

BACHELOR OF CONSTRUCTION MANAGEMENT (HONOURS) (3762)

Approved Abbreviation: BConstrMgt(Hons)
Western Sydney University Program Code: 3762
AQF Level: 8

CRICOS Code: 0100687

This program applies to students who commenced in 2021 or later.

Students should follow the program structure for the session start date relevant to the year they commenced.

For commencement year 2020, please refer to: 3762.1 Bachelor of Construction Management (Honours) (<http://handbook.westernsydney.edu.au/hbook/course.aspx?course=3762.1>)

Handbook Summary 2021 - 2022

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, related 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 tasks and make evidence-based decisions relate to real world industry problems. To ensure students are work ready upon graduation a total of 1,200 hours approved, mandatory practical experience is also completed during the program.

Handbook Summary 2023

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 relate 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, the Bachelor of Construction management (Honours) provides elective options. Students can choose the 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. Alternatively, students can select one or two suggested minors or optional electives to complete their eight elective subjects. Students also have the option of selecting any free elective that is outside construction management in consultation with academic program advisors.

Study Mode

Four years full-time or eight years part-time.

Program Advice

Program advice (edbe@westernsydney.edu.au)

Dr Anthony Butera (<https://directory.westernsydney.edu.au/search/name/Anthony%20Butera/>)

Prospective students should visit the following websites for general enquiries about this program.

Enquire about this program (<https://enquiry.westernsydney.edu.au/courseenquiry/>) | Local Admission (<https://www.westernsydney.edu.au/future/>) | International Admission (<https://www.westernsydney.edu.au/international/home/apply/admissions/>) |

Location

Campus	Attendance	Mode	Advice
Parramatta Campus - Victoria Road	Full Time	Internal	see above (edbe@westernsydney.edu.au)
Parramatta Campus - Victoria Road	Part Time	Internal	see above (edbe@westernsydney.edu.au)
Penrith Campus	Full Time	Internal	see above (edbe@westernsydney.edu.au)
Penrith Campus	Part Time	Internal	see above (edbe@westernsydney.edu.au)

Accreditation

The Bachelor of Construction Management (Honours) program is accredited by the Australian Institute of Building (AIB, Incorporated by Royal Charter under the Australian Crown). The Quantity Surveying specialisation of this program is accredited by the Australian Institute of Quantity Surveyors (AIQS).

The Bachelor of Construction Management (Honours) program is further accredited by the Chartered Institute of Builders (CIOB), with its Quantity Surveying specialisation also accredited by the Royal Institution of Chartered Surveyors (RICS).

Further, this degree satisfies one of the requirements for NSW Builder's licence through NSW fair trading, which is the educational degree requirement.

Inherent Requirements

There are inherent requirements for this program that you must meet in order to complete your program and graduate. Make sure you read and understand the requirements for this program online.

Inherent requirements (https://www.westernsydney.edu.au/ir/inherent_requirements/inherent_requirements_for_bachelor_of_construction_technology/)

Work Integrated Learning

Western Sydney University seeks to enhance student learning experiences by enabling students to engage in the culture, expectations and practices of their profession or discipline. This program includes a placement or other community-based unpaid practical experience.

There is a mandatory work component required for completion of this program. Please contact the Program Advisor listed above for information.

International students should also refer to the link below for more information and a link to the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS).

Work Integrated Learning (WIL) for international students (https://www.westernsydney.edu.au/currentstudents/current_students/services_and_facilities/international_student_support/working_in_australia/work_integrated_learning/)

Admission

Assumed knowledge required: HSC Mathematics and English.

Applications from Australian and New Zealand citizens and holders of permanent resident visas may be made via the Universities Admissions Centre (UAC) or directly through the Western Portal. Use the links below to apply via UAC or Western Sydney University. Applications made directly to Western Sydney do not have an application fee.

<http://www.uac.edu.au/>
<https://westernsydney.uac.edu.au/ws/>

Applicants who have undertaken studies overseas may have to provide proof of proficiency in English. Local applicants who are applying through the Universities Admissions Centre (UAC) will find details of minimum English proficiency requirements and acceptable proof on the UAC website. Local applicants applying directly to the University should also use the information provided on the UAC website.

<http://www.uac.edu.au/>

All other International applicants must apply directly to the University via the International Office.

International students applying to the University through the International Office can find details of minimum English proficiency requirements and acceptable proof on their website.

International Office (<http://www.westernsydney.edu.au/international/>)

Overseas qualifications must be deemed by the Australian Education International - National Office of Overseas Skills Recognition (AEI-NOOSR) to be equivalent to Australian qualifications in order to be considered by UAC and Western Sydney University.

Sequence Current

Qualification for this award requires the successful completion of 320 credit points which include subjects in the recommended sequence below.

Start-year intake

Course	Title	Credit Points
Year 1		
Autumn session		
BLDG 1015	Residential Building	10
ARCH 1004	Drawing and CAD	10
ENGR 1036	Construction Communication	10
BLDG 1007	Construction Work Safety	10
Credit Points		40
Spring session		
BLDG 1014	Non-Residential Building	10
BLDG 1013	Building Science	10
BLDG 2011	Contract Administration	10
BLDG 1009	Environmental Building Design	10

Western Sydney University students who maintain a minimum GPA of 6 and have completed the first year core subjects are eligible to transfer into the second year of 3782 Bachelor of Construction Management Advanced (Honours) provided they also get selected to a cadetship arrangement with an approved industry partner to undertake specific WIL subjects in this advanced program.

Credit Points		40
Year 2		
Autumn session		
CIVL 2016	Civil and Substructure	10
BLDG 2002	Building Measurement	10
Select two electives		20
Credit Points		40
Spring session		
ACCT 1001	Accounting Information for Managers	10
BLDG 2001	Building Estimates and Tendering	10
Select two electives		20
Credit Points		40
Year 3		
Autumn session		
CIVL 3016	Building Superstructure	10
BUSM 3077	Construction Project Management	10
Select two electives		20
Credit Points		40
Spring session		
JUST 3003	Building Law	10
CIVL 3017	Construction Scheduling	10
Select two electives		20
Credit Points		40
Year 4		
Autumn session		
BLDG 4003	Construction Economics	10
BLDG 4009	Residential Building Project	10
BLDG 4010	Construction Research Methods	20
Credit Points		40
Spring session		
CIVL 4016	Envelope and Services	10
CIVL 4015	Complex Building Project	10
Select one of the following:		20
CIVL 4020	Construction Research Project	
BLDG 4011	Construction Thesis	
Note: CIVL 4020 Construction Research Project and BLDG 4011 Construction Thesis are 20 credit point subjects		
Credit Points		40
Total Credit Points		320

Transfer to a new course (https://www.westernsydney.edu.au/currentstudents/current_students/enrolment/transferring_to_a_new_course_at_uws/)

Bachelor of Construction Management Advanced (Honours) (<https://hbook.westernsydney.edu.au/programs/bachelor-construction-management-advanced-honours/>)

Industrial Experience

All students enrolled in Bachelor of Construction Management (Honours) must obtain, through their own initiative, 1200 hours of

construction management related employment prior to undertaking their final year of study.

To facilitate the recording of such experience it will be necessary to enrol in BLDG 4012 Industry Based Learning and have an Industry Experience Diary signed off by the Program Coordinator.

Mid-year intake

Course	Title	Credit Points
Year 1		
Spring session		
BLDG 1014	Non-Residential Building	10
BLDG 1013	Building Science	10
ARCH 1004	Drawing and CAD	10
ENGR 1036	Construction Communication	10
Credit Points		40
Autumn session		
BLDG 1015	Residential Building	10
BLDG 1007	Construction Work Safety	10
CIVL 2016	Civil and Substructure	10
BLDG 2002	Building Measurement	10
Credit Points		40
Year 2		
Spring session		
ACCT 1001	Accounting Information for Managers	10
BLDG 2001	Building Estimates and Tendering	10
BLDG 2011	Contract Administration	10
BLDG 1009	Environmental Building Design	10
Credit Points		40
Autumn session		
CIVL 3016	Building Superstructure	10
BUSM 3077	Construction Project Management	10
Select two electives		20
Credit Points		40
Year 3		
Spring session		
JUST 3003	Building Law	10
CIVL 3017	Construction Scheduling	10
Select two electives		20
Credit Points		40
Autumn session		
BLDG 4009	Residential Building Project	10
BLDG 4003	Construction Economics	10
Select two electives		20
Credit Points		40
Year 4		
Spring session		
CIVL 4016	Envelope and Services	10
CIVL 4015	Complex Building Project	10
BLDG 4010	Construction Research Methods	20
Credit Points		40
Autumn session		
Select one of the following:		20
CIVL 4020	Construction Research Project	
BLDG 4011	Construction Thesis	
Select two electives		20

Note: CIVL 4020 Construction Research Project and BLDG 4011 Construction Thesis are 20 credit point subjects

Credit Points	40
Total Credit Points	320

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Elective Spaces

Electives within the sequence may be used towards:

- Obtaining a Testamur Major, or
- Obtaining one or two Minors, or
- Completing any electives from the pool of Optional Electives or other Schools

Testamur Majors

Building, Testamur Major (T149) (<https://hbook.westernsydney.edu.au/majors-minors/building-testamur-major/>)

Building Surveying, Testamur Major (T088) (<https://hbook.westernsydney.edu.au/majors-minors/building-surveying-ug-testamur-major/>)

Quantity Surveying, Testamur Major (T087) (<https://hbook.westernsydney.edu.au/majors-minors/quantity-surveying-ug-testamur-major/>)

Suggested Minors

Business, Minor (0299) (<https://hbook.westernsydney.edu.au/majors-minors/business-minor/>)

Construction Economics, Minor (0119) (<https://hbook.westernsydney.edu.au/majors-minors/construction-economics-concentration/>)

Property, Minor (0289) (<https://hbook.westernsydney.edu.au/majors-minors/property-minor/>)

Western Sydney University also offers a number of innovative transdisciplinary minors for students to consider. Please contact your Academic Program Advisor if you require more information on these minors.

Optional Electives

Students may choose eight electives from the list or any other free electives available from other disciplines. Students may discuss their electives with the Program Academic Advisors.

Subject	Title	Credit Points
GEOM 3001	Advanced Building Measurement	10
BLDG 3010	Building Cost Studies	10

BLDG 3015	Contract Management	10
BLDG 4008	Digital Construction	10
BLDG 3004	Construction Information Systems	10
BLDG 3009	Quality and Value Management	10
BLDG 2003	Building Regulations Studies	10
BLDG 3008	Negotiation in the Built Environment	10
ARCH 2003	Development Control	10
ENGR 3021	Professional Practice	10
BLDG 4006	Modern Construction Enterprises	10
BLDG 4007	Modern Construction Projects	10
BLDG 3014	Introduction to Building Fire Safety	10
CIVL 2017	Sustainable Construction Materials	10
BLDG 3011	Construction Business Management	10
BLDG 3017	Building Certification Ethics	10
BLDG 2015	Leading Teams in Construction	10
BLDG 2004	Built Heritage	10
BLDG 3007	Design Brief Formulation	10
BLDG 3001	Building Design Process	10
ENGR 3022	Special Technical Project	10

Recommended Sequence 2022

Qualification for this award requires the successful completion of 320 credit points which include subjects in the recommended sequence below.

Electives within the sequence may be used towards obtaining an approved Minor for this award.

Start-year intake

Course	Title	Credit Points
Year 1		
Autumn session		
BLDG 1015	Residential Building	10
ARCH 1004	Drawing and CAD	10
ENGR 1036	Construction Communication	10
BLDG 1007	Construction Work Safety	10
Credit Points		40
Spring session		
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BLDG 1013	Building Science	10
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Western Sydney University students who maintain a minimum GPA of 6 and have completed the first year core units are eligible to transfer into the second year of 3782 Bachelor of Construction Management Advanced (Honours) provided they also get selected to a cadetship arrangement with an approved industry partner to undertake specific WIL units in this advanced course.		
Credit Points		40
Year 2		
Autumn session		
CIVL 2016	Civil and Substructure	10
BLDG 2002	Building Measurement	10
Select two electives		20
Credit Points		40

Spring session		
ACCT 1001	Accounting Information for Managers	10
BLDG 2001	Building Estimates and Tendering	10
Select two electives		20
Credit Points		40
Year 3		
Autumn session		
CIVL 3016	Building Superstructure	10
BUSM 3077	Construction Project Management	10
Select two electives		20
Credit Points		40
Spring session		
JUST 3003	Building Law	10
CIVL 3017	Construction Scheduling	10
Select two electives		20
Credit Points		40
Year 4		
Autumn session		
BLDG 4003	Construction Economics	10
BLDG 4009	Residential Building Project	10
BLDG 4010	Construction Research Methods	20
Credit Points		40
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CIVL 4016	Envelope and Services	10
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Spring session		
ACCT 1001	Accounting Information for Managers	10
BLDG 2001	Building Estimates and Tendering	10
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BLDG 1009	Environmental Building Design	10
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Autumn session		
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Year 4		
Spring session		
CIVL 4016	Envelope and Services	10
CIVL 4015	Complex Building Project	10
BLDG 4010	Construction Research Methods	20
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Major and Minor Elective Spaces

Elective subjects may be used toward obtaining an additional approved major (80 credit points) or minor (40 credit points)

Building Surveying, Testamur Major (T088) (<https://hbook.westernsydney.edu.au/majors-minors/building-surveying-ug-testamur-major/>)

Quantity Surveying, Testamur Major (T087) (<https://hbook.westernsydney.edu.au/majors-minors/quantity-surveying-ug-testamur-major/>)

Optional Electives

Students may choose eight electives from the following list or any from the majors listed above in order to graduate without a major. Other free electives are also available.

Subject	Title	Credit Points
GEOM 3001	Advanced Building Measurement	10
BLDG 3010	Building Cost Studies	10
BLDG 3001	Building Design Process	10
JUST 3003	Building Law	10
BLDG 2003	Building Regulations Studies	10
BLDG 2004	Built Heritage	10
BLDG 2011	Contract Administration	10
BLDG 3015	Contract Management	10
BLDG 3007	Design Brief Formulation	10
ARCH 2003	Development Control	10
BLDG 4008	Digital Construction	10
BLDG 4006	Modern Construction Enterprises	10
BLDG 4007	Modern Construction Projects	10
BLDG 3008	Negotiation in the Built Environment	10
ENGR 3021	Professional Practice	10