

PROGRAM PLAN


BACHELOR OF SURVEYING (HONOURS)/ BACHELOR OF BUSINESS


PROGRAM OPTION:
Full time or Part time

START DATE:
Semester 1, 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.:

COURSE STATUS KEY

C = Completed

En = Enrolled

NS = Not Started

YEAR	SEMESTER	COURSE CODE	COURSE TITLE	COURSE TYPE
YEAR 1	SEMESTER 1	ENGG1500	Introduction to Professional Engineering	CORE
		MATH1110*	Mathematics for Engineering, Science and Technology 1	CORE
		PHYS1205**	Fundamentals of Engineering Physics	CORE
		SURV1200	Introduction to Surveying	CORE
YEAR 2	SEMESTER 1	CIVL2040	Engineering Probabilities	CORE
		CIVL2060	Numerical Methods	CORE
		LEGL1001	Foundations of Law	CORE
		MNGT1001	Introduction to Management	CORE
		SURV2210	Engineering Surveying	CORE
YEAR 2	SEMESTER 2	CIVL1100	Fundamentals of Engineering Mechanics	CORE
		ECON1001	Microeconomics for Business Decisions	CORE
		ENGG1002	Introduction to Engineering Computations	CORE
		MATH1120	Mathematics for Engineering, Science and Technology 2	CORE
		CIVL2310	Fluid Mechanics	CORE
YEAR 3	SEMESTER 1	LEGL2009	Survey and Engineering Law	CORE
		MAJOR	2000 LEVEL	MAJOR
		SURV3350	Analysis of Observations	CORE
		SURV3510	Geodesy 1	CORE
		DIRECTED	1000 LEVEL	MAJOR
YEAR 3	SEMESTER 2	MAJOR	2000 LEVEL	MAJOR
		MKTG1001	Foundations of Marketing	CORE
		SURV3610	Photogrammetry	CORE
		SURV3650	Spatial Data Systems and Remote Sensing	CORE
		SURV2220	Surveying Methods and Equipment	CORE
YEAR 4	SEMESTER 1	CIVL4330	Hydrology	CORE
		ENGG2500	Sustainable Engineering Practice	CORE
		MAJOR	3000 LEVEL	MAJOR
		MAJOR	3000 LEVEL	MAJOR
		ACFI1001	Accounting for Decision Makers	CORE
YEAR 4	SEMESTER 2	ACFI1003	Introduction to Finance	CORE
		CIVL4450	Water Engineering	CORE
		SURV3930	Land Boundary Definition	CORE
		ENGG3500	Managing Engineering Projects	CORE
		SURV4110	Industrial Surveying	CORE
YEAR 5	SEMESTER 1	SURV4410	Astronomy and Satellite Positioning	CORE
		SURV4850A#	Project - Part A	CORE
		MAJOR	3000 LEVEL	MAJOR
		MAJOR	3000 LEVEL	MAJOR
		SURV4730	Town Planning	CORE
YEAR 5	SEMESTER 2	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 in your [Program Handbook](#).
 - ** PHYS courses. Students may count PHYS1210 Advanced Physics 1 in lieu of PHYS1205 with Program Convenor approval.
 - # 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 [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 Innovations
- 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