum time to complete this program is 8 years.
- Transition information – students commencing this program prior to 2019 may be affected by transition arrangements. Please refer to the [Program Handbook](#) for further information.



Some courses have assumed knowledge and/or requisites, please refer to the individual [Course Handbook](#). Please refer to the [Program Handbook](#) for specific information on program structure. If you are intending varying from this program plan please seek advice from your [Program Advisor](#).