Bachelor of Construction Management and Economics
Course Information
The Bachelor of Construction Management and Economics (BCME) prepares graduates for careers in construction management and/or construction economics.

The course embraces the construction management and quantity surveying fields of study. These are generally considered to fall within the management disciplines, quantification and financial administration of building projects through their lifecycle.

Problem based learning is a key teaching element of the courses. This approach to teaching is valued by professionals and industry as graduates develop relevant skills and values so they are ready for the workforce. Students learn by working through a series of learning problems focusing on contemporary and relevant practice related issues.

Course Structure
The Bachelor of Construction Management and Economics (BCME) is structured as follows:

Level 1
- Anatomy of a Domestic Building
- Sustainable Building Services
- Building Information and Communications Management
- Construction Site Operations
- Total Building Performance
- Managing a Domestic Project
- Professional and Legal Environment

Level 2
- Anatomy of a Tall Building
- Measurement and Estimating
- Managing Multiple Projects
- Business Management for the Construction Industry
- Building Maintenance and Refurbishment
- Health and Safety in Building
- Community and Industrial Relations
- Construction Law

Level 3
- Medium Density Sub-Division and Development
- Sustainable Housing Development
- High Rise Development and Procurement Methods
- Large Scale Mixed-Use Sustainable Development

Level 4
- Project Inception and Feasibility
- Buildability and Constructability
- Design Cost Planning
- Enhancing Value in Project Procurement
- Improving Contract and Cost Management Performance
- Building Evaluation: Costs in-Use
- Risk Management for Construction and Cost Management

Plus one elective subject

Levels 1 – 3 are completed in 6 trimesters (2 years) with level 4 taking a further 2 trimesters (8 months)

Students who exit this course after 6 trimesters (2 years) will be eligible for the award of the Bachelor of Applied Science (Built Environment).

Qualifications and Recognition
On successful completion of levels 1 – 4 graduates of this course are eligible to receive the Bachelor of Construction Management and Economics.

Admission Requirements
- Good passes at Year 12 level studies (or the overseas equivalent)
- English language proficiency of IELTS 6.0, ISPLR 3, TOEFL 237 (CB) or 92 (iBT) or equivalent

Course Length
4 Years. Delivery through a trimester structure enabling completion in 2 years and 8 months

Commencement Dates
February

Location
Chadstone Campus

Career Opportunities
Graduates will be equipped to work in a number of job roles covering the management of building procurement, construction project management, contract administration, and construction management. As estimators, cost engineers or quantity surveyors, graduates could be involved in the quantification and financial management of buildings through the design, tendering, construction and operational stages.

Professional Recognition
On completion, graduates may seek membership of relevant professional bodies and/or institutions such as the Australian Institute of Building (AIB) and the Australian Institute of Quantity Surveyors (AIQS). Students may also continue their academic development by undertaking postgraduate or research studies.

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