Master of Building Services (International students)

Program code
5742

Available at
Gold Coast Campus, Online

Duration
2 years full-time

4 years part-time (online only)

Credit points
160

Indicative fee
$42,500.00* per year (more)

* 2024 indicative annual fee

Admission requirements
Related Engineering Bachelor degree (5.0 GPA) or higher

(more)

CRICOS code
0101619

Commencing in
Trimester 1 and Trimester 2

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Degree requirements: Students who started Trimester 1 - 2025

To be eligible for the award of *Master of Building Services (MBuildServ)*, a student must acquire 160 credit points as prescribed below:

Standard pathway

- gain 40 credit points for the foundation courses;
- gain 40 credit points for the core courses;
- gain 40 credit points for a major;
- gain 40 credit points for elective courses.

Professional pathway

- gain 40 credit points for the foundation courses;
- gain 40 credit points for the core courses;
- gain 40 credit points for a major;
- gain 40 credit points of IAP courses.

To be eligible for the award of *Master of Building Services (MBuildServ)*, a student admitted with **40 credit points of advanced standing** must acquire 120 credit points as prescribed below:

Standard pathway

- gain 40 credit points for the core courses;
- gain 40 credit points for a major;
- gain 40 credit points for elective courses.

Professional pathway

- gain 40 credit points for the core courses;
- gain 40 credit points for a major;
- gain 40 credit points of IAP courses.

This degree may be awarded **with Distinction** where a student achieves a minimum program GPA of 6.5 with no failed courses. The words "This award was achieved with Distinction" will be recorded on the testamur.

Exit point

To be eligible to exit the Master of Building Services program with the Graduate Certificate in Building Services award, a student must acquire 40 credit points from the foundation courses.

To exit, a student should apply for a program transfer.

Note: The Graduate Certificate exit point is not available to students admitted to the Masters program with advanced standing.

Australian Qualifications Framework (AQF) Level and Type

The Australian Qualifications Framework (AQF) is the national policy for regulated qualifications in Australian education and training. This qualification is accredited as an AQF Level 9 - Masters Degree (Coursework).

Program learning outcomes

Program learning outcomes

Program Learning Outcomes communicate to the community the value of the Griffith educational experience as benchmarked against national qualification standards.

Program Learning Outcomes for this award describe the knowledge, skills and the application of knowledge and skills you will acquire through studying the Griffith program of your choice.

Course list: Students starting Trimester 1 - 2025

Program options

Students must complete one of the following options:

Trimester	Course code	Requirement	Course title	CP
Tri 1,2			Standard pathway	160
			OR	
Tri 1,2			Professional pathway	160

Students admitted with **advanced standing** must complete one of the following options:

Trimester	Course code	Requirement	Course title	CP
Tri 1,2			Standard pathway with advanced standing	120
			OR	
Tri 1,2			Professional pathway with advanced standing	120

Majors (3 available)

Building Services

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7610ENG		Building Services	10
Tri 1	7612ENG		Operation, Maintenance and Facility Management	10
Tri 2	7201ENG		Project Management	10
Tri 2	7613ENG		Building HVAC Systems	10

Facilities Management

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7206ENG		Quality and Performance Management	10
Tri 1	7612ENG		Operation, Maintenance and Facility Management	10
Tri 2	7201ENG		Project Management	10
Tri 2	7407ENG		Environmental Management Systems	10

Sustainable Buildings

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7411ENG		Water and Wastewater Treatment Fundamentals	10
			OR	
Tri 1	7412ENG		Solid Waste Management	10
Tri 1	7405ENG		Renewable Energy Systems	10
Tri 2	7201ENG		Project Management	10
Tri 2	7401ENG		Air Quality Monitoring and Control	10

Pathways (4 available)
Professional

Students must complete 40 credit points from the following foundation courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7616ENG		Building Construction and Services	10
Tri 1	7617ENG		Control Systems	10
Tri 1	4007ENG		Heat and Mass Transfer Engineering	10
Tri 1	7618ENG		Fluid Mechanics and Hydraulics	10
Tri 2	7619ENG		Engineering Thermodynamics	10
Tri 2	7620ENG		Electromechanics	10

Exit point: Graduate Certificate in Building Services (3374) To exit (after completing 40 credit points from the foundation courses), a student should apply for a program transfer.

Students must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7610ENG		Building Services	10
Tri 1,2	7001ENG		Research Methods for Engineers (see Note 1)	10
Tri 2	7201ENG		Project Management	10
Tri 2	7615ENG		Fire and Safety Engineering	10
Tri 2	7614ENG		Building Services Project (capstone course) (see Note 2)	10
Tri 1,2			Major courses	
Tri 1,2	7605ENG		Industry Affiliates Program - Dissertation	40

Note 1: 7161ENV should be completed after completion of 40 credit points.

Note 2: The capstone course (7614ENG) involves a significant research project in the student's area of their major (or general interest if taking the no major option) and should be completed after completion of 60 credit points and after completion of 7001ENG.

Professional with Advanced Standing

You must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7610ENG		Building Services	10
Tri 1,2	7001ENG		Research Methods for Engineers (see Note 1)	10
Tri 2	7615ENG		Fire and Safety Engineering	10
Tri 2	7614ENG		Building Services Project (capstone course) (see Note 2)	10
Tri 1,2			Major courses	
Tri 1,2	7605ENG		Industry Affiliates Program - Dissertation	40

Note 1: 7614ENG should be completed after completion of 40 credit points.

Note 2: The capstone course (7614ENG) involves a significant research project in the student's area of their major (or general interest if taking the no major option) and should be completed after completion of 60 credit points and after completion of 7001ENG.

Standard

Students must complete 40 credit points from the following foundation courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7616ENG		Building Construction and Services	10
Tri 1	7617ENG		Control Systems	10
Tri 1	4007ENG		Heat and Mass Transfer Engineering	10
Tri 1	7618ENG		Fluid Mechanics and Hydraulics	10
Tri 2	7619ENG		Engineering Thermodynamics	10
Tri 2	7620ENG		Electromechanics	10

Exit point: Graduate Certificate in Building Services (3374) To exit (after completing 40 credit points from the foundation courses), a student should apply for a program transfer.

Students must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7610ENG		Building Services	10
Tri 1,2	7001ENG		Research Methods for Engineers (see Note 1)	10
Tri 2	7615ENG		Fire and Safety Engineering	10
Tri 2	7614ENG		Building Services Project (capstone course) (see Note 2)	10
Tri 1,2			Major courses	40
Tri 1,2			Listed electives	40

Note 1: 7614ENG should be completed after completion of 40 credit points.

Note 2: The capstone course (7614ENG) involves a significant research project in the student's area of their major (or general interest if taking the no major option) and should be completed after completion of 60 credit points and after completion of 7001ENG.

Standard with Advanced Standing

Students must complete the following courses:

Trimester	Course code	Requirement	Course title	CP
Tri 1	7610ENG		Building Services	10
Tri 1,2	7001ENG		Research Methods for Engineers (see Note 1)	10
Tri 2	7615ENG		Fire and Safety Engineering	10
Tri 2	7614ENG		Building Services Project (capstone course) (see Note 2)	10
Tri 1,2			Major courses	
Tri 1,2			Listed electives	40

Note 1: 7614ENG should be completed after completion of 40 credit points.

Note 2: The capstone course (7614ENG) involves a significant research project in the student's area of their major (or general interest if taking the no major option) and should be completed after completion of 60 credit points and after completion of 7001ENG.

Electives (1 available)
Listed electives

Trimester	Course code	Requirement	Course title	CP
Tri 1	7617ENG		Control Systems	10
Tri 1	7616ENG		Building Construction and Services	10
Tri 1	6323ENG		SCADA Systems	10
Tri 1	6313ENG		Electric Power Systems and Control	10
Tri 1	4007ENG		Heat and Mass Transfer Engineering	10
Tri 1	7202ENG		Project Evaluation and Control	10
Tri 1	7206ENG		Quality and Performance Management	10
Tri 1	7519ENG		Energy Efficiency	10
Tri 1	7612ENG		Operation, Maintenance and Facility Management	10
Tri 2	7203ENG		Resource Planning and Management	10
Tri 2	7204ENG		Risk Analysis and Management	10
Tri 2	7619ENG		Engineering Thermodynamics	10
Tri 2	7620ENG		Electromechanics	10
Tri 2	7003ENG		Engineering Design Practice	10
Tri 2	7407ENG		Environmental Management Systems	10
Tri 2	7520ENG		Energy Storage and Power Systems	10
Tri 2	7521ENG		Real World Energy	10