

AIQS ACCREDITED PROGRAM GUIDE

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INTRODUCTION

The AIQS Accredited Program Guide lists the qualifications which are accredited by the Australian Institute of Quantity Surveyors (AIQS). Graduates of the degrees listed in this publication are eligible for membership of the Australian Institute of Quantity Surveyors. Both currently intaking undergraduate and postgraduate degrees are listed.

Graduates from previously accredited programs can confirm with the AIQS if their program is not currently listed in the AIQS Accredited Program Guide.

Students should also read the AIQS Conditions of Membership as it is a requirement of membership that a period of work experience as a Quantity Surveyor is completed prior to being eligible for corporate membership of the AIQS.

Because of the diversity of Australian institutions and the differing interpretations of industry and educational needs, there can be significant variance between programs offered to students in each state. Students should consult each institution to determine the appropriate program for their requirements.

UNDERGRADUATE DEGREES

AUSTRALIAN CAPITAL TERRITORY (ACT)

UNIVERSITY OF CANBERRA

www.canberra.edu.au

BACHELOR OF BUILDING AND CONSTRUCTION MANAGEMENT (HONOURS)

If you're keen to become an accomplished professional in the building industry, the Bachelor of Building and Construction Management (Honours) will equip you with the necessary skills to become a confident leader learning management and supervision techniques while developing detailed knowledge of building processes and materials. This expertise, together with real-world negotiation, presentation and communication skills, will prepare you for a career in Building and Construction Management within a variety of practice settings.

The program includes studies in management and construction, material and structures laboratories, information technology in building (including BIM), quantity surveying, and work-integrated learning practice over four years. The degree has an embedded honours component which prepares students to develop advanced knowledge and skills for professional work, critical thinking and further learning corresponding to AQF Level 8 qualifications.

Program length if taken full-time	4 years
Contact	Dr Hamed Golzad E: hamed.golzad@canberra.edu.au T: +61 2 6201 2757

NEW SOUTH WALES (NSW)

UNIVERSITY OF NEW SOUTH WALES

www.unsw.edu.au

BACHELOR OF CONSTRUCTION MANAGEMENT AND PROPERTY BACHELOR OF CONSTRUCTION MANAGEMENT AND PROPERTY (HONOURS)

The Bachelor of Construction Management and Property focuses on people and process management within the specific contexts of building construction, property development, quantity surveying and facilities management. Management skills developed include planning, risk assessment, occupational health and safety, property management and organisational behavior.

The program provides solid grounding in the many construction techniques and building materials that constitute the built environment. Courses cover all major building types and examine areas such as building services, structures, finishes and temporary structures in specific detail.

Program length if taken full-time	3 years 4 years (with honours)
Contact	Chyi Lin Lee E: chyilin.lee@unsw.edu.au T: +61 2 9385 7358

UNIVERSITY OF NEWCASTLE

www.newcastle.edu.au

BACHELOR OF CONSTRUCTION MANAGEMENT (BUILDING) (HONOURS)

Students will develop a holistic view of the construction project environment through problem-based learning and reflective professional practice using real world situations faced by construction, quantity and building surveying professionals. The Bachelor of Construction Management (Building) (Honours) assists students to develop skills to monitor and control the technical process of construction, as well as manage the legal and financial aspects of the building industry.

Program length if taken full-time	4 years
Campus/Delivery	This program is offered on-campus at Callaghan or by distance and in Singapore
Contact	Cameron Beard E: cameron.beard@newcastle.edu.au T: +61 2 4055 3428

UNIVERSITY OF TECHNOLOGY SYDNEY

www.uts.edu.au

BACHELOR OF CONSTRUCTION PROJECT MANAGEMENT

BACHELOR OF CONSTRUCTION PROJECT MANAGEMENT/BACHELOR OF INTERNATIONAL STUDIES

The Bachelor of Construction Project Management provides a comprehensive construction education. This unique degree provides graduates with the broader skills and knowledge base required to meet the changing demands of the construction, infrastructure and related industries. This program is concerned with the management of all aspects of the construction process, including business management, construction management, design management, project management, quantity surveying, contract administration and property development. It delivers all the recognised competencies for construction project management professionals while introducing the prospect of diversifying into project management. Students deal with real life examples and case studies that facilitate the application of theory in a way that is practical and relevant.

Program length if taken full-time	4 years
Campus/Delivery	City Campus
Contact	Dr Peter Smith E: Peter.Smith@uts.edu.au T: +61 2 9514 8732

WESTERN SYDNEY UNIVERSITY

www.westernsydney.edu.au

BACHELOR OF CONSTRUCTION MANAGEMENT (HONOURS) (MAJORING IN QUANTITY SURVEYING)

This program will graduate students with the skills necessary to perform competently at a professional level in the building industry. Students will develop specialised skills in four concentrated areas alongside a broad-based view of the construction industry and its operations. The four concentrated areas relating to the delivery of construction projects are construction technology; construction economics; construction law; and construction resource management.

The honours component of this program develops higher level research skills as students engage in research to make evidence-based decisions to address real world industry problems. Students complete 1,200 hours of approved, mandatory practical experience providing them with essential work-ready skills for a range of roles in construction management.

To assist students to flexibly build their career pathways in construction management students can choose eight elective subjects in order to complete a major in 'quantity surveying', 'building surveying' or 'building,' leading to specific careers either in professional consulting, building control or construction contracting, respectively. Students must major in 'quantity surveying' to have completed an AIQS accredited program.

Program length if taken full-time	4 years
Campus/Delivery	On campus (Penrith or Parramatta)
Contact	A/Prof. Yingbin Feng E: y.feng@westernsydney.edu.au T: +61 2 4736 0468

QUEENSLAND (QLD)

BOND UNIVERSITY

www.bond.edu.au

BACHELOR OF CONSTRUCTION MANAGEMENT AND QUANTITY SURVEYING

The Bachelor of Construction Management and Quantity Surveying covers a comprehensive range of subjects in the fields of construction management and quantity surveying, focusing on the management and delivery of complex construction projects. The curriculum addresses a range of topics including construction technology, construction techniques, plant and equipment, site management, contract administration, building measurement, planning processes and risks. The program also meets the educational requirements of the Queensland Building and Construction Commission (QBCC) for attainment of an Open Builders License.

Program length if taken full-time	6 trimesters (can be completed within 2 years)
Campus/Delivery	On-campus
Contact	Associate Professor Dane Miller E: dmiller@bond.edu.au T: +61 7 5595 2189

QUEENSLAND UNIVERSITY OF TECHNOLOGY

www.qut.edu.au

BACHELOR OF BUILT ENVIRONMENT (HONOURS) (CONSTRUCTION MANAGEMENT & QUANTITY SURVEYING)

The program prepares students to work as quantity surveyors, estimators, construction managers, project managers, contract administrators, building economists, etc. The program covers building measurement and estimating, cost planning and controls, sustainability and design thinking, structures, small scale/low-rise and high-rise construction, construction business and legislation, building services, contract administration, programming and scheduling, advanced concepts of quantity surveying, and gaining an understanding of strategic construction management.

BACHELOR OF URBAN DEVELOPMENT (HONOURS) (QUANTITY SURVEYING AND COST ENGINEERING)

The program prepares students to work as quantity surveyors, building economists or cost engineers. The program covers building and heavy engineering project management, cost planning and control, building development techniques, building research, computer software application, measurement of construction and legal issues. The Quantity Surveying and Cost Engineering graduates enjoy extremely high rates of employment.

Program length if taken full-time	4 years
Campus/Delivery	On campus (Gardens Point)
Contact	Carol Hon E: carol.hon@qut.edu.au T: +61 7 3138 0860

VICTORIA (VIC)

DEAKIN UNIVERSITY

www.deakin.edu.au

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

Deakin's Bachelor of Design (Architecture)/Bachelor of Construction Management (Honours) ensures that you graduate with both architecture and construction management specialisations. This combined program offers a mix of hands-on practice and theory, with study areas including building economics and law, project management, building technology, measurement and estimation, quantity surveying, building practice, design, architectural ideas, history, philosophy, sustainable practices and communication.

BACHELOR OF CONSTRUCTION MANAGEMENT (HONOURS)

Deakin's Bachelor of Construction Management (Honours) is offered to students wishing to gain employment in management positions in construction and allied industries in Australia and overseas. You will be provided with an excellent mix of hands-on practice and theory and integrated studies in technology and building management, including building economics and law, project management, building technology, measurement and estimation, quantity surveying, building surveying and building practice. The program develops progressively from the elementary concepts underlying planning and management of building production and technical studies through to the complexities and interrelationships of modern construction practices.

Program length if taken full-time	Single degree: 4 years (3 years if accelerated program) Combined degree: 5 years (4 years accelerated)
Campus/Delivery	Geelong Waterfront Campus
Contact	School of Architecture and Built Environment E: sebe@deakin.edu.au T: +61 3 5227 8300

ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY

www.rmit.edu.au

BACHELOR OF CONSTRUCTION MANAGEMENT (HONOURS)

The Bachelor of Construction Management (Honours) provides a solid foundation for the construction management, project management and quantity surveying professions. You will organise and manage a vast number of people and resources across the building process to ensure the safe delivery of quality buildings to clients. You may be involved in constructing high-rise office buildings and apartments, factories, hotels, houses, complex hospitals or tourist facilities, and you may also refurbish and renovate buildings.

Program length if taken full-time	4 years
Campus/Delivery	Melbourne City campus
Contact	Sean Durkin E: sean.durkin@rmit.edu.au T: +61 3 9925 2230

SOUTH AUSTRALIA (SA)

UNIVERSITY OF SOUTH AUSTRALIA

www.unisa.edu.au

BACHELOR OF CONSTRUCTION MANAGEMENT (HONOURS) (SPECIALISING IN QUANTITY SURVEYING)

This program aims to provide you with the education and training required to reach a professional level in the building industry, quantity surveying and or building surveying professions.

You will have access to the Experiential Learning Suite located at the City East campus; this multifunctional space provides you with a spectrum of opportunities to develop career knowledge and interact not only with other students but with new technologies.

Throughout this program you will have the opportunity to interact with industry and research experts within the community. This degree has a strong connection with the Barbara Hardy Institute and its researchers who conduct high quality research in the fields renewable energy, transport systems, urban and regional planning, engineering, construction and infrastructure development, clean technologies for agriculture, manufacturing and industrial applications, complex systems modelling and evaluation and urban ecology.

Program length if taken full-time	4 years
Campus/Delivery	City East Campus Online
Contact	On-campus: Debbie Frisby E: debbie.frisby@unisa.edu.au Online: Rob Freda E: rob.freda@unisa.edu.au T: +61 8 8302 1997

WESTERN AUSTRALIA (WA)

CURTIN UNIVERSITY OF TECHNOLOGY

www.curtin.edu.au

BACHELOR OF APPLIED SCIENCE (CONSTRUCTION MANAGEMENT)

This program is structured in a format that relates specifically to the career aspirations of students wishing to work as project managers, quantity surveyors, construction managers, estimators, administrators and building surveyors. This program prepares students for a professional career in building, construction and related industries. With the booming construction industry, graduates are in high demand and command generous starting salaries. Students may be invited to undertake an honours program in the final year of the program.

Program length if taken full-time	4 years
Campus/Delivery	Bentley Campus Online (Via Open Universities Australia)
Contact	Prof Peng Wu E: peng.wu@curtin.edu.au T: +61 8 9266 4723

POSTGRADUATE DEGREES

BOND UNIVERSITY

www.bond.edu.au

MASTER OF CONSTRUCTION PRACTICE

MASTER OF CONSTRUCTION PRACTICE (PROFESSIONAL)

The Master of Construction Practice covers a comprehensive range of subjects in the field of construction practice, focusing on the management and delivery of complex construction projects. The curriculum addresses a range of topics including building structures and soil mechanics, construction technology, construction techniques, plant and equipment, contract administration, building measurement, finance and cost planning, project management, refurbishment and retrofitting and risks. The program also meets the educational requirements of the Queensland Building and Construction Commission (QBCC) for attainment of an Open Builders License, provided two specific optional subjects are successfully completed, Building controls and Regulation and Fire Engineering.

Program length if taken full-time	4 Trimesters for Master of Construction Practice 5 Trimesters for Master of Construction Practice (Professional)
Campus/Delivery	On-campus intensive mode delivery
Contact	Associate Professor Dane Miller E: dmiller@bond.edu.au T: +61 7 5595 2189

DEAKIN UNIVERSITY

www.deakin.edu.au

MASTER OF CONSTRUCTION MANAGEMENT (PROFESSIONAL)

This program is relevant to experienced mid-career construction professionals who are seeking to extend themselves into future leadership positions within the industry. The Master of Construction Management (Professional) requires the completion of 16 credit points (includes a thesis). The postgraduate construction management program is designed to provide specialist skills related to the theoretical, policy, evaluative and research frameworks that underpin the construction professions. The program provides a challenging environment in which you will be encouraged to develop your understanding, knowledge and skills, and inculcated with a sense of being an independent learner in your career.

Program length if taken full-time	2 years
Campus/Delivery	This program is offered on and off campus
Contact	School of Architecture and Built Environment E: sebe@deakin.edu.au T: +61 3 5227 8300

SWINBURNE UNIVERSITY OF TECHNOLOGY

www.swinburne.edu.au

MASTER OF CONSTRUCTION AND INFRASTRUCTURE MANAGEMENT

The Master of Construction and Infrastructure Management aims to prepare graduates for future roles in managing people, equipment, materials, technological processes and funds in the construction, management and maintenance of buildings and assets in civil infrastructure. This aim is facilitated by the study of advanced management and engineering techniques in the fields of construction, building and maintenance. Students gain significant knowledge and skills in procurement and project delivery, resource planning and management, project costing, health and safety, and risk management. They also learn about the environmental, financial, legal and contractual considerations associated with project-based industries.

Program length if taken full-time	2 years
Campus/Delivery	Blended – on campus and digital learning
Contact	Kloe Robinson E: postgrad@swinburne.edu.au

THE UNIVERSITY OF MELBOURNE

www.unimelb.edu.au

MASTER OF CONSTRUCTION MANAGEMENT

The Master of Construction Management is a professional degree for graduates wanting to gain employment in the construction industry. The program focuses on real world projects that range across the full construction management cycle, preparing students for the realities of professional life.

The 2 year (200pt) masters is for students who have completed a three year undergraduate degree in construction. The 3 year (300pt) masters is designed to take students from a non-cognate area; to take students with degrees other than construction; and to enable students to become professionally prepared for a career in construction management.

MASTER OF ARCHITECTURE/MASTER OF CONSTRUCTION MANAGEMENT

The Master of Architecture combined with the Master of Construction Management positions students to be industry ready and have flexibility within the employment market. It gives students the opportunity to express their creativity while pursuing a commercial career.

The multidisciplinary approach allows students to realise synergies between disciplines, broaden their skillset and develop a contemporary understanding of the built environment profession.

This program aims to provide students with:

- highly developed skills to manage an architectural practice and lead or work within cross-discipline project teams;

- technical and management training to work as construction/project managers within medium-large general construction contracting companies;
- a sustainable outlook with the ability to use new materials and technologies to create environmentally sustainable buildings;
- knowledge and comprehension to coordinate all aspects of the building procurement process on behalf of clients – either within a private project management company or within a client organisation;
- a grounding in architectural history, theory and technology that leads to the creation of innovative architecture.

MASTER OF CONSTRUCTION MANAGEMENT/MASTER OF PROPERTY

The Master of Construction Management combined with the Master of Property positions students to be industry ready and have flexibility within the employment market. It provides the opportunity to have a commercial career in an industry that accounts for \$360 billion in revenue in Australia, alongside impacting urban developments at the city scale.

The multidisciplinary approach allows students to realise synergies between disciplines, broaden their skillset and develop a contemporary understanding of the built environment profession.

This program aims to provide students with:

- highly developed skills to analyse and value property;
- technical and management training to work as construction/project managers within medium-large general construction contracting companies;
- advanced knowledge in the development and management of property;
- knowledge and comprehension to coordinate all aspects of the building procurement process on behalf of clients – either within a private project management company or within a client organisation;
- professional practice in a property context.

Program length if taken full-time	Single degree: 2/3 years Combined degree: 4 years
Campus/Delivery	On campus
Contact	Associate Professor Robert Crawford E: rhcr@unimelb.edu.au T: +61 3 8344 8745

OVERSEAS DEGREES

SINGAPORE & HONG KONG: RMIT UNIVERSITY

www.rmit.edu.au

BACHELOR OF APPLIED SCIENCE (CONSTRUCTION MANAGEMENT) (HONOURS)

This program is structured in a format that relates specifically to the career aspirations of students wishing to work as quantity surveyors, project managers, construction managers, estimators and contract administrators. This program prepares students for a professional career in building, construction and related industries. With the booming construction industry, graduates are in high demand and command generous starting salaries. Students may be invited to undertake honours in the final year of the program.

Program length if taken full-time	4 years
Campus/Delivery	On campus Singapore Institute of Management Hong Kong Institute of Vocational Education
Contact	Dr. Eric Too E: eric.too@rmit.edu.au T: +61 3 9925 0192

SRI LANKA: UNIVERSITY OF MORATUWA

www.mrt.ac.lk

BACHELOR OF SCIENCE IN QUANTITY SURVEYING (HONOURS)

The Department of Building Economics offers a four year full time Bachelor of Science Honours Degree in Quantity Surveying with a wide range of subjects related to quantity surveying and construction cost management. The degree programme is structured to fulfil the career aspirations of undergraduates wishing to work as a Construction Economist, Cost Manager or a Contract Administrator. This programme prepares students for a professional career in building, civil and other infrastructure construction projects. Our Quantity Surveying graduates are in very high demand in both local and foreign construction markets, especially in the Middle East region and the employability is 100% at the time of the convocation.

Program length if taken full-time	4 years
Contact	Prof. Anuradha Waidyasekara Head of the Department Department of Building Economics Faculty of Architecture E: head-becpm@uom.lk T: +94 11 2 650738