# Program Plan

**Bachelor of Construction Management (Building) (Honours)**

**Program Option:**
Full time or Part time

**Start Date:**
Semester 1, 2016 and prior

**Location:**
Callaghan and Distance

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.

**COURSE STATUS KEY**
- C = Completed
- En = Enrolled
- NS = Not Started

## Program Handbook

## Course Handbook

### Year 1

#### Semester 1
- **ARBE1101** Construction Technology 1
  - CORE
- **ARBE1102** Construction Ecology 1
  - CORE
- **ARBE1105** Communication in the Built Environment (Replaced ARBE1303)
  - CORE
- **ARBE1306** Construction Management Fundamentals (Replaced ARBE1100)
  - CORE

#### Semester 2
- **ARBE1103** Digital Communication in the Built Environment
  - CORE
- **ARBE1301** Construction Law and Legislation
  - CORE
- **ARBE1304** Building Codes and Compliance
  - CORE
- **ARBE1305** Construction Technology, Sequencing and Representation (Replaced ARBE2100)
  - CORE

### Year 2

#### Semester 1
- **ARBE2301** Measurement of Building Works 1
  - CORE
- **ARBE3309** Measurement of Building Works 2 (Replaced ARBE4303)
  - CORE
- **ARBE3304** Development Economics and Facilities Management
  - CORE
- **DIRECTED COURSE**
  - See Handbook and Page 2

#### Semester 2
- **ARBE2303** Health and Safety in Built Environment
  - CORE
- **ARBE2306** Maintenance Services and Rehabilitation
  - CORE
- **ARBE2307** Economics of the Construction Industry
  - CORE
- **ARBE2309** Construction Procurement and Tendering
  - CORE

### Year 3

#### Semester 1
- **ARBE3100** Construction Technology 3
  - CORE
- **ARBE4310** Construction Business Strategy and Finance
  - CORE
- **ARBE4102** Construction Technology and Services
  - CORE
- **ARBE4101** Performance and Sustainability of the Built Environment
  - CORE
  - Replaces ARBE4101. If you have not completed ARBE4101 do this course.

#### Semester 2
- **ARBE3301** Construction Project Planning
  - CORE
- **ARBE3306** Building Fire Safety and Compliance
  - CORE
- **ARBE4121A** Research in the Built Environment A
  - CORE
  - This course must be completed in the same year as ARBE4121B
- **ARBE4121B** Research in the Built Environment B (20 units)
  - CORE
  - This course must be completed in the same year as ARBE4121A

### Year 4

#### Semester 1
- **ARBE3101** Performance and Sustainability of the Built Environment
  - CORE
- **ARBE4102** Construction Technology and Services
  - CORE
- **ARBE4310** Construction Business Strategy and Finance
  - CORE
- **ARBE4101** Performance and Sustainability of the Built Environment
  - CORE
  - Replaces ARBE4101. If you have not completed ARBE4101 do this course.

#### Semester 2
- **ARBE3306** Building Fire Safety and Compliance
  - CORE
- **ARBE4121A** Research in the Built Environment A
  - CORE
- **ARBE4121B** Research in the Built Environment B (20 units)
  - CORE
  - This course must be completed in the same year as ARBE4121A

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### COMPULSORY PROFESSIONAL PRACTICE: INDUSTRIAL EXPERIENCE - 16 WEEKS

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PROGRAM PLAN

BACHELOR OF CONSTRUCTION MANAGEMENT (BUILDING) (HONOURS)

To be eligible to graduate make sure you have completed 320 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- Core courses* – 290 units.
  - Note: Research courses ARBE4121A (10 units) and ARBE4121B (20 units) must be completed in the same calendar year.

- Directed courses – 10 units. Choose one of these courses:
  - ARBE3308 Building Information Modelling (BIM)
  - ARBE4302 Disaster Management and Resilience in the Built Environment
  - ARBE2223 Architecture Studio Project 1 (Enrolment in this course is by ballot ONLY. For more information contact the School of Architecture and Built Environment on archbe@newcastle.edu.au)

- Elective courses* – 20 units. Visit the Program Handbook for more information.

- Students must not exceed 120 units at 1000 level in this program.

- It is also a requirement that students complete a total of 16 weeks of industrial experience.

- The duration of this program is 4 year full-time (40 units per semester) or part-time equivalent.

- The maximum time to complete this program is 10 years.

*Transition arrangements: Due to program revisions, students should also refer to the Transition arrangements section of the Program Handbook for more 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.