

# **Associate Degree of Construction (ADCN) - ADegConstruction**

QTAC code (Australian and New Zealand applicants): Springfield campus: 927072; External: 907075;  
Toowoomba campus: 907072

CRICOS code (International applicants): 089495C

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## **Program objectives**

At the completion of the program the graduate will be able to.

- apply building principles and methods;
- prepare documentation for building dev

## **Program fees**

ENG1100 Introduction to Engineering Design	1
ENG1003 Problem Solving in Engineering and the Built Environment	1
CMG1002 Residential Construction: Methods, Materials and Management	1
CMG2001 Job Organisation	1
SVY1500 Spatial Science for Engineers	1
LAW1101 Introduction to Law	1
CIV2605 Construction Engineering	1
CMG2003 Construction Production Management	1
CMG2002 Cost Management: Estimating, Measurement and Cost Control	1
<b>Practice Courses</b>	
ENG1901 Engineering Practice 1	0
CIV3906 Civil Materials Practice	0
ENG2909 Work Experience - Associate	0

## Major studies

The Associate Degree of Construction consists of a core major study component in Construction Management and a minor study. The major study provides students with knowledge and skills in a specific discipline.

## Minor Studies

The Associate Degree of Construction consists of a core major component and a minor study. The minor study provides students with knowledge and skills in a specific area or specialisation. A minor study in a program is a group of four units of courses that provides students an appropriate breadth of study in an area of specialisation. Students must complete four (4) units from the minors listed below.

The minor studies available are:

- Building
- Civil
- Transdisciplinary

Please refer to the recommended enrolment pattern for details.

## Practical experience

To be eligible to graduate from the Associate Degree of Construction, students must obtain an aggregate of at least 30 days of suitable work experience in an architectural, engineering or construction organisation. Students are required to enrol in [ENG2909 Work Experience - Associate](#) in the latter part of the program and maintain a record of their practical experience as specified by the Course Specification. The record of w

## Residential schools

The attendance requirement of residential schools within this degree is indicated by the following letters: V = Voluntary; O = Optional; C = Compulsory; R = Recommended; HR = Highly Recommended; M = Mandatory. Find out more about [residential schools](#), visit the [Residential School Schedule](#) to view specific dates for your degree, or visit the [Policy and Procedure Library](#).

Students are required to undertake practical and professional activities relevant to their program through enrolment in a series of **Practice courses** in the program. Practice courses are **zero** unit courses that may be undertaken in either on-campus or external mode and the final grades available are Pass (P)/Fail (F) only. They are a compulsory part of the program and do not attract a student contribution charge for Australian residents or a tuition fee for international students. The recommended enrolment schedule for Practice courses is shown in the Recommended Enrolment Pattern for the program in this Handbook.

External students must attend a number of residential schools during their program to obtain experience in practical and professional activities appropriate to the program. The residential schools are included in Practice courses which are conducted in Semester 3 or during the recess periods. The dates for each residential school Practice course are shown in the [Residential School Schedule](#) in this Handbook and external students should ensure they are able to attend the residential school prior to enrolling in a Practice course. Personal protective equipment is compulsory in many engineering, construction and spatial science laboratories, students should confirm the requirements before attending residential schools for Practice courses.

Students who enrol in on-campus mode for Practice courses normally undertake a series of weekly activities and/or attend a compulsory residential school. **xpe in**

students. Students following a non-standard enrolment pattern should consult the [course specification](#) to ascertain if a course is offered in another term

### **Construction Management Major recommended enrolment pattern**

Students are able to enrol in any offered mode of a course (on-campus, external or online), re

- # **ENG1901 Engineering Practice 1** is the first in a series of Practice courses designed to enable students to acquire engineering and professional practice skills, including practical and teamwork skills, problem solving and engineering judgement. It is designed principally to cater for the needs of recent school leavers and those lacking any significant experience of the engineering work force. Students who have a trade certificate and have been employed in the engineering industry for some time may be able to claim exemption from the course.

## Building Minor recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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	Vb^o	P b j	Vb^o	P b j	Vb^o	P b j	

**Students undertaking a Building minor should choose four (4) courses as per the following table, subject to any requisite requirements:**

Course	Credits	Pre-requisites
<a href="#">CIV2502 Structural and Building Technology</a>	2	
<a href="#">CMG3003 Building Services: Methods, Materials and Management</a>	1	Pre-requisite: <a href="#">CMG1001</a> and <a href="#">CIV2502</a> or Students must be enrolled in the following Program: MEPR

**Plus any two courses from the following list:**

Course	Credits	Pre-requisites
<a href="#">URP1001 Introduction to Urban and Regional Planning</a>	1	
<a href="#">URP3201 Sustainable Urban Design and Development</a>	2	
<a href="#">URP2001 Planning Structures and Statutory Planning</a>	1	
<a href="#">URP2002 Local Government Planning Practice and Technology</a>	2	
<a href="#">MGT3203 Project Management Processes</a>	2	2,3 Enrolment is not permitted in <a href="#">MGT3203</a> if <a href="#">MGT2203</a> has been previously completed.
<a href="#">MGT3070 Principles of Property Development</a>	1	

## Civil Minor recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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	Vb^o	P b j	Vb^o	P b j	Vb^o	P b j	

**Students undertaking a Civil minor should choose four (4) courses as per the following table, subject to any requisite requirements:**

Course	Credits	Pre-requisites
<a href="#">CIV2701 Road Design and Location</a>	1	Pre-requisite: <a href="#">MAT1500</a> or <a href="#">ENG1500</a> or <a href="#">ENM1500</a> or <a href="#">ENM1600</a> or Students must be enrolled in one of the following Programs: GCST or GDST or GCEN
<a href="#">CIV3603 Construction Methods</a>	2	

**Plus any two courses from the following list:**

Course	Credits	Pre-requisites
<a href="#">CIV1500 Applied Mechanics</a>	1	1,3 Pre-requisite or Co-requisite: <a href="#">ENM1500</a> or <a href="#">ENG1500</a> or <a href="#">MAT1500</a> or <a href="#">ENM1600</a>
<a href="#">CIV3703 Transport Engineering</a>	2	
<a href="#">CIV2403 Geology and Geomechanics</a>	2	Pre-requisite: <a href="#">CIV1501</a> or <a href="#">CIV1500</a> or Students must be enrolled in one of the following Programs: MENS or GCEN
<a href="#">CIV3403 Geotechnical Engineering</a>	2	Pre-requisite: <a href="#">CIV2401</a> or <a href="#">CIV2403</a> or Students must be enrolled in one of the following Programs: GCEN or METC or MEPR or GCNS or GDNS or MENS

