Master of Professional Engineering (Domestic students)

Program code
5728

Available at
Gold Coast Campus, Nathan Campus

Duration
2 years full-time
4 years part-time

Credit points
160

Indicative fee
$26,500.00* per year (more)
* 2024 indicative annual fee

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

(more)

Commencing in
Trimester 1 and Trimester 2

Next start date
Trimester 2, 2024 (more)

Applications close
Monday, 24 June 2024
Apply Now

About this program

The Master of Professional Engineering is for aspiring engineers who want to obtain accredited qualifications to practise as an engineer in Australia and overseas, or for existing professional engineers to move into a different field of engineering. The program focuses on the knowledge and skills required to design solutions and manage engineering projects in a holistic way. For those from a science, environmental science or computing background who want to change careers to become an engineer, the Graduate Diploma of Engineering Science provides a pathway to the Master of Professional Engineering.

Majors

- Civil Engineering (Gold Coast)
- Electronic Engineering (Nathan)
- Electronic and Energy Engineering (Nathan)
- Environmental Engineering (Nathan)
- Mechanical Engineering (Gold Coast)

Note: Progression is dependent upon satisfying admission requirements.

My attendance during the program

Attendance information

This program will be offered full-time and part-time on-campus at the Nathan and Gold Coast campuses.

Work-integrated learning

Students must complete a 40 credit point Industry Affiliate Program. This course emphasises the academic and professional aspects of modern engineering, science and technology applications and practice within an industrial environment. It incorporates a major. An academic advisor within the university will provide academic leadership to the student in the successful completion of the industry based project. Assessment is on the basis of project deliverables and an individual report. The project deliverables will be assessed on student's individual contributions. Total Work Placement (hours) : 432 hours.

My career opportunities

My career opportunities

The Master of Professional Engineering will provide the engineering professional practice and research skills that lead to recognition as a graduate engineer in Australia. The qualification will be recognised internationally through the Washington Accord of the International Engineering Alliance.

Civil Engineering

Look around you - much of the physical infrastructure that makes up our modern society is made possible by Civil engineers. Civil engineers provide a major contribution to society by supporting the design and development of essential services, and by managing and improving the built environment. By studying civil engineering you will develop your knowledge in the planning, design and construction of buildings and infrastructure such as: roads, bridges and highways, rail networks, irrigation, drainage and flood mitigation systems, airports, water and wastewater treatment plants, port harbours and residential homes. If you want to get a career creating tomorrow's cities, then this is the degree for you.

Electronic Engineering
We are surrounded by technologically advanced electronic devices and gadgets that make our modern lifestyle possible. These are all developed by electronic engineers. In this major you will gain a foundation in electronics, as well as develop the hardware and software skills needed for the design, development and engineering of the electronic circuits used for many applications. You will learn about computer-based products and essential systems in our society. You will focus on the development, construction and design of electronic parts and systems - ranging from everyday items to applications for large corporations and industries.

Electronic and Energy Engineering
In the last few centuries, society has made remarkable developments in terms of everyday interaction with electrical and electronic devices. We are surrounded by sophisticated ever evolving devices and gadgets that enables communication, control, movement, and comfort. electrical energy and electronic engineers play a key role in developing devices, systems, control, communication, enabling building technology and infrastructure, nationally and internationally. This program will provide you with the necessary competency through a foundation in electrical and electronic knowledge, as well as develop the hardware and software skills needed for the design, development, and engineering of electronic circuits and electrical systems. As Electrical (energy) and electronic engineers are equipped to work in all types of industries and in a very wide range of settings, the employment opportunities for graduates are endless. Furthermore, as this degree will open-up an exciting world ranging from development of small devices up to large international scale infrastructure projects, it provides an opportunity of permanent secured employment as well as making a major impact on the future of society.

Environmental Engineering
The wants and needs of a rapidly expanding, global population means it has never been more important to shape our environmental future. Environmental engineering is your pathway to protecting the natural environment and its resources by ensuring that we minimise the adverse effect we may have on it. In this major you will develop an understanding of complex environmental problems and issues, and of the challenges facing environmental sustainability. You will learn to design creative engineering solutions and manage key projects associated with environmental protection in the area of air quality, water and wastewater, and waste management. If you want an environmental career that can change the world, this is the degree for you.

Mechanical Engineering
Mechanical engineering is one of the broadest engineering disciplines including the design, analysis, manufacture and maintenance of mechanical systems. This major is built on a strong foundation of theory and reinforced by practical experience - all underpinned by our ethos of learning by doing. You will be involved in the development and use of new materials and technologies, as well as design and analysis using advanced software and computer systems.

Program accreditation
Program accreditation

The Master of Professional Engineering is provisionally accredited by Engineers Australia.

In Australia, professional accreditation of entry to practice engineering programs is the responsibility of Engineers Australia and is normally carried out on a five-yearly cycle. Griffith University underwent this review in September 2020.

Accreditation ensures academic institutions consistently meet national and international benchmarks and engineering graduates of an accredited program are assured membership with Engineers Australia at the relevant career grade and enjoy reciprocal privileges by equivalent professional bodies overseas.

Countries such as the USA, United Kingdom, Hong Kong (SAR), New Zealand, Canada, South Africa and others that are co-signatories to international agreements on joint recognition offer international recognition.

The Washington Accord, the Sydney Accord and the Dublin Accord recognise the substantial equivalence of accreditation systems and accredited programs across international boundaries at the Professional Engineer, Engineering Technologist and Engineering Associate levels respectively. Please refer to the International Engineering Alliance (IEA) website for more details.

As accreditation is outcomes-based, provisional accreditation is granted if an engineering course or program hasn¿t yet produced a sufficient number of graduates. This means the program meets the accreditation criteria to the extent possible at the time of the evaluation and will likely receive full accreditation when a representative group of graduates have emerged. Please refer to Engineers Australia website for further information on provisional accreditation.

Please see the Engineers Australia website for the most recent list of accredited programs.

What are the fees?
Fee-paying postgraduate (domestic) students

Indicative annual tuition fee

The indicative annual tuition fee is calculated based on a standard full-time study load which is usually 80 credit points.

The indicative annual tuition fee is based on current conditions and available data and should only be used as a guide. These fees are reviewed annually and are subject to change.

Tuition fees

- A fee-paying postgraduate student pays tuition fees.
- Students are liable for tuition fees for the courses they are enrolled in as at the census date.
- The tuition fee for students who commence their program prior to 2014 is charged according to the approved program fee for the trimester in which the student commenced the program.
- The tuition fee for students who commence their program from 2014 onwards is charged according to the approved program fee for the trimester in which the student is enrolled.

Program fees for the Master of Professional Engineering (5728)

Fees for this program can be found on the Programs and Courses website in the "Overview and fees" section. Select your commencing year to view your fees.

Tuition fees for your degree program

- Calculating tuition fees

Changing programs

If a postgraduate student changes to a different program they will be subject to the approved program fee for the trimester in which they are enrolled.

Further information

- Calculating your EFTSL
- Fees and Charges Procedure
    - Fees and Charges Schedules
- Higher Education Loan Program (HELP)
- Financial help and support