



THE UNIVERSITY OF  
**NEWCASTLE**  
AUSTRALIA

## **Transition Information 2015**

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

In 2015, the Faculty of Engineering and Built Environment will introduce a new program to replace the current Bachelor of Construction Management (Building) (program code 10859). The new program is:

#### **Bachelor of Construction Management (Building) (Honours) University of Newcastle Program Code: 12231**

Students in the Bachelor of Construction Management (Building) program who will enrol in courses in 2015 will automatically be moved into the Bachelor of Construction Management (Building) (Honours) prior to re-enrolment.

Accreditation of the program is not affected; the Bachelor of Construction Management (Building) (Honours) is accredited by the Australian Institute of Building (AIB), Royal Institution of Chartered Surveyors (RICS), Australian Institute of Quantity Surveyors (AIQS), Chartered Institute of Building (CIOB), and Australian Institute of Building Surveyors (AIBS).

This change is the result of the University's response to the new national Australian Qualifications Framework (AQF). An academic committee at the University of Newcastle has reviewed all programs to ensure the curriculum delivers the appropriate AQF learning outcomes while continuing to meet professional accreditation requirements. As such, the University's four year embedded honours programs will now be known as Bachelor (Honours) degrees. Please see page 3 for further information on AQF.

There are minimal changes to the structure and courses that make up your degree; please see page 2 for specific information. In addition, the Program Convenor, Helen Giggins, has [prepared a video](#).

For the most up-to-date program requirements and structure information please refer to the [online program handbook](#).

If you have any questions please contact the Program Convenor, [Helen Giggins](#).



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## Program Structural Changes

Following are the changes made to the structure of the Bachelor of Construction Management (Building) (Honours) for 2015:

### Year One

ADD: ARBE1305 – Construction Technology, Sequencing and Representation  
This new 10 unit course has replaced ARBE2100 – Construction Technology 2 (10 units) in Semester 2

REMOVE: ARBE2100 – Construction Technology 2

**Transition information:** *if you have already successfully completed ARBE2100 (including having being granted credit for it), you will not study ARBE1305. If you have not successfully completed ARBE2100 previously (including having never enrolled in it, plus having withdrawn or failed it), you will study ARBE1305.*

### Year Two

MOVE: ARBE2308 Cost Planning & Estimating from Semester 2 to Semester 1 in Year Three.

MOVE: To fill the spot created by ARBE2308, the general elective will be offered here, previously scheduled for Semester 2 in Year Two.

### Years Three and Four

MOVE: ARBE3100 – Construction Technology 3 from Semester 1 to Semester 2, Year Three.

MOVE: ARBE3301 – Construction Project Planning from Semester 1 to Semester 2, Year Three.

MOVE: ARBE3306 – Building Fire Safety and Compliance from Year 3 to Year Four.

ADD: Ten units of directed courses in Semester 1, Year Three.

Choose from:

ARBE4302 – Disaster Management and Resilience in the Built Environment, which has changed from a core course (in Year Four) to an offering within the directed courses list.

ARBE3308 – Building Information Modelling (BIM), which is a new 10 unit course.

(Please note: whichever course you don't choose as your directed course can certainly be chosen as one of your general electives.)

**Transition information:** *if you have successfully completed ARBE4302 as a core course (including having being granted credit for it), you will not need to complete the directed course.*

If you feel you are disadvantaged in your progression of the degree by courses changing semesters, please contact the program convenor, [Dr Helen Giggins](#), to discuss your situation.



## What is AQF and what does it mean for my degree?

The Australian Qualifications Framework (AQF) is a nationwide government initiative to ensure clarity of educational program outcomes across all areas of education from High School, through TAFE/VET and to all University programs. As a result of this legislative compliance process, there has been a significant volume of work undertaken across our University and the whole University sector, to review programs to ensure alignment with AQF.

As a result of this review some changes have been made to programs across the University. These changes will ensure that they will continue to provide students with a comprehensive learning experience that combines academic rigour with opportunities for career advancement, meeting the global needs of industry and the professions.

In the Faculty of Engineering and Built Environment some minimal changes have been made to the embedded honours Bachelor degrees. In most cases the changes are limited to the title of the degree. There are some instances where the program structure has been slightly amended. In all cases, the changes will have **no** impact on the accreditation of the degrees.

### **The Faculty of Engineering and Built Environment embedded honours *Bachelor* degrees will be renamed as *Bachelor (Honours)* degrees from 2015**

From 2015, all embedded honours Bachelor degrees in the Faculty of Engineering and Built Environment will move from being known as ***Bachelor*** degrees to ***Bachelor (Honours)*** degrees. The change in name is in recognition that the programs meet the requirements for AQF level 8 – Bachelor Honours Degree. A graded honours classification will still be awarded based on superior academic performance throughout the degree.

Students who enrol in courses from 2015\* will automatically be moved to the new degree as noted in the table below:

<b>Current 2014 program</b>	<b>New 2015 program</b>
Bachelor of Construction Management (Building)	Bachelor of Construction Management (Building) (Honours)
Bachelor of Engineering (Chemical)	Bachelor of Engineering (Honours) (Chemical)
Bachelor of Engineering (Civil)	Bachelor of Engineering (Honours) (Civil)
Bachelor of Engineering (Computer)	Bachelor of Engineering (Honours) (Computer)
Bachelor of Engineering (Electrical)	Bachelor of Engineering (Honours) (Electrical)
Bachelor of Engineering (Environmental)	Bachelor of Engineering (Honours) (Environmental)
Bachelor of Engineering (Mechanical)	Bachelor of Engineering (Honours) (Mechanical)
Bachelor of Engineering (Mechatronics)	Bachelor of Engineering (Honours) (Mechatronics)
Bachelor of Engineering (Software)	Bachelor of Engineering (Honours) (Software)
Bachelor of Engineering (Telecommunications)	Bachelor of Engineering (Honours) (Telecommunications)
Bachelor of Engineering (Mechanical) / Bachelor of Engineering (Mechatronics)	Bachelor of Engineering (Honours) (Mechanical) / Bachelor of Engineering (Honours) (Mechatronics)
Bachelor of Engineering (Chemical) / Bachelor of Business	Bachelor of Engineering (Honours) (Chemical)/ Bachelor of Business



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Bachelor of Engineering (Chemical) / Bachelor of Mathematics	Bachelor of Engineering (Honours) (Chemical)/ Bachelor of Mathematics
Bachelor of Engineering (Chemical) / Bachelor of Science	Bachelor of Engineering (Honours) (Chemical)/ Bachelor of Science (Chemistry Major)
Bachelor of Engineering (Civil) / Bachelor of Business	Bachelor of Engineering (Honours) (Civil) / Bachelor of Business
Bachelor of Engineering (Civil) / Bachelor of Engineering (Honours) (Environmental)	Bachelor of Engineering (Honours) (Civil) / Bachelor of Engineering (Honours) (Environmental)
Bachelor of Engineering (Computer) / Bachelor of Mathematics	Bachelor of Engineering (Honours) (Computer) / Bachelor of Mathematics
Bachelor of Engineering (Computer) / Bachelor of Computer Science	Bachelor of Engineering (Honours) (Computer) / Bachelor of Computer Science
Bachelor of Engineering (Computer) / Bachelor of Science (Physics Major)	Bachelor of Engineering (Honours) (Computer) / Bachelor of Science (Physics Major)
Bachelor of Engineering (Electrical) / Bachelor of Business	Bachelor of Engineering (Honours) (Electrical) / Bachelor of Business
Bachelor of Engineering (Electrical) / Bachelor of Mathematics	Bachelor of Engineering (Honours) (Electrical) / Bachelor of Mathematics
Bachelor of Engineering (Environmental) / Bachelor of Science	Bachelor of Engineering (Honours) (Environmental) / Bachelor of Science
Bachelor of Engineering (Mechanical) / Bachelor of Business	Bachelor of Engineering (Honours) (Mechanical) / Bachelor of Business
Bachelor of Engineering (Mechanical) / Bachelor of Science (Physics Major)	Bachelor of Engineering (Honours) (Mechanical) / Bachelor of Science (Physics Major)
Bachelor of Engineering (Telecommunications) / Bachelor of Science (Photonics)	Bachelor of Engineering (Honours) (Telecommunications) / Bachelor of Science (Photonics)

*\*Please note that the industrial experience requirement is **not** considered course enrolment. If you have any questions regarding enrolment please contact your program officer.*