

BACHELOR OF BUILDING DESIGN MANAGEMENT (3727)

Approved Abbreviation: BBldgDesMgt
Western Sydney University Program Code: 3727
AQF Level: 7

CRICOS Code: 088711G

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: 3727.2 Bachelor of Building Design Management (<http://handbook.westernsydney.edu.au/hbook/course.aspx?course=3727.2>)

For commencement year 2016, please refer to: 3727.1 Bachelor of Building Design Management (<http://handbook.westernsydney.edu.au/hbook/course.aspx?course=3727.1>)

Over four years, this program develops the skills necessary for a role in the integrated design and delivery of building projects. All aspects of building design are included: from initial design concept, extending to design brief formation, project documentation, quality control management during the building process and project handover. Students will develop an understanding of 'buildability' issues, accurate cost forecasting, risk management and sustainable project delivery. Students will also develop skills needed to work in a multi-disciplinary project team and negotiate favourable outcomes in complex project environments through simulations of real-life building projects and approved practical experiences.

There is an embedded honours stream in this program in the 4th year. Students are invited to enrol into the honours stream after consideration of certain criteria - such as GPA and overall marks in the first three years - with the opportunity to graduate with honours listed on their testamur.

Study Mode

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

Program Advice

Program advice (edbe@westernsydney.edu.au)

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
Parramatta Campus - Victoria Road	Part Time	Internal	See above

Accreditation

The Bachelor of Building Design Management is accredited by the Chartered Institute of Building.

The Bachelor of Building Design Management (Honours) is accredited by the Australian Institute of Building.

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_building_design_and_construction_management/)

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: HSC English and Mathematics/Science.

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.

International students currently completing an Australian Year 12 in or outside Australia, an International Baccalaureate in Australia or a New Zealand National Certificate of Educational Achievement (NCEA) level 3 must apply via UAC International.

<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.

Recommended Sequence

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

Start-year intake

Full-time

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 2011	Contract Administration	10
BLDG 1013	Building Science	10
BLDG 1009	Environmental Building Design	10
Credit Points		40
Year 2		
Autumn session		
CIVL 2016	Civil and Substructure	10
ARCH 2003	Development Control	10
Select two electives or Major subjects		20
Credit Points		40
Spring session		
ACCT 1001	Accounting Information for Managers	10
BLDG 2004	Built Heritage	10
Select two electives or Major subjects		20
Credit Points		40
Year 3		
Autumn session		
CIVL 3016	Building Superstructure	10
BLDG 3007	Design Brief Formulation	10
Select two electives or Major subjects		20
Credit Points		40
Spring session		
JUST 3003	Building Law	10
BLDG 3001	Building Design Process	10
Select two electives or Major subjects		20
Credit Points		40
Year 4		
Autumn session		
BLDG 4009	Residential Building Project	10
BLDG 4007	Modern Construction Projects	10
Select one of the following:		20
BLDG 4001	Building Design Project 1	
CIVL 4018	Building Design Project 1 (Honours)	

Note: From Spring 2022 CIVL 4018 is replaced by BLDG 4014

BLDG 4014	Building Design Project 1 (Honours)	
Credit Points		40
Spring session		
CIVL 4015	Complex Building Project	10
BLDG 4006	Modern Construction Enterprises	10
Select one of the following:		20
BLDG 4002	Building Design Project 2	
CIVL 4019	Building Design Project 2 (Honours)	
Note: From Spring 2022 CIVL 4019 is replaced by BLDG 4015		
BLDG 4015	Building Design Project 2 (Honours)	
Credit Points		40
Total Credit Points		320

Industry Experience

All students enrolled in Bachelor of Building Design Management must obtain, through their own initiative, 1200 hours of industry related employment prior to graduation.

BLDG 4012 Industry Based Learning

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
ARCH 2003	Development Control	10
Credit Points		40
Year 2		
Spring session		
ACCT 1001	Accounting Information for Managers	10
BLDG 2004	Built Heritage	10
BLDG 2011	Contract Administration	10
BLDG 1009	Environmental Building Design	10
Credit Points		40
Autumn session		
CIVL 3016	Building Superstructure	10
BLDG 3007	Design Brief Formulation	10
Select two electives or Major subjects		20
Credit Points		40
Year 3		
Spring session		
JUST 3003	Building Law	10
BLDG 3001	Building Design Process	10
Select two electives or Major subjects		20
Credit Points		40
Autumn session		
Select two electives or Major subjects		20

Select one of the following: 20

BLDG 4001	Building Design Project 1	
CIVL 4018	Building Design Project 1 (Honours)	

Note: From Spring 2022 CIVL 4018 is replaced by BLDG 4014

BLDG 4014	Building Design Project 1 (Honours)	
Credit Points		40

Year 4

Spring session

CIVL 4015	Complex Building Project	10
BLDG 4006	Modern Construction Enterprises	10

Select one of the following: 20

BLDG 4002	Building Design Project 2	
CIVL 4019	Building Design Project 2 (Honours)	

Note: From Spring 2022 CIVL 4019 is replaced by BLDG 4015

BLDG 4015	Building Design Project 2 (Honours)	
Credit Points		40

Autumn session

BLDG 4009	Residential Building Project	10
BLDG 4007	Modern Construction Projects	10

Select two electives or Major subjects 20

Credit Points		40
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BLDG 4012 Industry Based Learning

Majors

Architecture, Major (0227) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/architecture-major/>)

Minor Elective Spaces

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

Search for minors (http://handbook.westernsydney.edu.au/hbook/COURSE_INDEX.ASPX)

Construction Economics, Minor (0119) (<https://hbook.westernsydney.edu.au/archives/2023-2024/majors-minors/construction-economics-concentration/>)

Major and Minor elective spaces

Elective subjects may be used toward obtaining an additional approved major (80 credit points) or minor (40 credit points). Western Sydney University offers majors and minors in a range of areas including Sustainability and Indigenous Studies.

Global Sustainability Minor (<https://hbook.westernsydney.edu.au/majors-minors/global-sustainability-minor/>)

Indigenous Australian Studies Major (<https://hbook.westernsydney.edu.au/majors-minors/indigenous-australian-studies-major/>)

Indigenous Australian Studies Minor (<https://hbook.westernsydney.edu.au/majors-minors/indigenous-australian-studies-minor/>)

Western Sydney University also offers the following innovative transdisciplinary Challenge Minors (https://www.westernsydney.edu.au/educational_partnerships_and_quality/home/challenge_minors/) which we encourage those students who have elective space to consider.

www.westernsydney.edu.au/educational_partnerships_and_quality/home/challenge_minors/) which we encourage those students who have elective space to consider.

Equitable Technologies (<https://hbook.westernsydney.edu.au/majors-minors/equitable-technologies-minor/>)

Urban Evolution (<https://hbook.westernsydney.edu.au/majors-minors/urban-evolution-minor/>)

Migration and Global Change (<https://hbook.westernsydney.edu.au/majors-minors/migration-global-change-minor/>)

Personal Innovation (<https://hbook.westernsydney.edu.au/majors-minors/personal-innovation-minor/>)

Innovating, Creating and Problem Solving (<https://hbook.westernsydney.edu.au/majors-minors/innovating-creating-problem-solving-minor/>)

Eco-Socially Conscious Design and Manufacturing (<https://hbook.westernsydney.edu.au/majors-minors/eco-socially-conscious-design-manufacturing-minor/>)

Water for Life (<https://hbook.westernsydney.edu.au/majors-minors/water-life-minor/>)

Climate Justice (<https://hbook.westernsydney.edu.au/majors-minors/climate-justice-minor/>)

Creative and Visual Communication (<https://hbook.westernsydney.edu.au/majors-minors/creative-visual-communication-minor/>)

Global Workplaces (<https://hbook.westernsydney.edu.au/majors-minors/global-workplaces-minor/>)

Innovating For Humans (<https://hbook.westernsydney.edu.au/majors-minors/innovating-humans-minor/>)

Creative Living for Cultural Wellbeing (<https://hbook.westernsydney.edu.au/majors-minors/creative-living-cultural-wellbeing-minor/>)

Ideate. Strategise. Innovate. (<https://hbook.westernsydney.edu.au/majors-minors/ideate-strategise-innovate-minor/>)

Humanising Data (<https://hbook.westernsydney.edu.au/majors-minors/humanising-data-minor/>)

For more information, visit the Challenge Minor (https://www.westernsydney.edu.au/educational_partnerships_and_quality/home/challenge_minors/) website.

Search for majors and minors (<https://hbook.westernsydney.edu.au/majors-minors/>)

Students can apply for an elective major or minor via Western Now.

WesternNow (<https://www.westernsydney.edu.au/westernnow/>)