

PROGRAM PLAN



BACHELOR OF SURVEYING (HONOURS)/ BACHELOR OF BUSINESS

PROGRAM OPTION:
Full time or Part time

START DATE:
Semester 1, 2021

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 Academic Program Advisor to ensure you remain on track.

 [PROGRAM HANDBOOK](#)
 [COURSE HANDBOOK](#)

NAME:
STUDENT NO.:

COURSE STATUS KEY

C = Completed
En = Enrolled
NS = Not Started

YEAR	SEMESTER	COURSE	DESCRIPTION	CATEGORY
YEAR 1	SEMESTER 1	ENGG1003	Introduction to Procedural Programming	CORE
		ENGG1500	Introduction to Professional Engineering	CORE
		MATH1110	Mathematics for Engineering, Science and Technology 1	CORE
		SURV1200	Introduction to Surveying	CORE
	SEMESTER 2	CIVL1100	Fundamentals of Engineering Mechanics	CORE
		ECON1001^	Microeconomics for Business Decisions	CORE
		MATH1120	Mathematics for Engineering, Science and Technology 2	CORE
		PHYS1205*	Fundamentals of Engineering Physics	CORE
YEAR 2	SEMESTER 1	CIVL2060	Numerical Methods	CORE
		ENGG2100	Engineering Risk and Uncertainty	CORE
		LEGL1001^	Foundations of Law	CORE
		MNGT1001^	Introduction to Management	CORE
		SURV2210	Engineering Surveying	CORE
	SEMESTER 2	DIRECTED 1000 LEVEL		MAJOR
		ENGG2300	Engineering Fluid Mechanics	CORE
		SURV2220	Surveying Methods and Equipment	CORE
YEAR 3	SEMESTER 1	LEGL2009	Survey and Engineering Law	CORE
		MAJOR^ 2000 LEVEL		MAJOR
		SURV3350	Analysis of Observations	CORE
		SURV3510	Geodesy 1	CORE
	SEMESTER 2	MAJOR^ 2000 LEVEL		MAJOR
		MKTG1001^	Foundations of Marketing	CORE
		SURV3610	Photogrammetry	CORE
		SURV3650	GIS and Remote Sensing	CORE
YEAR 4	SEMESTER 1	ACFI1001^	Accounting for Decision Makers	CORE
		CIVL3330	Hydrology	CORE
		MAJOR^ 3000 LEVEL		MAJOR
		MAJOR^ 3000 LEVEL		MAJOR
	SEMESTER 2	ACFI1003^	Introduction to Finance	CORE
		CIVL4450	Water Engineering	CORE
		ENGG2500	Sustainable Engineering Practice	CORE
		SURV3930	Land Boundary Definition	CORE
YEAR 5	SEMESTER 1	ENGG3500	Managing Engineering Projects	CORE
		SURV4110	Industrial Surveying	CORE
		SURV4410	Astronomy and Satellite Positioning	CORE
		SURV4850A#	Project - Part A	CORE
	SEMESTER 2	MAJOR^ 3000 LEVEL		MAJOR
		MAJOR^ 3000 LEVEL		MAJOR
		SURV4730	Town Planning	CORE
		SURV4850B#	Project - Part B	CORE

COMPULSORY PROFESSIONAL PRACTICE: INDUSTRIAL EXPERIENCE 12 WEEKS

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To be eligible to graduate make sure you have completed 410 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- Core courses – 340 units
 - Enrolment in MATH courses is based on your assumed knowledge. To find out which MATH courses you should enrol in please see the [Enrolling in Maths information](#). More information is in your [Program Handbook](#).
 - * PHYS courses. Students may count PHYS1205 in lieu of PHYS1210 with Program Convenor approval.
 - ^ Please note you can choose to study these core and major Bachelor of Business courses in a different order than is listed here, depending on your preferences and the availability/timetable.
 - # Students can choose to complete both SURV4850A and SURV4850B (20 units over 2 semesters) OR SURV4850 (20 units in 1 semester OR Semester 2). Students who wish to choose SURV4850 must first obtain Program Convenor approval.
- Major – 70 units.
 - If you are undertaking the Leadership and Management major, you will complete the following:
 - 30 units of major compulsory courses; please see [Program Handbook](#) for compulsory course list
 - 40 units of directed courses (10 units at a 1000 level, 10 units at a 2000 level and 20 units at a 3000 level).
 - If you are undertaking the Entrepreneurship and Innovation major, you will complete the following:
 - 40 units of major compulsory courses; please see [Program Handbook](#) for compulsory course list
 - 30 units of directed courses (10 units at a 2000 level and 20 units at a 3000 level).
- Students must not exceed 120 units at 1000 level in this program.
- It is also a requirement that students complete a total of 12 weeks of [industrial experience](#).
- The duration of this program is 5 years full time (40 units per semester) or part time equivalent.
- The maximum time to complete this program is 12 years.



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 [Academic Program Advisor](#).

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LEADERSHIP AND MANAGEMENT MAJOR

COMPULSORY COURSES

Complete 30 units from:

MNGT2005 Leadership and Ethics
MNGT3011 Leading Organisational Change
MNGT3012 Strategic Business Management

DIRECTED COURSES

Complete 10 units from the following 1000 level Business directed courses:

Note: MNGT1002 is Recommended

IBUS1000 Managing International Business Risk
IRHR1002 Dynamics of People and Work in Organisations
LEIS1000 Leisure Behaviour and Organisation
MNGT1002 Introduction to Entrepreneurship and Innovation
POLI1010 Australian Politics and Government

DIRECTED COURSES

Complete 10 units from the following 2000 level Business directed courses:

MNGT2002 Business Venturing
MNGT2006 Decision Making Under Uncertainty

DIRECTED COURSES

Complete 20 units from the following 3000 level Business directed courses (Note: Students can only count one of BUSN3001, BUSN3002 or BUSN3500 towards the major):

BUSN3001 Project in Business
BUSN3002 Industry Placement
BUSN3500 International Work Placement in Business
MNGT3002 Knowledge Management
MNGT3008 Advanced Innovation Management
MNGT3009 Business Development and Growth

ENTREPRENEURSHIP AND INNOVATION MAJOR

COMPULSORY COURSES

Complete 40 units from:

MNGT1002 Introduction to Entrepreneurship and Innovation
MNGT2002 Business Venturing
MNGT2007 Ideation in Enterprise
MNGT3016 Innovation and Entrepreneurial Strategy

DIRECTED COURSES

Complete 10 units from the following 2000 level Business directed courses:

MNGT2004 Managing Innovation
MNGT2006 Decision Making Under Uncertainty

DIRECTED COURSES

Complete 20 units from the following 3000 level Business directed courses:

BUSN3002 Industry Placement
MNGT3002 Knowledge Management
MNGT3007 Social Entrepreneurship
MNGT3008 Advanced Innovation Management
MNGT3009 Business Development and Growth