

# ARCHITECTURE + CONSTRUCTION MGT

## KEY

- 3** Course duration
- G** Geelong Campus at Waurn Ponds
- F** Geelong Waterfront Campus
- B** Melbourne Campus at Burwood
- W** Warrnambool Campus
- X** Off campus

## BACHELOR OF DESIGN (ARCHITECTURE)

**3 F** Course code: S342

The Bachelor of Design (Architecture) course explores architectural ideas, history, philosophy, design, sustainability and communication together with building science and technology. The course is designed to meet the needs of students who ultimately intend to complete the Master of Architecture S700 and practise architecture, but alternative units may be taken by those students who wish to pursue different career directions. Students enjoy a course with a global perspective, input from cutting edge research in built environment design and maximum flexibility for creative work through 24-hour a day, 7 days a week access to the vibrant new 1050 square metre studio.

This program is accredited by the Royal Australian Institute of Architects, the Architects Registration Board of Victoria and the Architects Accreditation Council of Australia, when followed by the Master of Architecture, S700.

### CAREER OPPORTUNITIES

You may be employed in private architectural practices, government organisations and private companies in property development, building, banking and manufacturing, as well as your own practice.

### COURSE STRUCTURE

#### Level 1

##### Semester 1

SRA143 Art and Society  
SRC163 Graphic and Coded Communication 1  
SRD163 Architecture Design 1A  
SRT153 Building Materials Science

##### Semester 2

SRA144 Emergence of Modernism  
SRD164 Architecture Design 1B  
SRT151 Construction and Structures 1  
SRT159 Technology Projects 1

#### Level 2

##### Semester 1

SRA215 Utopian Ideals in the Modern World  
SRC221 Computer Aided Modelling  
SRD263 Architecture Design 2A  
SRT251 Construction and Structures 2

##### Semester 2

SRA216 Australian Perspectives  
SRD264 Architecture Design 2B  
SRT257 Building Environmental Studies 1  
*plus one elective unit*

#### Level 3

##### Semester 1

SRD363 Architecture Design 3A  
SRT357 Building Environmental Studies 2  
SRT358 Building Environmental Services  
SRC362 Project Documentation

##### Semester 2

SRA341 The City (online)  
SRD364 Architecture Design 3B  
SRT351 Construction and Structures 3  
*plus one elective unit*

## MASTER OF ARCHITECTURE

**2 F** Course code: S700

*Admission requirements: Applicants will normally have successfully completed an accredited undergraduate program comprising at least three years of study in the area.*

The Master of Architecture degree is designed to allow students with a three-year undergraduate degree in architecture to complete the final units required for professional accreditation and registration as an architect.

Through your choice of elective units, you may specialise in any of the following areas:

- » Architecture Design
- » Urban Design
- » Architectural Communication
- » History/Theory

### COURSE STRUCTURE

You must complete 16 credit points of study (two years of full-time study or part-time equivalent).

#### Coursework units

SRD763 Designing Urban Environments B (F)\*  
SRD764 Designing Urban Environments C (F)\*  
SRD765 Architecture Design Masterclass A (F) (2 credit points)\*  
SRM750 Architectural Practice (F)\*  
SRM770 International Architecture Practice (F)\*  
SRR782 Research Methodology (F, X)\*  
SRR701 Thesis A (F, X)\*  
SRA723 Contemporary Architecture (F, X)  
SRA724 Asian Architecture (F, X)  
SRA742 Urban Perspectives (F, X)  
SRA743 Trans-National Mega Projects  
SRC720 Parametric Modelling (F) (2 credit points)  
SRC731 Extreme Design Realisation (F)  
SRC767 Information Transfer By Design (F)  
SRD761 Designing Urban Environments A (F)  
SRD762 Interdisciplinary Planning and Design (F)  
SRD766 Architecture Design Masterclass B (F) (2 credit points)  
SRM781 Managing Change and Innovation  
SRR702 Thesis B (F, X) (3 credit points)  
SRT750 Sustainable Futures (F)

or

You may select 11 credit points of coursework units followed by:  
SRR782 Research Methodology  
SRR701 Thesis A  
SRR702 Thesis B (3 credit points)

### DETAILS OF SPECIALISATIONS

#### Architecture Design

SRD765 Architecture Design Masterclass A (F) (2 credit points)  
SRD766 Architecture Design Masterclass B (F) (2 credit points)

#### Urban Design

SRM781 Managing Change and Innovation  
SRD762 Interdisciplinary Planning and Design (F)  
SRD763 Designing Urban Environments B (F)  
SRD764 Designing Urban Environments C (F)

#### Architectural Communication

SRC720 Parametric Modelling (F) (2 credit points)  
SRC731 Extreme Design Realisation (F)  
SRC767 Information Transfer by Design (F)

#### History/Theory

SRA723 Contemporary Architecture (F, X)  
SRA724 Asian Architecture (F, X)

\* Units required for Architects Registration Board of Victoria/Royal Australian Institute of Architects



Chris enjoyed the practical focus of the course, the camaraderie between students and the accessibility and genuine interest of the lecturers, most of whom juggled their academic life with work in the industry.

'For every dot point in a PowerPoint presentation, the lecturers could give a practical example drawn from their own experience.'

**CHRIS WALKER**  
BACHELOR OF CONSTRUCTION MANAGEMENT

## BACHELOR OF CONSTRUCTION MANAGEMENT

**4 F** Course code: S346

The course offers an excellent mix of hands-on practice and theory covering all aspects of the property life cycle with study areas including building economics and law, project management, building technology, measurement and estimation, quantity surveying, building surveying and building practice.

This in-demand course is accredited by the Australian Institute of Building (AIB), the Australian Institute of Quantity Surveyors (AIQS), the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB).

Construction Management at Deakin is one of an elite group of courses in Australia which has achieved the prestigious international accreditation of the Royal Institution of Chartered Surveyors (RICS) (UK).

Accelerated programs are available, which allow the four-year course to be completed in three years. You can choose to study summer semester units, some of which are offered online, allowing you to continue to study from home. Graduates are highly sought after by industry and are well rewarded.

### CAREER OPPORTUNITIES

There is a high demand for graduates in the workplace. You could find employment as a construction manager, estimator, construction cost consultant, planner and quantity surveyor in a building company or sub-contracting organisation.

### COURSE STRUCTURE

#### Level 1

*Semester 1*  
SRM165 Information Systems in Construction  
SRM181 Project Management 1  
SRT153 Building Materials Science  
*plus one elective unit*

*Semester 2*  
SRE170 Construction Finance  
SRT151 Construction and Structures 1  
SRT159 Technology Projects 1  
SRT257 Building Environmental Studies 1

#### Level 2

*Semester 1*  
SRE272 Measurement and Estimating 1  
SRM161 Contract Administration 1  
SRT251 Construction and Structures 2  
*plus one elective unit*

*Semester 2*  
SRE372 Measurement and Estimating 2  
SRM261 Contract Administration 2  
SRT351 Construction and Structures 3  
SRT259 Technology Projects 2

#### Level 3

*Semester 1*  
SRE270 Building Economics  
SRE373 Measurement and Estimating 3  
SRM281 Project Management 2  
SRT358 Building Environmental Services

*Semester 2*  
SRM310 Construction Planning and Scheduling (online)  
SRM381 Project Management 3  
SRQ462 Building Cost Planning (F, X)  
*plus one elective unit*

#### Level 4

*Semester 1*  
SRM461 Contract Administration 3  
SRM489 Professional Practice  
*plus two elective units*

*Semester 2*  
SRE464 Building Project Evaluation (F, X)  
SRV599 Built Environment Integrated Project  
SRR491 Building Research Project  
*plus one elective unit*

## BACHELOR OF CONSTRUCTION MANAGEMENT: AS AN ACCELERATED PROGRAM

The Bachelor of Construction Management may be taken as an accelerated program. By taking selected units in summer the course can be completed in three years. Students enrol in the same course and course code as the normal program, and entirely at their option, enrol in the units offered each summer.

### COURSE STRUCTURE

#### Level 1

*Semester 1*  
SRM161 Contract Administration 1  
SRM165 Information Systems in Construction  
SRT153 Building Materials Science  
*plus one elective unit*

*Semester 2*  
SRE170 Construction Finance  
SRT151 Construction and Structures 1  
SRT257 Building Environmental Studies 1  
SRT159 Technology Projects 1

*Summer semester*  
SRE270 Building Economics (X)  
SRM181 Project Management 1 (online)  
*plus one elective unit*

#### Level 2

*Semester 1*  
SRE272 Measurement and Estimating 1  
SRM281 Project Management 2  
SRT251 Construction and Structures 2  
SRT358 Building Environmental Services

*Semester 2*  
SRE372 Measurement and Estimating 2  
SRM261 Contract Administration 2  
SRT259 Technology Projects 2  
SRT351 Construction and Structures 3

#### Level 3

*Semester 1*  
SRM281 Project Management 2  
SRD363 Architecture Design 3A  
SRE272 Measurement and Estimating  
SRM161 Contract Administration 1

*Semester 2*  
SRT351 Construction and Structures 3  
SRD364 Architecture Design 3B  
SRE372 Measurement and Estimating 2  
SRM261 Contract Administration 2

*Summer semester*  
SRM381 Project Management 3  
SRM310 Construction Planning and Scheduling (online)  
SRE373 Measurement and Estimating 3

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**Level 4**
*Semester 1*

SRT357 Building Environmental Studies 2  
 SRM461 Contract Administration 3  
 SRC362 Project Documentation  
 SRM489 Professional Practice

*Semester 2*

SRV599 Built Environment Integrated Project  
 SRT259 Technology Projects 2  
 SRA341 The City (online)  
 SRE464 Building Project Evaluation

*Summer semester*

SRQ462 Building Cost Planning  
 SRR491 Building Research Project

**BACHELOR OF DESIGN (ARCHITECTURE)/  
BACHELOR OF CONSTRUCTION MANAGEMENT**

**5** **F** Course code: D364

This innovative combined course is accredited by the Australian Institute of Building (AIB), the Australian Institute of Quantity Surveyors (AIQS), the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB).

This program is also accredited by the Royal Australian Institute of Architects, the Architects Registration Board of Victoria and the Architects Accreditation Council of Australia, when followed by the Master of Architecture, S700, or the Master of Architecture (Design), S701.

You will graduate with both Design (Architecture) and Construction Management degrees. The Construction Management degree is one of only three in Australia to achieve the prestigious RICS accreditation.

Accelerated programs are available, which allow the five-year course to be completed in four years. You can choose to study summer semester units, some of which are offered online, allowing you to continue to study from home.

**CAREER OPPORTUNITIES**

Deakin graduates are highly regarded and are readily accepted into the architecture and building industry. When followed by the Master of Architecture or the Master of Architecture (Design) this combined course facilitates your entry into private architectural firms or government organisations, as well as property development companies, building companies and large manufacturing firms. You may also start your own practice.

**COURSE STRUCTURE**
**Level 1**
*Semester 1*

SRA143 Art and Society  
 SRC163 Graphic and Coded Communication 1  
 SRD163 Architecture Design 1A  
 SRT153 Building Materials Science

*Semester 2*

SRA144 Emergence of Modernism  
 SRD164 Architecture Design 1B  
 SRT151 Construction and Structures 1  
 SRT159 Technology Projects 1

**Level 2**
*Semester 1*

SRA215 Utopian Ideals in the Modern World  
 SRC221 Computer Aided Modelling  
 SRD263 Architecture Design 2A  
 SRT251 Construction and Structures 2

*Semester 2*

SRA216 Australian Perspectives  
 SRD264 Architecture Design 2B  
 SRT257 Building Environmental Studies 1  
 SRT259 Technology Projects 2

**Level 3**
*Semester 1*

SRC362 Project Documentation  
 SRM181 Project Management 1  
 SRT357 Building Environmental Studies 2  
 SRD363 Architecture Design 3A

*Semester 2*

SRA341 The City (online)  
 SRD364 Architecture Design 3B  
 SRE170 Construction Finance  
 SRT351 Construction and Structures 3

**Level 4**
*Semester 1*

SRE270 Building Economics  
 SRE272 Measurement and Estimating 1  
 SRM161 Contract Administration 1  
 SRM281 Project Management 2

*Semester 2*

SRE372 Measurement and Estimating 2  
 SRM261 Contract Administration 2  
 SRM381 Project Management 3  
 SRM310 Construction Planning and Scheduling

**Level 5**
*Semester 1*

SRM489 Professional Practice  
 SRM461 Contract Administration 3  
 SRE373 Measurement and Estimating 3  
 SRT358 Building Environmental Services

*Semester 2*

SRE464 Building Project Evaluation  
 SRR491 Building Research Project  
 SRV599 Building Environment Integrated Project  
 SRQ462 Building Cost Planning

**BACHELOR OF DESIGN (ARCHITECTURE)/BACHELOR OF CONSTRUCTION MANAGEMENT: (ACCELERATED PROGRAM)**

The Bachelor of Architecture/Bachelor of Construction Management may be taken as an accelerated program. By taking selected units in summer the course can be completed in four years. Students enrol in the same course and course code as the normal program, and entirely at their option, enrol in the units offered each summer.

**COURSE STRUCTURE**
**Level 1**
*Semester 1*

SRA143 Art and Society  
 SRC163 Graphic and Coded Communication 1  
 SRD163 Architecture Design 1A  
 SRT153 Building Materials Science

*Semester 2*

SRA144 Emergence of Modernism  
 SRD164 Architecture Design 1B  
 SRT151 Construction and Structures 1  
 SRT159 Technology Projects 1



**Level 2**

*Semester 1*

- SRA215 Utopian Ideals in the Modern World
- SRC221 Computer Aided Modelling
- SRD263 Architecture Design 2A
- SRT251 Construction and Structures 2

*Semester 2*

- SRA216 Australian Perspectives
- SRD264 Architecture Design 2B
- SRT257 Building Environmental Studies 1
- SRE170 Construction Finance

*Summer semester*

- SRT358 Building Environmental Services
- SRE270 Building Economics
- SRM181 Project Management 1

**Level 3**

*Semester 1*

- SRM281 Project Management 2
- SRD363 Architecture Design 3A
- SRE272 Measurement and Estimating 1
- SRM161 Contract Administration 1

*Semester 2*

- SRT351 Construction and Structures 3
- SRD364 Architecture Design 3B
- SRE372 Measurement and Estimating 2
- SRM261 Contract Administration 2

*Summer semester*

- SRM381 Project Management 3
- SRM310 Construction Planning and Scheduling
- SRE373 Measurement and Estimating 3

**Level 4**

*Semester 1*

- SRT357 Building Environmental Studies 2
- SRM461 Contract Administration 3
- SRC362 Project Documentation
- SRM489 Professional Practice

*Semester 2*

- SRV599 Built Environment Integrated Project
- SRT259 Technology Projects 2
- SRA341 The City
- SRE464 Building Project Evaluation

*Summer semester*

- SRQ462 Building Cost Planning
- SRR491 Building Research Project

**MASTER OF ARCHITECTURE (DESIGN)**

**1 F** Course code: S701

*Admission requirements: The Master of Architecture (Design) is available to students who have completed an accredited four year program in Architecture or to qualified practising architects who may wish to upgrade their qualifications.*

The Master of Architecture (Design) gives you a specialist education, building upon an established background in sustainable built environment studies and offers advanced studies in cultural, technological, design aesthetic and theoretical knowledge and develops the ethical, evaluative and research frameworks which underpin the architecture field.

**SPECIALISATIONS**

You undertake specific units in order to achieve one of the following specialisations:

- » Architecture Design
- » Urban Design
- » Architectural Communication
- » History/Theory

**COURSE STRUCTURE**

Students select 8 credit points from the following list of coursework units:

- SRD763 Designing Urban Environments B (F)\*
- SRD764 Designing Urban Environments C (F)\*
- SRD765 Architecture Design Masterclass A (F) (2 credit points)\*
- SRM750 Architectural Practice (F)\*
- SRM770 International Architecture Practice (F)\*
- SRR782 Research Methodology (F, X)\*
- SRR701 Thesis A (F, X)\*
- SRA723 Contemporary Architecture (F, X)
- SRA724 Asian Architecture (F, X)
- SRA742 Urban Perspectives (F, X)
- SRA743 Trans-National Mega Projects
- SRC720 Parametric Modelling (F) (2 credit points)
- SRC731 Extreme Design Realisation (F)
- SRC767 Information Transfer By Design (F)
- SRD761 Designing Urban Environments A (F)
- SRD762 Interdisciplinary Planning and Design (F)
- SRD766 Architecture Design Masterclass B (F) (2 credit points)
- SRM781 Managing Change and Innovation
- SRR702 Thesis B (F, X) (3 credit points)
- SRT750 Sustainable Futures (F)

or

You may select 3 credit points of coursework units from the list above followed by:  
 SRR782 Research Methodology  
 SRR701 Thesis A  
 SRR702 Thesis B (3 credit points).

**DETAILS OF SPECIALISATIONS**

**Architecture Design**

- SRD765 Architecture Design Masterclass A (F) (2 credit points)
- SRD766 Architecture Design Masterclass B (F) (2 credit points)

**Urban Design**

- SRM781 Managing Change and Innovation
- SRD762 Interdisciplinary Planning and Design (F)
- SRD763 Designing Urban Environments B (F)
- SRD764 Designing Urban Environments C (F)

**Architectural Communication**

- SRC720 Parametric Modelling (F) (2 credit points)
- SRC731 Extreme Design Realisation (F)
- SRC767 Information Transfer By Design (F)

**History/Theory**

- SRA723 Contemporary Architecture (F, X)
- SRA724 Asian Architecture (F, X)

\* Units required for registration with the Architects Registration Board of Victoria/Royal Australian Institute of Architects.

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## BACHELOR OF CONSTRUCTION MANAGEMENT/ BACHELOR OF FACILITIES MANAGEMENT

**5** **F** Course code: D365

This is the first and only undergraduate facilities management course in Australia. Combined with the highly sought after construction management program, it provides graduates with even more options on completion, including a career in infrastructure logistics. The increasing demand to get the most out of Australia's stock of major buildings has led to the development of this innovative new program.

The combined course is accredited by the Australian Institute of Building (AIB), the Australian Institute of Quantity Surveyors (AIQS), and the Chartered Institute of Building (CIOB). It also has dual accreditation for construction management/quantity surveying and building surveying from the Royal Institution of Chartered Surveyors (RICS) (UK).

### CAREER OPPORTUNITIES

Graduates will move seamlessly between new projects and refurbishment or facilities planning work as opportunities and demand may dictate.

### COURSE STRUCTURE

You must complete 40 credit points of study during five years of full-time study, or the part-time equivalent. Alternatively, you may exit after completing 24 credit points, with a Bachelor of Facilities Management.

#### Level 1

SRT153 Building Materials Science  
SRM181 Project Management 1  
SRM165 Information Systems in Construction  
SRT141 Building Safety  
SRT151 Construction and Structures 1  
SRE170 Construction Finance  
SRT257 Building Environmental Studies 1  
SRT159 Technology Projects 1

#### Level 2

SRT251 Construction and Structures 2  
SRE272 Measurement and Estimating 1  
SRM161 Contract Administration 1  
SRM281 Project Management 2  
SRT351 Construction and Structures 3  
SRE372 Measurement and Estimating 2  
SRM261 Contract Administration 2  
SRT259 Technology Projects 2

#### Level 3

SRF311 Service Delivery Management  
SRF312 Facilities Procurement and Sourcing  
SRF313 Improving Facilities Performance  
SRE270 Building Economics  
SRF321 Managing Complex Projects  
SRF322 Managing Operational Risk  
SRF323 Strategic Facilities Management  
SRM310 Construction Planning and Scheduling (online)

#### Level 4

SRT358 Building Environmental Services  
SRE373 Measurement and Estimating 3  
SRM461 Contract Administration 3  
SRM489 Professional Practice  
SRV599 Built Environment Integrated Project  
SRQ462 Building Cost Planning  
SRT359 Technology Projects 3  
SRE464 Building Project Evaluation

#### Level 5

SRR401 Honours Thesis A  
SRR481 Research Methods Seminar  
SRM448 Industry Placement A (X)  
SRR402 Honours Thesis B  
SRM449 Industry Placement B (X)

## BACHELOR OF FACILITIES MANAGEMENT (HONOURS)

**1** **F** Course code: S447, 8 credit points

Additional admission requirements: Students seeking entry into the Bachelor of Facilities Management (Honours) program will need to have completed the Bachelor of Facilities Management with an average mark of 65 per cent or higher in their best six core units undertaken at Level 3, or equivalent.

## MORE INFORMATION ON ARCHITECTURE AND CONSTRUCTION MANAGEMENT

Deakin Architecture and Built Environment brochure

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[www.deakin.edu.au/scitech/a+b](http://www.deakin.edu.au/scitech/a+b)

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