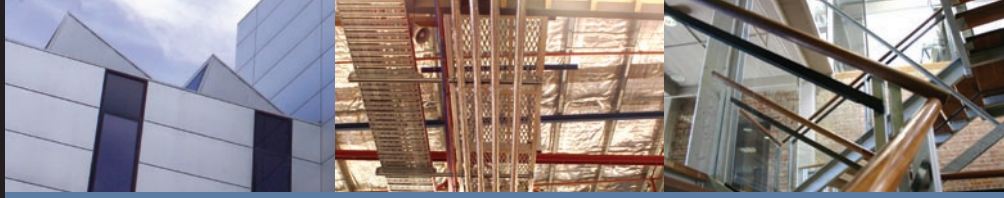


# DEAKIN



UNIVERSITY AUSTRALIA



## DEAKIN INFRASTRUCTURE LOGISTICS

Construction + Facilities Management



The difference is **Deakin University.**



Deakin's combined degree in Infrastructure Logistics covers all the professional requirements for practice as a facilities manager and as a construction project manager (including quantity surveyor and building surveyor) in the global property/construction industry. For the first time this dual qualification enables graduates to seamlessly move between new project developments and refurbishment or facilities planning work as opportunities and demand may dictate. Deakin is the first university in Australia to offer this unique internationally accredited career pathway—now available at its award-winning Geelong Waterfront campus.



## THE DIFFERENCE IS DEAKIN

**COLLABORATIVE STUDY** Infrastructure logistics and architecture are taught side-by-side, reflecting contemporary needs for integrating expertise and cross-disciplinary teamwork. In practice, the boundaries between traditional disciplines in the built environment are becoming increasingly blurred, and Deakin's course design enables you to effectively work across these boundaries and help solve complex logistical problems.

**THEORY AND PRACTICE** Industry placement is an integral part of the course design and emphasises the link between academia and real-world professional practice. If you have demonstrable previous experience you may receive credit towards your study program, or alternatively you can elect to work and study concurrently in the final year. All Deakin graduates are guaranteed to be job-ready and internationally recognised.

**FAST-TRACK PROGRAM** You can optionally select summer units to complete your degree faster, thus reducing time away from home and/or encouraging part-time study. These summer units are normally offered online<sup>1</sup> (off campus) and provide you with significant flexibility to study and work or study and travel. Deakin is well placed to provide support for off-campus students.

**COMBINED DEGREES** At Deakin a combined degree means two separate and recognised qualifications that are taught concurrently over a shorter period than would otherwise be the case if undertaken sequentially. When you are enrolled in a combined degree, you have the advantage of various early exit opportunities as you move through the program.

**EXTEND YOURSELF** The Dean's Scholars Program aims to recognise, reward and nurture its high achieving students. In addition to receiving a scholarship worth \$5000 per year, you are assigned an academic mentor throughout your course and receive career development guidance. Being a Dean's Scholar at Deakin will look great on your résumé!

**PROFESSIONAL RECOGNITION** All degrees are widely accredited by national and international bodies. Deakin University is one of an elite group in Australia to have RICS accredited courses, and the only university to have such accreditation for both construction and facilities management disciplines.

**LOCATION** Teaching takes place at Deakin's award-winning Geelong Waterfront campus. The regional setting enables affordable accommodation to be found close to the campus, while still being less than one hour from the centre of Melbourne, regularly ranked as one of the world's best cities. The cost of living is significantly cheaper in Geelong, which is the gateway to the Surf Coast and the Great Ocean Road. Spend the summer break surfing at Bells Beach and the winter break skiing at Mt Hotham, or any number of the other great holiday destinations.

**RESEARCH** The Built Environment Research Group (BERG) is a designated University Research Priority Area that has a focus on the relationship between human wellbeing and the built environment. Many lecturers are international leaders in their research fields. Deakin has won 16.27% of all ARC national competitive grants in the built environment discipline over the last 4 years (Australian Research Council 2002–2005)—more than any other Australian university, which is outstanding given there are 20 built environment schools in Australia.

The combined degree in Infrastructure Logistics is:

**INNOVATIVE** – first of its type in Australia  
**RESPONSIVE** – meets industry need  
**RELEVANT** – internationally accredited



<sup>1</sup> full fee-paying

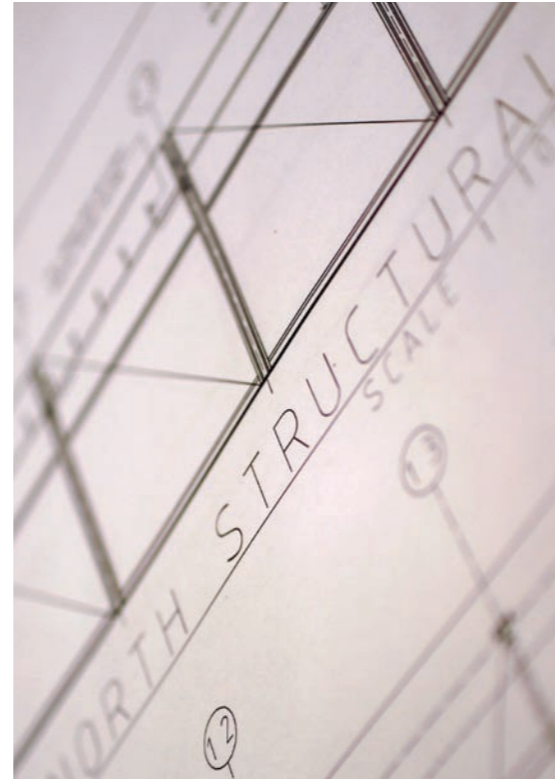
## WHAT STUDY AREAS ARE AVAILABLE?

**INFRASTRUCTURE LOGISTICS** The provision of physical space is critical to human wellbeing (even survival) and underpins all aspects of our social fabric. Infrastructure logistics is defined as the blend of construction project management and facilities management, and leads to a combined degree (5 years) or early exit single degrees in facilities management (after 3 years) or construction management (after 4 years), as shown in the diagram below.

Course duration can be shortened by up to 1 year by undertaking optional summer units. Advanced standing up to 2 years full time is provided for approved prior learning. Also available at Deakin is a combined degree in architectural design and construction management. Honours level units are open to students who perform meritoriously.

**FACILITIES MANAGEMENT** The Bachelor of Facilities Management (BFM) is an early exit option from the Infrastructure Logistics combined degree after 3 years of full-time study. An additional honours year is also available by invitation. BFM is fully accredited by the Facility Management Association of Australia (FMA), while BFM (Hons) is additionally accredited by the Royal Institution of Chartered Surveyors (RICS).

**CONSTRUCTION MANAGEMENT** The Bachelor of Construction Management (BCM) is an early exit option from the Infrastructure Logistics combined degree after 4 years of full-time study, and includes an integral honours year available by invitation. It is also offered as a stand-alone degree or combined with architectural design. BCM is fully accredited by the Royal Institution of Chartered Surveyors (RICS), Chartered Institute of Building (CIOB), Australian Institute of Building (AIB), Australian Institute of Quantity Surveyors (AIQS) and the Building Commission of Victoria (BCV).



## COURSES AT DEAKIN

All units are 1 credit point (cp) unless otherwise noted. All courses have two intakes per year (March and July). Details of unit content are available online at [www.deakin.edu.au/courses](http://www.deakin.edu.au/courses).

### BACHELOR OF FACILITIES MANAGEMENT/ BACHELOR OF CONSTRUCTION MANAGEMENT

Course code D365, 40 credit points  
FT5 PTE final year can be off campus or accelerated over summer semesters

#### Level 1

Building Safety  
Construction and Structures 1  
Building Materials Science  
Technology Projects 1  
Contract Administration 1  
Information Systems for Construction  
Construction Finance  
Project Management 1

#### Level 2

Construction and Structures 2  
Building Environmental Studies 1  
Technology Projects 2  
Contract Administration 2  
Building Economics  
Measurement and Estimating 1  
Project Management 2

#### Level 3

Construction Planning and Scheduling  
Service Delivery Management  
Facilities Procurement and Sourcing  
Improving Facilities Performance  
Managing Complex Projects  
Managing Operational Risk  
Strategic Facilities Management  
Construction and Structures 3  
Building Environmental Services  
Technology Projects 3  
Measurement and Estimating 2  
Measurement and Estimating 3

#### Level 4/5

Honours Thesis A  
Honours Thesis B (2cp)  
Industry Placement A (2cp)\*  
Industry Placement B (2cp)\*  
Contract Administration 3  
Building Cost Planning  
Building Project Evaluation  
Research Methods Seminar  
Professional Practice  
Built Environment Integrated Project (capstone)

### BACHELOR OF FACILITIES MANAGEMENT

Course code S347, 24 credit points  
FT3 PTE exit option only

#### Level 1

Building Safety  
Construction and Structures 1  
Building Materials Science  
Technology Projects 1  
Contract Administration 1  
Information Systems for Construction  
Construction Finance  
Project Management 1

#### Level 2

Construction and Structures 2  
Building Environmental Studies 1  
Technology Projects 2  
Contract Administration 2  
Building Economics  
Measurement and Estimating 1  
Project Management 2

#### Level 3

Construction Planning and Scheduling  
Service Delivery Management  
Facilities Procurement and Sourcing  
Improving Facilities Performance  
Managing Complex Projects  
Managing Operational Risk  
Strategic Facilities Management  
Construction and Structures 3  
Measurement and Estimating 2

### BACHELOR OF FACILITIES MANAGEMENT (HONOURS)

Course code S348, 8 credit points  
FT1 PTE honours year

#### Level 4/5

Honours Thesis A  
Honours Thesis B (2cp)  
Contract Administration 3  
Building Project Evaluation  
Research Methods Seminar  
Professional Practice  
Built Environment Integrated Project (capstone)

### BACHELOR OF CONSTRUCTION MANAGEMENT

Course code S346, 32 credit points  
FT4 PTE 3-yr accelerated program available

#### Level 1

Construction and Structures 1  
Building Materials Science  
Technology Projects 1  
Contract Administration 1  
Information Systems for Construction  
Construction Finance  
Project Management 1  
Unspecified Elective

#### Level 2

Construction and Structures 2  
Building Environmental Studies 1  
Technology Projects 2  
Contract Administration 2  
Building Economics  
Measurement and Estimating 1  
Project Management 2  
Unspecified Elective

#### Level 3

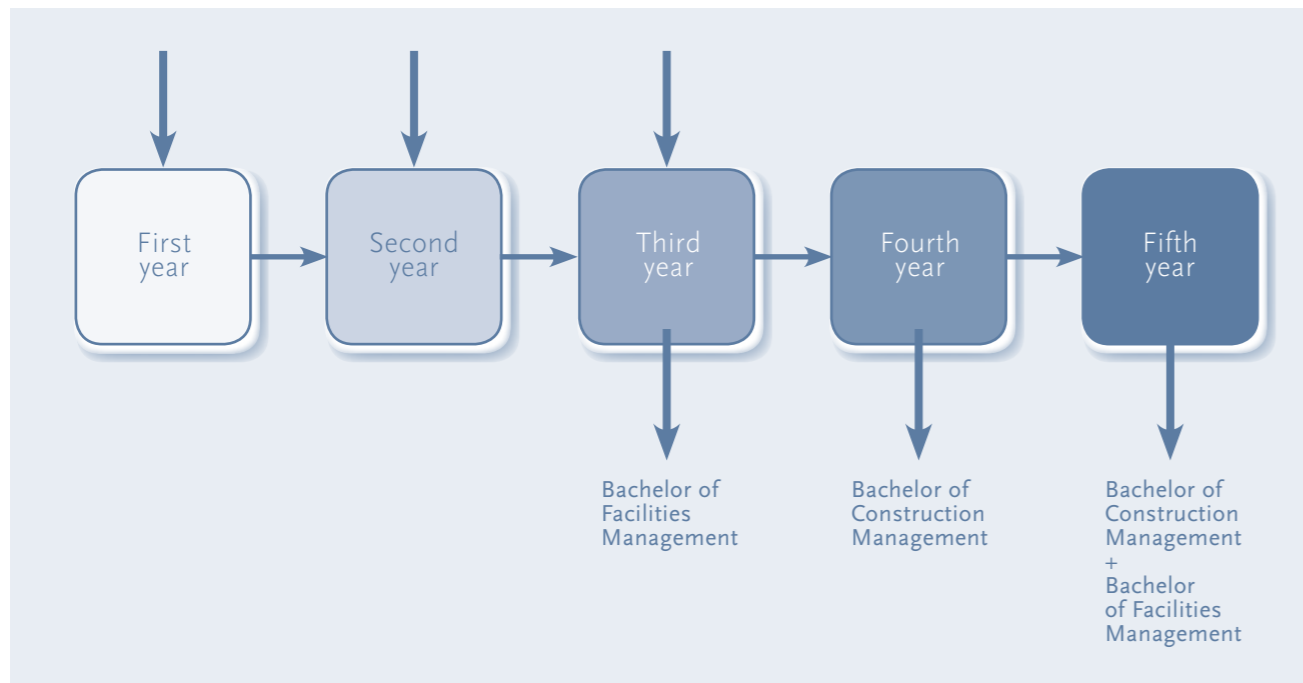
Construction Planning and Scheduling  
Project Management 3  
Construction and Structures 3  
Building Environmental Services  
Measurement and Estimating 2  
Measurement and Estimating 3  
Unspecified Elective

#### Level 4/5 (pass stream)

Building Research Project  
Contract Administration 3  
Building Project Evaluation  
Research Methods Seminar  
Professional Practice  
Built Environment Integrated Project  
Unspecified Electives (3cp)

#### Level 4/5 (honours stream)

Honours Thesis A  
Honours Thesis B (2cp)  
Contract Administration 3  
Building Project Evaluation  
Research Methods Seminar  
Professional Practice  
Built Environment Integrated Project (capstone)



NOTE all courses are offered at the Geelong Waterfront campus

FT = full time (e.g. FT5 = full time, 5 years)  
PTE = part time equivalent

\* may be exempted if previous relevant experience is demonstrated

## WHERE DO OUR GRADUATES GO?

**CONSTRUCTION MANAGEMENT (CM)** is a well-established and respected degree that prepares graduates for a challenging career in the delivery of complex physical infrastructure within time, cost and quality objectives, including integral and accredited specialisations in quantity surveying and building surveying.

CM is a global profession with clear opportunities to travel and work overseas. Graduates typically find employment as project managers for large contracting organisations or as quantity or building surveying consultants. Salaries are high, with 100% of Deakin graduates over the last 8 years finding relevant employment in their first year out (Graduate Destination Surveys 1998–2005).

Construction managers are not site operatives, but are nevertheless often found on building sites. They manage site operatives and ensure that client objectives, profit targets and occupational health and safety requirements are fulfilled. This requires knowledge of human resource management, commerce, law, contract administration, industrial relations, estimating and financial risk, technology, computing, and environmental sustainability—and how they interact.

**FACILITIES MANAGEMENT (FM)** is a next-generation degree for the Australian property industry, so not surprisingly Deakin University is leading the way by introducing courses that are job-ready, practical and responsive to industry need. Graduates from a number of disciplines (including business management) can enter directly into third year and exit with the Bachelor of Facilities Management in just nine months on campus. FM can also be studied later as a second qualification following completion of a construction or business management degree.

FM is also a global profession and graduates are able to work internationally in a diverse range of fields including development management, construction project management, corporate real estate, strategic planning, space management, and workplace logistics. Well-paid jobs await those with organisational abilities and a passion for the built environment.

Facilities are second only to human resources as the largest 'asset' for an organisation, and the role of the facilities manager is to ensure that the physical infrastructure is strategically aligned to the organisation's core business—incorporating financial, social and environmental objectives over the entire life cycle of property investment and ownership. The role is becoming critical as built infrastructure increases in complexity and value and has more pervasive social impact, such as use of natural resources.

**INFRASTRUCTURE LOGISTICS** As a graduate of the combined degree (CM+FM) you can move seamlessly between new project developments and refurbishment or facilities planning work as opportunities and demand may dictate. This exceptional program is offered only by Deakin University.



## FREQUENTLY ASKED QUESTIONS

### AUSTRALIAN AND NEW ZEALAND STUDENTS

#### WHAT ARE THE PREREQUISITES?

Units 3 and 4 – a study score of at least 20 in English (any).

#### HOW DO I APPLY?

Current Year 12 students must apply through VTAC and are assessed purely on their ENTER score. [www.vtac.edu.au](http://www.vtac.edu.au)

Non-Year 12 applicants must complete and submit a School of Architecture and Building Personal Particulars form. The form can be found at [www.deakin.edu.au/scitech/a+b](http://www.deakin.edu.au/scitech/a+b) or can be requested by phoning 03 5227 8300.

#### WHAT IS A COMMONWEALTH SUPPORTED PLACE?

A Commonwealth supported place (CSP) is one for which the government pays a proportion of the tuition costs and the student funds the balance. For eligible students, loans may be obtained via the Higher Education Contribution Scheme—Higher Education Loan Program (HECS-HELP) to pay for all or part of the contribution. Repayments are made through the Australian taxation system once annual income exceeds the minimum threshold for repayment. Alternatively, eligible students can pay their contribution upfront and receive a discount.

#### WHAT IS A FEE-PAYING PLACE?

A fee-paying place (FPP) is one that does not receive government funding, so students pay the full cost of their course. However, since the introduction of FEE-HELP, which is similar to HECS-HELP, students may be eligible to defer repayments through the Australian taxation system.

#### WHAT ARE GUARANTEED AND CLEARLY-IN ENTERS?

A Guaranteed ENTER is the ENTER above which you are guaranteed to be offered a FPP in a particular course. A Clearly-in ENTER is the ENTER most applicants need to be offered a CSP in a particular course. Guaranteed ENTERs are normally set below the anticipated Clearly-In ENTERs.

#### CAN I APPLY FOR A SCHOLARSHIP?

Deakin offers a variety of undergraduate scholarships to help support students financially during their studies. [www.deakin.edu.au/scholarships](http://www.deakin.edu.au/scholarships)

For opportunities to work and study concurrently, including CSP-paid cadetships, refer to the School's website at [www.deakin.edu.au/a+b](http://www.deakin.edu.au/a+b).

#### CAN I VISIT THE CAMPUS?

For information about Open Day at the Geelong Waterfront campus, go to [www.deakin.edu.au/penday](http://www.deakin.edu.au/penday).

### INTERNATIONAL STUDENTS

#### WHAT ARE THE ADMISSION REQUIREMENTS?

##### Academic admission requirements:

Australian year 12 or equivalent overseas qualification with a grade point average (GPA) of 65% or more. Refer to the Admission Requirements table in the Undergraduate Studies Course Guide for International Students.

##### English language admission requirements:

IELTS score of 6 or equivalent. Refer to [www.deakin.edu.au/international](http://www.deakin.edu.au/international) for more information on Deakin's Undergraduate English language policy.

#### HOW DO I APPLY?

Applying online:

- Go to [www.deakin.edu.au/international](http://www.deakin.edu.au/international) and follow the instructions.
- Online application allows you to track the progress of your application.
- After you have completed your online application, you will need to send certified/notarised evidence of all academic qualifications and English language proficiency if English is not your first language.

Applying by mail/fax or through a representative:

- You can also apply by using the application forms in the back of Deakin's International Postgraduate and Undergraduate Course Guides, or by downloading forms off the web.

#### HOW MUCH WILL IT COST?

Students should refer to [www.deakin.edu.au/international](http://www.deakin.edu.au/international) for full fees information, including the fee and refund policy.

#### HOW WILL I KNOW IF I AM ELIGIBLE?

If you are eligible you will receive an offer letter, which may be conditional or unconditional. This letter will also include information on tuition fees, general service fees and overseas student health cover.

If you receive a conditional offer, you must fulfil the conditions outlined in the offer letter (such as undertaking an English language course or showing original documents). You will then receive an unconditional offer.

Once you are made an unconditional offer, you have met all the entry requirements, but you must bring original documentation relating to your previous study with you to enrolment.

When you receive your offer letter you will also be provided with an offer pack, which outlines the process for acceptance and the steps you need to take before coming to Australia.

#### HOW DO I FIND OUT MORE?

Contact:

Deakin International  
Phone + 613 9244 5095  
Fax + 613 9244 5094  
Email [deakin-international@deakin.edu.au](mailto:deakin-international@deakin.edu.au)  
[www.deakin.edu.au/international](http://www.deakin.edu.au/international)

**more information**  
GEELONG WATERFRONT CAMPUS +613 5227 8300 | [ab-info@deakin.edu.au](mailto:ab-info@deakin.edu.au)  
[www.deakin.edu.au/a+b](http://www.deakin.edu.au/a+b)

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For the most up to date information please visit our website at [www.deakin.edu.au](http://www.deakin.edu.au).

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