“The undergraduate degree I studied in India focused on science. I wanted to build a stronger foundation in chemical engineering and become a professional engineer. Choosing the Master of Professional Engineering is one of the best decisions I’ve made. I’m now working as a risk and safety engineer in Sydney.”
GETTING STARTED
02 Our postgraduate programs
03 Working with industry
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POSTGRADUATE OPTIONS
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APPLYING TO STUDY
18 Applying for a coursework program
19 Applying for a research program
20 Faculty postgraduate courses at a glance

IMPORTANT DATES

2015

2 MARCH
Semester 1 begins

27 JULY
Semester 2 begins

CLOSING DATES FOR APPLICATIONS
Refer to the relevant course at sydney.edu.au/courses/engineering

OUR ONLINE RESOURCES

Find out more about our courses: sydney.edu.au/courses/engineering
Check out the videos on our website: sydney.edu.au/engineering
You can also connect with us through social media:

Engineering.IT.Sydney.University  @Eng_IT_Sydney  youtube.com/uniofsydney

Cover image: PhD researcher Abolghasem Naghib working in the Civil Engineering Fluids laboratory
You may have a number of reasons to consider postgraduate study. Whether you want to qualify for a profession, enhance your career prospects or change careers, our specialised postgraduate programs can help you achieve your goals.

COURSEWORK PROGRAMS
The Faculty of Engineering and Information Technologies offers two engineering postgraduate coursework programs: the Master of Engineering and the Master of Professional Engineering.

Our engineering coursework programs are designed in collaboration with industry and taught by leading researchers and practising industry professionals using real-life case studies.

The Master of Engineering is a specialised program for qualified engineers seeking to move into management. It allows you to build on your existing engineering undergraduate degree by developing specialised technical and management knowledge in a particular area.

If you are seeking to change careers and become an engineer, obtain accredited qualifications that will enable you to practise in Australia and internationally, or simply move into a different field of engineering, you should consider the Master of Professional Engineering.

RESEARCH PROGRAMS
We offer two postgraduate research programs in engineering: a Master of Philosophy (MPhil) and a Doctor of Philosophy (PhD). Each involves in-depth study of a specialised area.

Our research is multidisciplinary and centres on:
- robotics
- biomedical engineering and technology
- clean energy
- water and the environment
- complex systems
- materials and structures.

These research themes break down traditional disciplinary barriers and enable us to work collaboratively to develop truly holistic solutions to today’s big issues, including health and ageing, communication needs, workplace safety and climate change. For more information about our research programs, see pages 13 to 14.

This guide provides an overview of our postgraduate programs in engineering and professional engineering.

For more detailed information, including units of study, visit sydney.edu.au/courses/engineering
At the University of Sydney, you’ll learn to design and develop solutions to address the current and future needs of industry and society.

WORKING WITH INDUSTRY

We understand the importance of working closely with industry. Our courses are designed in collaboration with, and taught by, industry professionals. We also recognise that business and industry practices are constantly changing, so we regularly update our curriculum to reflect the latest developments.

Our expertise and facilities are highly sought after by industry, with our staff invited to provide professional consulting services for many different business and government organisations.

We have a dedicated industry-aligned body, Engineering Sydney. Along with the Warren Centre for Advanced Engineering and the John Grill Centre for Project Leadership, Engineering Sydney collaborates and develops partnerships with business leaders and organisations. It acts as the conduit for industry engagement with faculty foundations, centres of expertise and our alumni network.

PROFESSIONAL ACCREDITATION

The Master of Professional Engineering is fully accredited by Engineers Australia, the national engineering accreditation body, in the following specialisations: Biomedical, Chemical and Biomolecular, Civil, Electrical, Mechanical, Power, Structural and Telecommunications Engineering.

Our other specialisations have provisional accreditation, pending graduation of the requisite number of students.
YOUR STUDY ENVIRONMENT

Our labs, teaching spaces and learning hubs are designed to help you get the most out of your learning experience. They incorporate technology and equipment for interactive study, research and collaboration.

Our facilities, centres and research groups are recognised for their excellence. They include the following:

- The **Australian Centre for Field Robotics**, one of the world’s leading robotics research institutes, has been instrumental in the development of breakthrough technologies and in conducting vital research and development of field robotics principles and systems. We have partnered with major national and international agencies in academia, government and industry, and established several leading research centres funded by the Australian Research Council and by mining, security and defence, and environmental agencies.

- Established in 2012, the **Institute of Biomedical Engineering and Technology** undertakes pioneering and potentially life-transforming research with major national and international organisations in the areas of image processing and data management, image visualisation and analysis, bioinformatics and data mining, medical devices and networking, biomaterials and regenerative tissue engineering.

- The **Laboratory for Sustainable Technology** undertakes multidisciplinary research to develop sustainable products and processes that maximise resource and energy efficiency and minimise environmental impact. The lab adopts a multi-scale, multidisciplinary approach that brings a wide range of skills to bear on pressing environmental and sustainable development problems, and works with experts from institutions in Asia, Europe, Africa and the United States.

- The **Computing and Audio Research Laboratory** is designed for analysing all aspects of the spatial perception of sound, including how humans localise sounds, the effect of room acoustics on sound perception, recording of spatial sound fields, playback using our 32 spherical loudspeaker array, generation of augmented and virtual reality audio, 3D voice communication systems, and the study of musical aspects of sound fields. Our collaboration with the Auditory Neuroscience Laboratory and the Acoustics Research Laboratory makes us one of the three largest spatial audio research groups in the world.

- Our **Centre for Advanced Structural Engineering** has one of the largest structural engineering laboratories in the southern hemisphere.

- The **ARC Biotechnology and Food Processing Training Centre** works closely with industry partners on the development of energy-efficient, sustainable food-processing and storage techniques. The centre’s work aims to boost Australia’s international competitiveness in the food industry, and in particular in the development and production of nutraceuticals – food that is fortified with vitamins and minerals to provide health benefits as well as nutrition.
“I am developing new agricultural robotic systems that will support farmers and improve farm efficiency, productivity, and environmental sustainability. I am working with environmental agencies to develop robotic air and ground vehicles for the detection of invasive species, and robotic ground vehicles for detecting individual fruit and vegetables with the aim of autonomously harvesting them. It’s an exciting field that is transforming our agricultural industry, and skilled engineers will play a pivotal role.”

PROFESSOR SALAH SUKKARIEH
PROFESSOR OF ROBOTICS AND INTELLIGENT SYSTEMS, DIRECTOR OF RESEARCH AND INNOVATION AT THE AUSTRALIAN CENTRE FOR FIELD ROBOTICS

“My research covers the development of biomaterials for bone and cartilage regeneration and the body’s response to these biomaterials when used in transplants. This work has led to the development of new materials with characteristics similar to natural bone that the body won’t reject. Materials with the same strength and porosity as bone allow blood and nutrients to penetrate, kickstarting the body’s regeneration process and encouraging growth of bone that will completely replace the implant over time. The materials can be 3D printed, and have the potential to improve the quality of life of millions of people around the world.”

PROFESSOR HALA ZREIQAT
PROFESSOR OF BIOMEDICAL ENGINEERING HEAD OF BIOMATERIALS AND TISSUE ENGINEERING RESEARCH UNIT
INTERNATIONAL PARTNERSHIPS

The Faculty of Engineering and Information Technologies is committed to internationalisation across teaching, learning, research and engagement with industry.

As one of the top 50 engineering and technology universities in the world, we have developed international partnerships with key institutions, governments and other organisations. Through this partner network, we encourage our students, researchers and staff to engage in various forms of collaboration that deepen their understanding and knowledge and broaden their global outlook.

Our partners span the Asia Pacific region as well as China, Southeast Asia, India, Europe, the Middle East and the Americas. They include:
- Australian Institute for Nanoscience
- BAE Systems Australia
- Beihang University, China
- Beijing Jiaotong University, China
- Chaoyang University of Technology, Taiwan
- Chinese Academy of Sciences
- CSIRO
- Dalian University of Technology, China
- Deutsche Bank
- Google
- Harbin Institute of Technology, China
- Imperial College, London
- Institut National Polytechnique de Toulouse, France
- Korea Advanced Institute of Science and Technology
- Laing O’Rourke
- Leighton Contractors
- Louisiana State University, US
- Microsoft
- National University of Civil Engineering, Vietnam
- National ICT Australia (NICTA)
- Qantas
- Renault
- Rio Tinto
- Royal Institute of Technology, Sweden
- Royal Prince Alfred Hospital, Sydney
- Schneider Electric
- Shanghai Jiao Tong University, China
- Tongji University, China
- Tsinghua University, China
- Universitas Indonesia
- Université libre de Bruxelles, Belgium
- University of New South Wales
- University of York, UK.

Award recipient Nasim Annabi conducted research at Tohoku University, Japan.
WHICH COURSE IS RIGHT FOR YOU?

If you are not sure which postgraduate engineering program is the best fit for you, these student case studies may help make your decision easier.

**MASTER OF ENGINEERING**
The Master of Engineering is a specialised program for qualified engineers seeking to advance into a management role. It allows you to build on your existing engineering undergraduate degree by developing specialised technical and management knowledge in a particular area.

**Case study: Nuria**
Nuria has a bachelor’s degree in civil engineering from an Australian university and is aiming to further her technical expertise in structural engineering as she progresses through to management in a large civil engineering firm.

**Solution:** The Master of Engineering will allow Nuria to build on her existing engineering expertise and at the same time develop professional and management skills that she can apply in the workplace to advance her career.

**MASTER OF PROFESSIONAL ENGINEERING**
If you want to change careers and become an engineer, obtain accredited qualifications that will enable you to practise in Australia and internationally, or simply move into a different engineering field, you should consider the Master of Professional Engineering.

**Case study: Keiran**
Keiran has a bachelor’s degree in science from an overseas university and wants to complete a master’s degree. He is looking to enhance his existing qualifications and specialise in software engineering and work globally as an engineer.

**Solution:** The Master of Professional Engineering will give Keiran both the practical engineering practice and research skills in software engineering he needs to be recognised as an Australian graduate engineer.

**FIND OUT MORE**
Discuss your situation with one of our student advisers.
T +61 2 9351 8719
E engineering.postgraduate@sydney.edu.au

These case studies are examples only. You need to take into consideration your individual circumstance and eligibility before applying for a degree program.
The Master of Engineering is a specialised program for qualified engineers seeking to move into a management role.

This program is designed to help qualified engineers strengthen their management capability and technical expertise.

If you are a qualified engineer looking to specialise or update your skills, you may like to consider this program.

The Master of Engineering will allow you to build on your existing engineering undergraduate degree by developing specialised technical knowledge in one of 13 engineering majors.

The course also includes four professional engineering management subjects that will enhance your leadership and commercial capabilities, providing you with greater opportunities to advance your career.

MAJORS
Our majors for this master’s degree are:
– Automation and Manufacturing Systems
– Biomedical
– Chemical and Biomolecular
– Civil
– Electrical
– Fluids
– Geomechanical
– Mechanical
– Power
– Software
– Structural
– Sustainability and Environmental
– Telecommunications.
COURSE STRUCTURE
This master’s program comprises core units of study in your chosen field, along with electives in general engineering to broaden your knowledge. There is a strong focus on project work to enhance your self-directed learning and leadership skills. Both professional and research pathways are available within all majors to allow you to gain outcomes that are directly related to industry, or to complete a research project as preparation for a higher research degree in your chosen engineering field.

Professional engineering management subjects include:
– Sustainable Design, Engineering and Management
– Entrepreneurship for Engineers
– Project Process Planning and Control
– Safety Systems and Risk Management.

ADMISSION REQUIREMENTS
Applicants need to have a recognised Bachelor of Engineering degree in the same or similar field of study to the major for which they are applying with at least a credit average; or the Graduate Diploma in Engineering at the University of Sydney with at least a credit average.

Applicants with a relevant science degree or equivalent may be considered if they majored in a discipline that relates to their chosen engineering major and can demonstrate suitable prior learning.

Applicants who do not meet these criteria may be considered for entry into the Graduate Diploma in Engineering. If you achieve at least a credit average in the first semester, you will be eligible to apply to transfer to the Master of Engineering.

Depending on the level and type of your prior studies, you may be eligible for advanced standing that will reduce the length of the degree.

You can find out more at sydney.edu.au/courses/engineering

“Telecommunications technology moves rapidly. I chose the Master of Engineering for its focus on emerging technologies. I now have both strong management skills and the technical knowledge to put me at the top of my field.”

ROWENA LARKINS
MASTER OF PROFESSIONAL ENGINEERING
MASTER OF PROFESSIONAL ENGINEERING

The Master of Professional Engineering will provide you with a solid foundation for a career in engineering and a qualification that is in high demand around the world.

If you would like to change careers and become an engineer, obtain accredited qualifications that will enable you to practise in Australia and internationally, or simply move into a different field of engineering, you should consider this master’s program.

The Master of Professional Engineering will provide you with the engineering professional practice and research skills that lead to recognition as an Australian graduate engineer. It will also help you develop the sound communication, management and judgement capabilities necessary to interpret and discuss complex issues in your area of specialisation.

**COURSE STRUCTURE**

The course comprises foundation units, elective units in the area of your specialisation and a 12-week practical industry experience component. You can also choose from a number of professional electives and complete a capstone project in your final year. The capstone project draws together the knowledge you have gained during the course, synthesises this with your prior learning and experience, and allows you to draw conclusions that will form the basis for further investigation, and your intellectual and professional growth.

**ADMISSION REQUIREMENTS**

Applicants need to have a recognised bachelor’s degree in engineering, science or applied science with at least an honours, honours equivalent or credit average, and sufficient tertiary knowledge of mathematics and science-based units, depending on your chosen specialisation.

**COURSE DURATION**

The Master of Professional Engineering is a three-year program. Depending on the level and type of your previous tertiary studies, you may be eligible for advanced standing that will reduce the length of your degree.

<table>
<thead>
<tr>
<th>Existing qualification</th>
<th>Bachelor of Science/equivalent</th>
<th>Bachelor of Engineering in unrelated field</th>
<th>Bachelor of Engineering in related field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced standing</td>
<td>Up to 24 credit points</td>
<td>Up to 24 credit points</td>
<td>Up to 48 credit points</td>
</tr>
<tr>
<td>Duration (years)</td>
<td>2.5 – 3</td>
<td>2.5</td>
<td>2</td>
</tr>
</tbody>
</table>

Note: This table is indicative only. The volume of learning required will be determined by the tertiary studies previously completed in the field you wish to enter. This will be assessed on a case-by-case basis.
SPECIALISATIONS

Full accreditation
— Biomedical
— Chemical and Biomolecular
— Civil
— Electrical
— Mechanical
— Power
— Structural
— Telecommunications

Provisional accreditation
— Aerospace
— Fluids
— Geomechanical
— Software

ACCREDITATION

The Master of Professional Engineering programs in Biomedical, Chemical and Biomolecular, Civil, Electrical, Mechanical, Power, Structural and Telecommunications Engineering are fully accredited by Engineers Australia, the national accreditation body.

The specialisations in Aerospace, Fluids, Geomechanical and Software Engineering have provisional accreditation.*

In addition, our graduates are recognised internationally through the Washington Accord of the International Engineering Alliance.

* Current as at August 2014. Visit sydney.edu.au/courses to view detailed information regarding each specialisation, including units of study.

You can find out more at sydney.edu.au/courses/engineering

“Studying professional engineering at Sydney changed my life – the flexible program made it easy for me to move into biomedical engineering. I have gone on to complete a PhD and founded my own biotech start-up.”

ALI FATHI
MASTER OF PROFESSIONAL ENGINEERING
PHD
Our faculty focuses on multidisciplinary research in the areas of biomedical engineering and information technologies, clean energy, water and the environment, robotics, complex systems and materials and structures.

Our research degrees have two purposes. The first is for you to prepare a substantial piece of work that represents a significant contribution to your chosen field of study. The second is to train you in fundamental research methodology and equip you with the transferable skills needed to pursue a career in academia, industry, business or elsewhere.

RESEARCH PROGRAMS

Research at Sydney is dynamic and always evolving, inspiring enquiring minds and providing new tools and ways of thinking that lead to innovation.

MASTER OF PHILOSOPHY (MPhil)
Minimum duration: 1 year
The Master of Philosophy program involves the preparation of a thesis considered to make an original contribution to the subject concerned.
Applicants require a bachelor’s degree with first or second-class honours, a master’s qualification with at least a 25 percent research component or another equivalent qualification from an accredited institution. Master of Philosophy candidates who achieve an outstanding performance may be eligible to upgrade to the Doctor of Philosophy.

DOCTOR OF PHILOSOPHY (PhD)
Minimum duration: 3 years
The Doctor of Philosophy program involves the preparation of a thesis considered to make a substantial and original contribution to the subject concerned. Applicants need to have a master’s degree by research or a bachelor’s degree with first or second-class honours or equivalent from a recognised institution.
OUR RESEARCH COMMUNITY

Great breakthroughs rarely occur in isolation. Our diverse, multidisciplinary research community attracts leading researchers from around the world, and we provide an environment that encourages collaborative endeavours and leads to genuine innovation.

SUPPORT
We support our researchers in a number of ways, from providing strategic advice on research opportunities to assisting them to access funding.
As well as supporting our researchers to excel in their chosen field, we help them to develop transferable skills in research leadership and management, commercialisation, communication and cross-disciplinary capabilities.
We are committed to the continuous improvement of our research performance, maintaining our leading role within Australia, and improving our competitive position internationally, in order to contribute to the economic, social and cultural wellbeing of Australia and the wider world.
This means providing our researchers with all the support they need to consolidate and build on our strong research profile.
You can find out more at sydney.edu.au/research/support

RESEARCH PROFILE
Mouna Hamad (right) came to the University of Sydney after completing a Bachelor of Medicinal Chemistry (Advanced). Her passion for chemical and biomolecular engineering inspired her to pursue a PhD in this field.
Mouna’s research involves stem cells and their use in regenerative medicine, including the treatment of bone defects, Parkinson’s disease, diabetes and leukaemia.
Her current focus is on the most critical problem leukaemia patients still face – the difficulty in obtaining matching bone marrow for transplant. Mouna is pioneering a technique in which she could potentially take a small number of healthy cells from a leukaemia patient and rapidly multiply them into transplantable tissue with no risk of rejection.
Because stem cells are such a powerful biomedical tool, this technique could later be applied to virtually all tissue-engineering applications.
“My research focuses on stem cell technology in the treatment of leukaemia. We face a critical shortage of matching bone marrow for transplant. My work has led to the development of new techniques that will potentially use some of the patient’s healthy stem cells to bioengineer bone marrow for transplant without risk of rejection.”

MOUNA HAMAD
PhD CANDIDATE
SCHOLARSHIPS

We want to be a key part of your personal success story. Scholarships are just one way the University of Sydney can support you.

As a postgraduate student, we offer you various scholarships to help you achieve your personal and professional goals. Below is a selection of the scholarships we have on offer.

COURSEWORK SCHOLARSHIPS
Commonwealth-Supported Place Scholarships
These scholarships are available to eligible domestic Master of Professional Engineering students.

Dr Abdul Kalam International Scholarships
Dr Abdul Kalam, former president of India and distinguished scientist and technologist, has demonstrated his support for international students wishing to study engineering and information technologies at the University of Sydney through the establishment of a new merit-based scholarships scheme. Scholarships are available to new international students commencing a postgraduate coursework program within the faculty.

Sydney Achievers International Scholarships
These scholarships are available to new international students commencing postgraduate coursework at the University and are awarded on the basis of academic merit.

RESEARCH SCHOLARSHIPS
The University offers a number of different research and supplementary scholarships, including:

– Australian Postgraduate Awards, University of Sydney Postgraduate Awards, and Vice-Chancellor’s Research Scholarships
– University of Sydney International Scholarships
– Australian Government Research Scholarships for International Students
– International Postgraduate Research Scholarships
– Australian Development Scholarships
– Australian Leadership Awards
– Postdoctoral Research Fellowships.

FIND OUT MORE
To view all of our scholarship opportunities, visit sydney.edu.au/scholarships and sydney.edu.au/engineering/scholarships
E scholarships.engineering@sydney.edu.au
Domestic and international applicants can apply online for postgraduate study by coursework by following the steps below:

1. **Search**
   Search for the course you are interested in at sydney.edu.au/courses

2. **Select**
   Select the program of study you wish to apply for and check that you meet the admission requirements.

3. **Apply**
   Click the ‘Apply now’ button to proceed with your application.

**HOW MUCH DOES A COURSEWORK PROGRAM COST?**

Most postgraduate coursework programs are full-fee-paying courses. Essentially this means you can pay your fees up front for the units you study, or defer your payments through the federal government’s FEE-HELP loan scheme so that you pay later through the taxation system.

There are also a limited number of Commonwealth-supported places for some postgraduate coursework programs.

For more information on Commonwealth-supported places or FEE-HELP, visit www.studyassist.gov.au

For information on current postgraduate program fees, see sydney.edu.au/courses

**Note:** Fees are reviewed annually, and they are likely to increase each year that you study, effective at the beginning of each calendar year.
Applying for a research program at Sydney is a five-step process.

1. Meet the academic requirements
To apply for a higher degree by research, which includes our Master of Philosophy and PhD programs, you need to have completed an honours degree, a master’s by research degree or a master’s by coursework program with a minor thesis component.

2. Find an academic supervisor
Our Research Supervisor Connect online portal lists all the University research opportunities currently available for new students. Visit the website to search through research opportunities, read about supervisors’ areas of interest and expertise, and make initial contact with them.

3. Develop a research proposal
Once you have initiated discussions with an academic, you need to develop and submit an initial research proposal. The supervisor will read and comment on your proposal, and indicate if they are willing to supervise you before you submit your application.

You can find more information about developing a proposal at sydney.edu.au/research/opportunities under ‘how to apply’.

4. Identify academic referees
You will need to provide details of two academic referees who are familiar with your previous academic qualifications and achievements who can then submit an academic referee report on your behalf. Instructions are provided within your online application form.

5. Submit your application
Once you’ve secured a supervisor and academic referees, and prepared your research proposal, you’re ready to submit your application. All applications for higher degrees by research should be lodged online.

First, visit sydney.edu.au/courses and search for your program of study. Then select the degree you wish to apply for. Click on the ‘apply’ button to begin the application process.
# FACULTY POSTGRADUATE COURSES AT A GLANCE

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>DURATION IN YEARS</th>
<th>TOTAL CREDIT POINTS</th>
<th>MODE OF DELIVERY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COMPUTING</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Diploma in Computing</td>
<td>1.5</td>
<td>60</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td><strong>INFORMATION TECHNOLOGY</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Certificate in Information Technology</td>
<td>0.5</td>
<td>24</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td>Graduate Diploma in Information Technology</td>
<td>1</td>
<td>48</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td>Master of Information Technology</td>
<td>1.5</td>
<td>72</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td><strong>INFORMATION TECHNOLOGY MANAGEMENT</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Certificate in Information Technology Management</td>
<td>0.5</td>
<td>24</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td>Graduate Diploma in Information Technology Management</td>
<td>1</td>
<td>48</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td>Master of Information Technology Management</td>
<td>1.5</td>
<td>72</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td><strong>COMBINED INFORMATION TECHNOLOGY/INFORMATION TECHNOLOGY MANAGEMENT</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Master of Information Technology / Master of Information Technology Management</td>
<td>2</td>
<td>96</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td><strong>ENGINEERING</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Certificate in Engineering</td>
<td>0.5</td>
<td>24</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td>Graduate Diploma in Engineering</td>
<td>1</td>
<td>36</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td>Master of Engineering</td>
<td>1.5</td>
<td>72</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td>COURSE NAME</td>
<td>DURATION IN YEARS</td>
<td>TOTAL CREDIT POINTS</td>
<td>MODE OF DELIVERY</td>
</tr>
<tr>
<td>-----------------------------------</td>
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<td>-------------------------------------------------------</td>
</tr>
<tr>
<td><strong>PROFESSIONAL ENGINEERING</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Master of Professional Engineering</td>
<td>2-3</td>
<td>144</td>
<td>Full time on campus/part time on campus with permission</td>
</tr>
<tr>
<td><strong>PROJECT MANAGEMENT</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Certificate in Project Management</td>
<td>0.5</td>
<td>24</td>
<td>Full time/part time on campus/block mode/flexible delivery</td>
</tr>
<tr>
<td>Graduate Diploma in Project Management</td>
<td>1</td>
<td>48</td>
<td>Full time/part time on campus/block mode/flexible delivery</td>
</tr>
<tr>
<td>Master of Project Management</td>
<td>1.5</td>
<td>72</td>
<td>Full time/part time on campus/block mode/flexible delivery</td>
</tr>
<tr>
<td><strong>PROJECT LEADERSHIP</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Certificate in Project Leadership</td>
<td>0.5</td>
<td>24</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td>Graduate Diploma in Project Leadership</td>
<td>1</td>
<td>36</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td>Master of Project Leadership</td>
<td>1</td>
<td>48</td>
<td>Full time/part time on campus</td>
</tr>
<tr>
<td><strong>RESEARCH</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Master of Philosophy</td>
<td>Min 1</td>
<td>N/A</td>
<td>Full time/part time</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>Min 3</td>
<td>N/A</td>
<td>Full time/part time</td>
</tr>
</tbody>
</table>

Note: All courses have a mid-year intake. Please refer to [sydney.edu.au/courses/study_area/engineering-and-project-management](sydney.edu.au/courses/study_area/engineering-and-project-management) for up-to-date course information.