The era of the project manager is here.
Global demand for project managers is on the rise, as corporate and government projects become larger and more complex. Our master’s degrees equip you to lead the next generation of project success.
Why study with us?

As both government and corporate projects get bigger and more complex, the global economy is putting a premium on well-qualified project managers and leaders.

The University of Sydney offers professional master’s programs that will help you secure your success in this project-focused future.

Study at a highly ranked university

- As Australia’s first university our reputation spans more than 160 years.
- We are regularly ranked in the top 40 universities worldwide.
- We teach more than 50,000 bright minds, with 10,000 international students from more than 145 countries.
- We’ve taught six prime ministers, two Nobel laureates, three astronauts, 110 Rhodes scholars, one Pulitzer Prize winner and 145 Olympians.

A unique approach

The University of Sydney is a leader in project management education. Our unique and innovative ‘complex systems’ approach to project management and leadership is embedded in our education and research programs.

This approach examines the key interdependencies operating in today’s complex project management and leadership frameworks, and engages with these dynamics to explore proactive and effective planning, management and leadership strategies.

We look beyond the traditional systematic or mechanical view of optimisation and control of work processes and standards, to engage with the complex and organic dynamics of systems, through continuous adaptation and innovation.

Our comprehensive suite of project management and leadership programs is based on our innovative complex systems approach.
Project delivery capability is critical to the successful implementation of strategy for all organisations. Project management is now a core management discipline across all industries, from telecommunications to banking, health, defence, IT, government, engineering or construction.

Alicia Aitkin (right)
Chief Project Officer
Finance and Strategy, Telstra

“Project delivery capability is critical to the successful implementation of strategy for all organisations. Project management is now a core management discipline across all industries, from telecommunications to banking, health, defence, IT, government, engineering or construction.”

Alicia Aitkin (right)
Chief Project Officer
Finance and Strategy, Telstra

We understand the importance of working closely with industry. Our courses are designed with, and taught by, industry professionals using real-life case studies.

To build on our outstanding reputation in project management education, University of Sydney alumnus John Grill established the John Grill Centre for Project Leadership in October 2012 with a landmark donation of $20 million on his retirement as chief executive of WorleyParsons.

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

“My passion is in developing project management as a profession. A key founder of the Global Alliance for Project Performance Standards, I work with organisations and governments around the world to develop their project management capability.”

Professor Lynn Crawford (above)
Director of the Project Management Program and Life Fellow of the Australian Institute of Project Management, Honorary Member of the International Project Management Association and Co-Vice-Chair of PMI’s Global Accreditation Center Board.
“My focus is in understanding the underlying principles that guide seemingly chaotic complex and adaptive systems. Understanding what drives change and applying that knowledge to human, financial and ecological systems can help us better predict and manage them, and help us thrive as a society.”

Dr Michael Harré
Lecturer and Researcher
Complex Systems Research Group and Project Management Program, University of Sydney
Scholarships

We offer various scholarships and other forms of financial assistance to help you achieve your personal and professional goals, including:

Dr Abdul Kalam International Scholarships
The former president of India, Dr Kalam established these merit-based scholarships for international students commencing a master’s program in the Faculty of Engineering and Information Technologies.

Sydney Achievers Scholarships
This flagship scholarship program for international students rewards students with outstanding academic results. Each scholarship is valued at A$10,000 per year for the length of the degree.

Research scholarships
We offer a number of different research and supplementary scholarships.

View all our scholarship opportunities at
- sydney.edu.au/scholarships
- sydney.edu.au/engineering/scholarships

Programs

We offer two postgraduate coursework programs in this field: the Master of Project Management and the Master of Project Leadership. You can also study a graduate certificate or graduate diploma in both of these areas.

A graduate diploma is an excellent option if you do not want to commit to a full master’s, but still need a solid grounding in your chosen field. It typically takes one year of full-time study.

A graduate certificate is ideal if you who want to undertake a short academic training course to further your career, or to sample further study. It typically takes six months of full-time study.

For those interested in pursuing research, we offer both a Master of Philosophy (MPhil) and a Doctor of Philosophy (PhD).
Master of Project Management

This degree provides you with the advanced project management skills needed for hands-on management of projects and is an ideal complement to your on-the-job experience. It will equip you with the fundamental methodologies, modelling and analytical techniques for the design and implementation of projects across a wide range of industries including infrastructure, mining, manufacturing, IT, finance, law and consultancy.

The Master of Project Management is a professional qualification, providing you with a sound educational platform for a career in project management.

Course structure

The course comprises core project management units of study along with your chosen electives. You can complete a general Master of Project Management degree or select a major from the following options:

- Portfolio and Program
- Global
- Strategic Change Implementation
- Organisational Project Management
- Risk and Control
- Sustainability.
Students with relevant industry experience will have the opportunity to work in small groups, sharing their knowledge and expertise with fellow professionals.

We also offer a pathway for eligible candidates planning to pursue a research degree.

This degree is structured to fit around your professional commitments through a combination of weekly and block-mode attendance. We also offer the flexibility of online delivery, so you can complete your studies from anywhere in Australia or around the world.

Course duration
1.5 years full time.

Depending on the level and type of your prior studies and previous experience, you may be eligible for recognition of prior learning that will reduce the length of your degree.

Admission requirements
To apply for this degree, you need to have a recognised bachelor’s degree in any discipline with a credit average. Alternatively, you need to hold a Graduate Diploma in Project Management from the University of Sydney, with a credit average.

If you don’t meet these criteria but hold a bachelor’s degree, you may be considered for entry into the Graduate Diploma in Project Management. After achieving a credit average in four units of study in this program, you can apply to transfer into the Master of Project Management.

Applicants without a bachelor’s degree who have three years’ project management experience may apply for the Graduate Certificate in Project Management.

More information
To view detailed information regarding each major, including units of study, visit:
− sydney.edu.au/courses

“The I was attracted to study project management because of the rapid growth of projects in the banking and financial services sector. The skills I have developed through the degree are in high demand and have opened doors to different areas of business development that would not have been available to me otherwise.”

Swati Vedi
Master of Project Management
Master of Project Leadership

The Master of Project Leadership will challenge your understanding of project management and leadership with its unique approach to innovation and complex, critical thinking.

This professional degree is designed for experienced project managers and senior managers seeking to develop the critical complex thinking and communication skills required for successful organisational leadership.

An innovative and challenging program, it will develop your strategic thinking capability and broaden conventional concepts of leadership, management, governance, risk, resilience and sustainability.

You will focus on the importance of interpersonal skills to effective leadership, and learn how to apply the principles of emotional intelligence to influence and manage successful project outcomes.

This degree explores the skills required to establish and tailor sophisticated interdependent project frameworks, as well as the high-level concepts of open-systems innovation, dynamic social networks and design thinking.

Course structure
Units of study include:
- Complex Project Leadership
- Project Innovation Management
- Project Risk Management
- Disaster Project Management
- Sustainability and Intelligence in Projects
- Strategic Delivery of Change
- Project Leadership Thesis.

Course duration
1 year full time.

Admission requirements
To apply for this degree you need to have a recognised bachelor’s degree in any discipline, with a credit average. Alternatively, you need to hold a Graduate Diploma in Project Leadership from the University of Sydney, with a credit average. Both options require at least five years’ work experience in a middle or senior management role.

More information
To view detailed information, including units of study, visit
- sydney.edu.au/courses
“This program looks at projects and leadership from the most innate levels. You’ll explore coordination theory, complex adaptive systems, emotional intelligence and sustainability. Delving into these concepts at an academic level, you start to understand the foundations of success for large and complex projects.”

Christian Porter (above)
Master of Project Leadership
General Manager, Strategic Bidding, Downer
Research programs

Regularly ranked in the top 0.3 percent of universities worldwide, our researchers are leaders in their fields and use their knowledge and skills to change lives in Australia and around the world.

Our research in complex systems has a strong focus on theory and quantitative methods covering the areas of guided self-organisation, large-scale complex networks and adaptive systems. We produce new methods for understanding complex systems based on information theory, mathematical sociology, machine learning, graph theory, computational epidemiology, agent-based simulation, dynamic systems theory and systems biology.

This research leverages our expertise in engineering and computational sciences and involves collaborations across physics, mathematics, biology and social sciences. Our research has an impact on diverse areas such as disaster and emergency management, large-scale epidemic modelling, organisational and social risk management, financial crisis forecasting, as well as the stability of power grids, communication and transport systems.

Our faculty focuses on multidisciplinary research, centred on the key themes of:

- field robotics
- agricultural engineering
- biomedical engineering and technologies
- human-centred technology
- complex systems
- materials and structures
- food processing
- clean, intelligent energy networks
- water and the environment.

We offer the opportunity to pursue research with a Master of Philosophy or a Doctor of Philosophy.

**Master of Philosophy (MPhil)**
**Duration: 2 years**
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 or an equivalent qualification from an accredited institution.

Candidates who achieve an outstanding performance may be eligible to upgrade to the Doctor of Philosophy.

**Doctor of Philosophy (PhD)**
**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.

**Supporting our researchers**
We support our researchers in many ways, from providing strategic advice on research opportunities to assisting with access to funding.

As well as supporting our researchers to excel in their chosen field, we help them to develop transferrable skills in research leadership and management, commercialisation, communication and cross-disciplinary capabilities.
Claire Kim, a PhD student in our Complex Systems Research Group, is investigating the role of social networks in coordinating expertise during disasters with the aim of accelerating and improving disaster response.

In the event of large-scale disasters, knowing how to get specialised knowledge and expertise to the place it is needed, in the shortest possible time, is crucial.

Claire’s research also examines the role of social network structures, ties and locations for gaining access to and sharing expertise.

Through understanding complex interactions, Claire’s work aims to ensure faster, more efficient and ultimately more effective response to major natural disasters, such as bushfires.

“I explore issues such as how centralisation and efficiency in an individual’s social network relate to coordination, and whether network size and the strength of ties within an individual’s social network affect coordination negatively or positively.”

“My research uses the relationship between the properties of social networks and the coordination and sharing of expertise and resources to identify, deploy and manage skills and equipment more effectively during the critical first stages of disaster response.”
The next steps
How to apply

Coursework
If you are a domestic or international applicant, we invite you to apply online for postgraduate study by coursework, by following these steps:

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

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

Step 3
Click the ‘apply now’ button to proceed with your application.

You can also apply for recognition of prior learning which, if approved, can substantially reduce the length of your degree.

Research
If you would like to apply for a research degree, we ask you to follow these steps:

Step 1: Find an academic supervisor
Our Research Supervisor Connect online portal lists all the University research opportunities currently available for new students. Search through research ideas, read about supervisors’ areas of interest and expertise, and make initial contact with them:
− sydney.edu.au/research/opportunities

Step 2: Develop a research proposal
Once you have had a talk 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 under ‘how to apply’ at
− sydney.edu.au/research/opportunities

Step 3: 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.

Step 4: Submit your application
We invite you to lodge your application online:
− visit sydney.edu.au/courses and search for your program of study
− select the degree for which you wish to apply
− click on the ‘apply’ button to begin the application process.

Important dates 2016
Application dates
31 January
For Semester 1 entry

30 June
For Semester 2 entry

Open Day
27 August
The University of Sydney

Postgraduate Week Expo
9 – 13 May
10 – 14 October
The University of Sydney
## What’s on offer

### Courses at a glance

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Duration (years)</th>
<th>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>X</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>X</td>
</tr>
<tr>
<td>Graduate Diploma in Information Technology</td>
<td>1</td>
<td>48</td>
<td>X</td>
</tr>
<tr>
<td>Master of Information Technology</td>
<td>1.5</td>
<td>72</td>
<td>X</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>X</td>
</tr>
<tr>
<td>Graduate Diploma in Information Technology Management</td>
<td>1</td>
<td>48</td>
<td>X</td>
</tr>
<tr>
<td>Master of Information Technology Management</td>
<td>1.5</td>
<td>72</td>
<td>X</td>
</tr>
<tr>
<td>Master of Information Technology / Master of Information Technology Management</td>
<td>2</td>
<td>96</td>
<td>X</td>
</tr>
<tr>
<td><strong>Data Science</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Certificate in Data Science</td>
<td>0.5</td>
<td>24</td>
<td>X</td>
</tr>
<tr>
<td>Master of Data Science</td>
<td>1</td>
<td>48</td>
<td>X</td>
</tr>
<tr>
<td><strong>Health Technology Innovation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Diploma in Health Technology Innovation</td>
<td>1.5</td>
<td>60</td>
<td>X</td>
</tr>
<tr>
<td>Master of Health Technology Innovation</td>
<td>2</td>
<td>96</td>
<td>X</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>X</td>
</tr>
<tr>
<td>Graduate Diploma in Engineering</td>
<td>1</td>
<td>36</td>
<td>X</td>
</tr>
<tr>
<td>Master of Engineering</td>
<td>1.5</td>
<td>72</td>
<td>X</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>X</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>X</td>
</tr>
<tr>
<td>Graduate Diploma in Project Management</td>
<td>1</td>
<td>48</td>
<td>X</td>
</tr>
<tr>
<td>Master of Project Management</td>
<td>1.5</td>
<td>72</td>
<td>X</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>X</td>
</tr>
<tr>
<td>Graduate Diploma in Project Leadership</td>
<td>1</td>
<td>36</td>
<td>X</td>
</tr>
<tr>
<td>Master of Project Leadership</td>
<td>1</td>
<td>48</td>
<td>X</td>
</tr>
<tr>
<td><strong>Research</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Master of Philosophy</td>
<td>Min. 2</td>
<td>N/A</td>
<td>X</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>Min. 3</td>
<td>N/A</td>
<td>X</td>
</tr>
</tbody>
</table>

Note: ALL courses have a mid-year intake. Please refer to sydney.edu.au/courses for up-to-date course information.
If you read only one thing, read this.

Your journey to university is as unique as you are.

At the University of Sydney, you have the opportunity to steer your own path. You can gain professional qualifications, customise your course and get involved in extracurricular activities to personalise your uni experience.

This guide provides the key information you need to apply for a postgraduate degree in project management or project leadership, but the next step is up to you.

To learn more, come and see us on Open Day, call our helpline or visit our website.

1800 SYD UNI (1800 793 864)
+61 2 8627 1444 (outside Australia)

sydney.edu.au/futurestudents