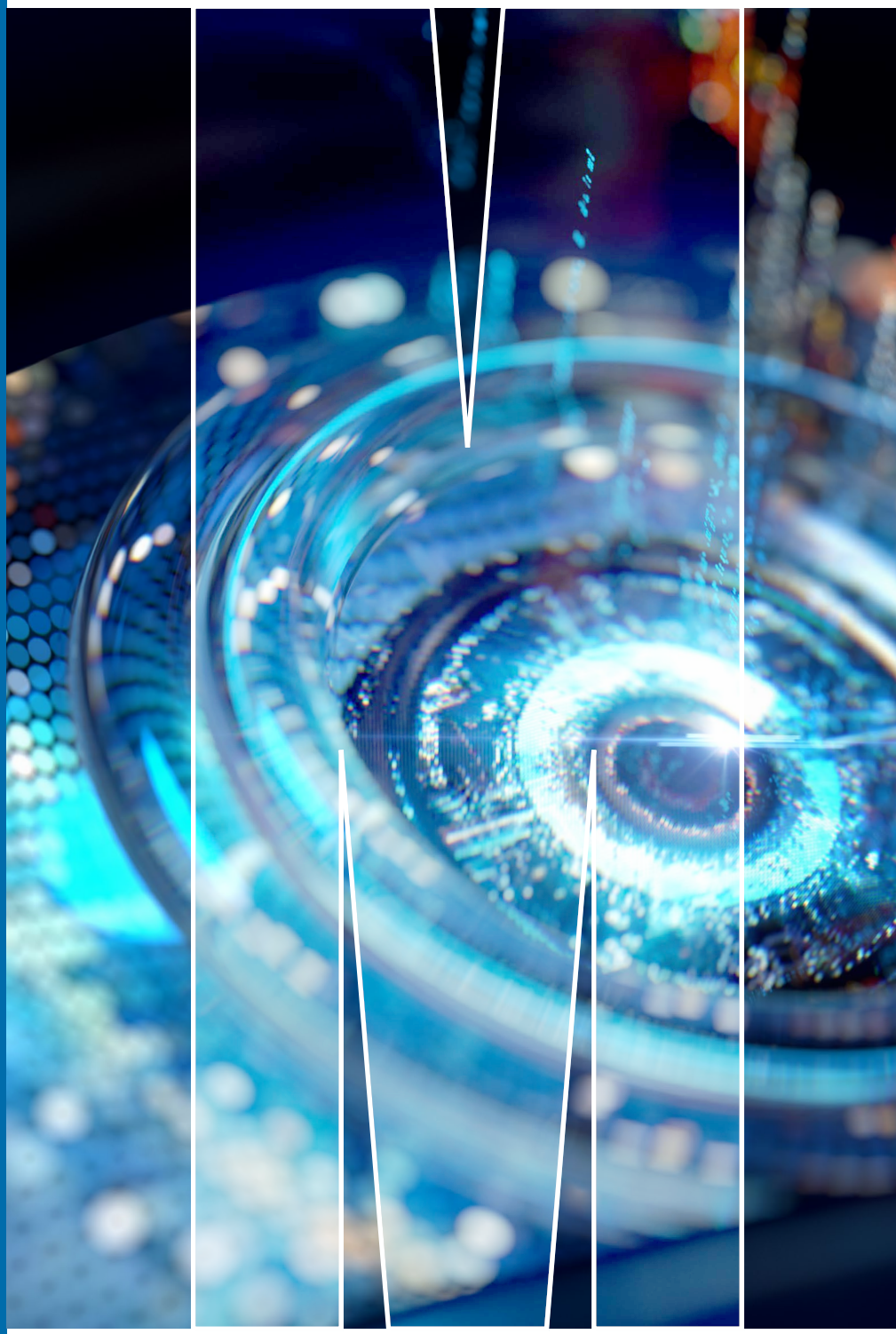
MONASH University

NEXT-GEN ENGINEERING LEADERS

SOUTHEAST UNIVERSITY – MONASH UNIVERSITY JOINT INTERNATIONAL SCHOOL (SUZHOU)

A prestigious joint delivery international education experience for tomorrow's engineering leaders.



In partnership between:

MONASH University | SOUTHEAST UNIVERSITY 東南大學

MONASH: IMPACT IN MOTION

OUR COMMUNITY

When you join Monash, you become part of a global community committed to improving the world. With our main base in Australia, campuses in Malaysia, Indonesia, China, India and Italy, and joint partnerships with leading international teaching institutions, our global network is connected by our shared values and a commitment to the communities we serve.

While each Monash campus has its own personality, all are friendly, inclusive and welcoming communities where you'll feel at home.

BUILD MOMENTUM WITH MONASH

As a university with a global footprint, we know we must play our part in solving the world's problems. We've harnessed our knowledge, capability, creativity and scale to make real change, every second of every day.

Consistently ranked as one of the world's top universities, our unprecedented global reach generates research and education that impacts and changes both lives and communities at scale.

We have the momentum to create the future we need for generations to come. There's no time to wait.

Whether you want to change your life, your career, your community, or the future, your journey starts at Monash.

100+
PARTNER UNIVERSITIES AROUND THE GLOBE

2
CAMPUS PARTNERSHIPS

INDIA
Mumbai

CHINA
Suzhou

8
CAMPUSES ACROSS 4 COUNTRIES

MELBOURNE
Clayton
Caulfield
Parkville
Peninsula
Alfred

ITALY
Prato

MALAYSIA
Kuala Lumpur

INDONESIA
Jakarta

UNIVERSITY-WIDE RANKINGS

#31 IN THE WORLD QS World University Rankings 2027	#37 IN THE WORLD QS Sustainability Rankings 2026	#38 IN THE WORLD US News and World Report Best Global University Rankings, 2025-2026
#58 IN THE WORLD Times Higher Education (THE) World University Rankings, 2026	#63 IN THE WORLD Times Higher Education (THE) World Reputation Rankings 2025	#76 IN THE WORLD ShanghaiRanking Academic Ranking of World Universities 2025

ACKNOWLEDGEMENT OF COUNTRY

Monash University recognises that its Australian campuses are located on the unceded lands of the people of the Kulin Nations, and pays its respects to their Elders, past and present.

LIVING IN MELBOURNE

Image: View of Melbourne city.

Melbourne is a vibrant, multicultural city that offers an abundance of cultural festivities, international sporting events, cafés and restaurants with cuisines from around the world, beautiful parks and beaches, and an eclectic mix of music and arts. As one of the world's most liveable cities,[1] you can expect excellence in public transport and healthcare, as well as opportunities for casual work while studying.

COST OF LIVING

Before you begin your studies at Monash, it's a good idea to plan and prepare a budget. Your tuition and study fees do not include personal costs such as accommodation, food and miscellaneous items. For information on budgeting for your lifestyle, visit:

monash.edu/cost-of-living

STUDENT ACCOMMODATION

Living on-campus is a great way to experience university life and make connections while you study. On-campus accommodation is available at the Clayton campus and our Residential Services support team is available to help you through the application and transition process.

If you prefer a little more independence, there is plenty of off-campus accommodation available. For more information on accommodation, visit:

monash.edu/accommodation

STUDENT LIFE AT MONASH

CLAYTON CAMPUS

Twenty kilometres from the centre of Melbourne, Monash's Clayton campus combines a vibrant research, technology, and manufacturing precinct with first-rate sporting facilities, shops, a student centre, libraries, a post office, banks, medical services, and religious centres.

monash.edu/study/student-life

SUPPORT SERVICES

University study takes commitment and drive, especially if you're moving to a new city or country. We can help you settle into university life by providing an extensive range of support programs and services including:

- Academic support
- Safety and security
- Careers counselling
- Disability services
- International student support
- Spirituality
- Monash Connect
- Skills Essentials seminars
- Health and counselling.

monash.edu/students/support

ORIENTATION

Our orientation service incorporates a series of programs to help students adjust to a new country and the Monash University environment.

monash.edu/orientation

1 Economist Intelligence Unit.

Image: Typical café in Melbourne.

Image: Southbank

Image: Brighton beach boxes, Victoria.

Image: Australian native wildlife (Penguins)

Image: Chadstone Shopping Centre

Image: The Shrine of Remembrance

Image: Great Ocean Road

Image: Aussie Rules football game.

MONASH ENGINEERS DESIGN THE FUTURE

Join a world-class engineering community at a global top 40 university*, where you'll develop innovative solutions to global challenges across chemical, mechanical, robotics and mechatronics engineering – graduating career-ready to lead industry, research and future-focused innovation.

MONASH NOVA ROVER

Student-led team competing in international rover competitions, designing and building Mars rovers. The team brings together students from engineering, science and IT to solve real-world space exploration challenges.

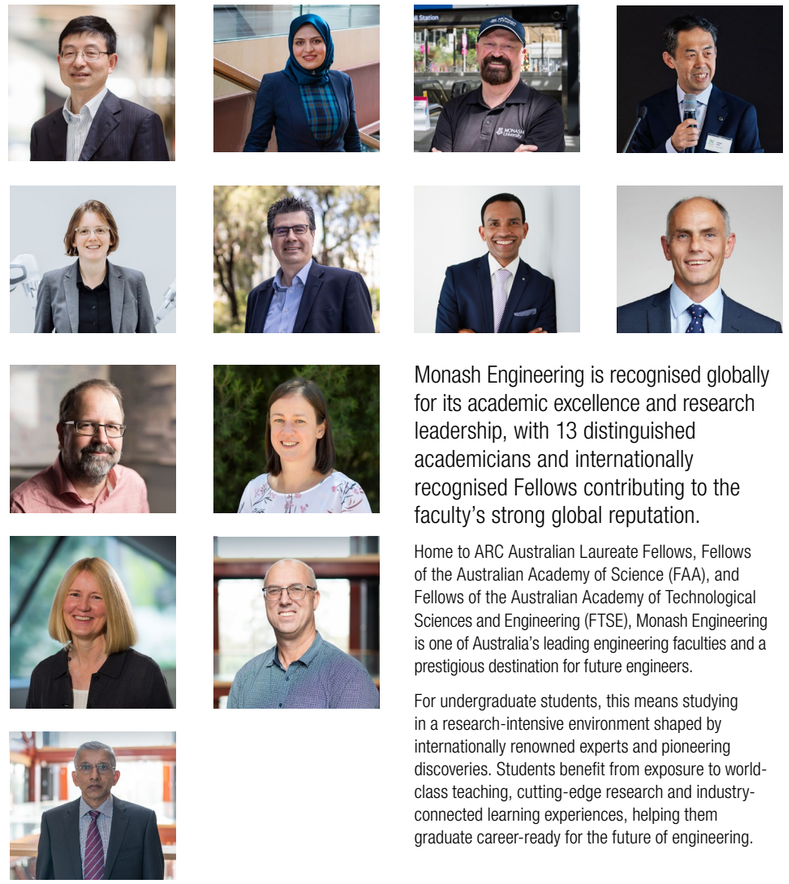
*WORLD RANKINGS

#31
IN THE WORLD QS WORLD UNIVERSITY RANKINGS 2027

#51
IN THE WORLD FOR ENGINEERING AND TECHNOLOGY
QS World University Rankings by Subject, 2026

TOP 100
IN 12 ENGINEERING SUBJECTS GLOBALLY
Academic Ranking of World Universities, 2025

WORLD-LEADING ENGINEERING ACADEMICS



Monash Engineering is recognised globally for its academic excellence and research leadership, with 13 distinguished academicians and internationally recognised Fellows contributing to the faculty's strong global reputation.

Home to ARC Australian Laureate Fellows, Fellows of the Australian Academy of Science (FAA), and Fellows of the Australian Academy of Technological Sciences and Engineering (FTSE), Monash Engineering is one of Australia's leading engineering faculties and a prestigious destination for future engineers.

For undergraduate students, this means studying in a research-intensive environment shaped by internationally renowned experts and pioneering discoveries. Students benefit from exposure to world-class teaching, cutting-edge research and industry-connected learning experiences, helping them graduate career-ready for the future of engineering.

GRADUATE OUTCOMES

98%
STUDENTS WHO DO A CO-OP INTERNSHIP RECEIVE A JOB OFFER FROM THE COMPANY

93.3%
MONASH ENGINEERING GRADUATES ARE IN FULL-TIME EMPLOYMENT WITHIN 4 MONTHS
2023 Graduate Outcomes Survey (QILT)

39K+
ENGINEERING ALUMNI FROM MORE THAN 90 COUNTRIES
2026

WORLD-CLASS FACILITIES

Learn the latest engineering concepts from professors and lecturers who are leaders in their fields.

TAKE A VIRTUAL TOUR AROUND SOME OF MONASH ENGINEERING'S FACILITIES

youtu.be/PysO9jpQUE8

Alan Finkel Building for Technology and Design

MONASH MAKERSPACE

The Monash Makerspace is a facility with the latest equipment for our students, staff, alumni and industry partners to come together to build, design and create, and encourage entrepreneurial activities.

Other student collaboration, design and technical lab spaces:

- Design and Build Studios: equipped with industry-standard simulation, prototyping, fabrication, and manufacturing facilities for student projects.
- Digital Makerspace: equipped with high-performance tools to support IT and engineering student teams in cultivating their technology, coding, and AI projects.
- Student Analytical Makerspace and Pilot Lab: purpose-built location for students to conduct wet-lab chemical and biological experiments. Featuring state-of-the-art analytical equipment, bench space and fume extraction, students can carry out experiments for their projects, in a controlled, safe environment, with technical staff on-hand where needed.
- Industry Innovation Studio: for students completing the Industry Innovation Program (IIP) to design, assemble and test industry projects.
- Monash Smart Manufacturing: offers an end to end, digitally connected, collaborative manufacturing system that interacts and responds to the changing environment and monitored processes in real-time, in the areas of Smart Manufacturing, Robotics, Digital Twins and AI.

ALAN FINKEL BUILDING FOR TECHNOLOGY AND DESIGN

The Alan Finkel Building for Technology and Design features the latest dynamic and interactive learning spaces, labs, and technology. The five-storey, smart-technology-enabled building is one of the world's most efficient and innovative teaching spaces. It fosters innovation and collaboration, allowing students to explore, design, construct, and investigate new technologies required for a sustainable energy future.

MONASH INNOVATION LABS

The Monash Innovation Labs is a vibrant ecosystem where industry partners, researchers, and students collaborate, with purpose-built infrastructure to spark insights and fast-track innovations.

The Industry Innovation, Co-operative Education, and Industry Doctoral programs are coordinated in the Monash Innovation Labs, providing students with opportunities to connect with industry, gain work experience, and boost employability.

MONASH TECHNOLOGY PRECINCT

The Monash Technology Precinct connects the university's top talent, government initiatives, and industry partners with powerful research infrastructure. The precinct has been recognised by the Global Institute for Innovation Districts (GIID) as an example of how effective land planning and zoning activities can enable innovation and foster a thriving, multipurpose ecosystem.

Monash is also home to world-class research facilities including:

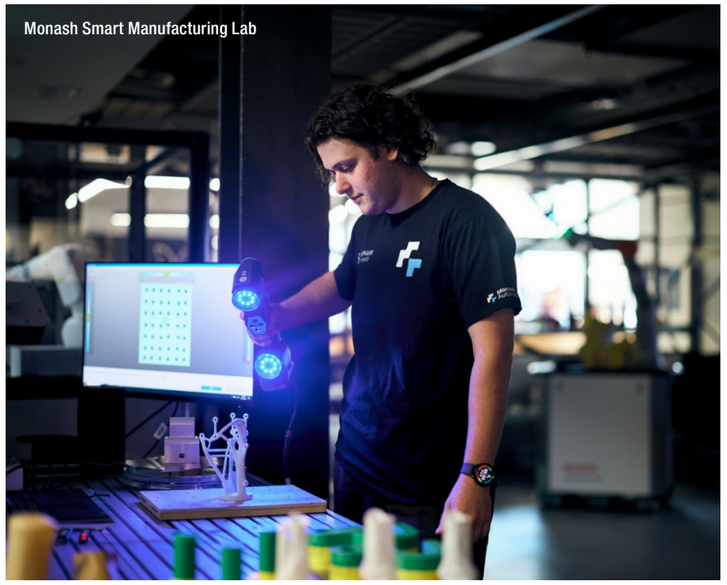
- New Horizons Research Centre
- Monash Centre for Additive Manufacturing (MCAM)
- Woodside FutureLab
- The TITAN Microscope
- X-ray Analytical Platform
- National Drop Weight Impact Testing Facility
- Monash Robotics Lab
- The Living Lab
- Australian Synchrotron.

Student Analytical Makerspace & Pilot Lab

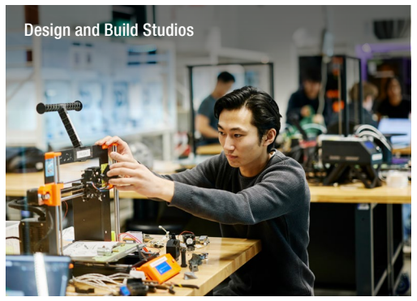
Monash Makerspace

New Horizons Research Centre

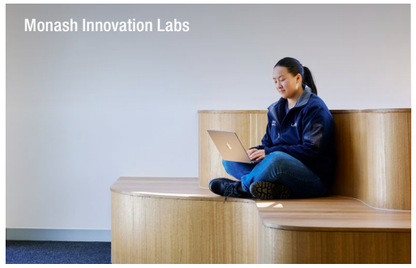
Monash Forge



Monash Smart Manufacturing Lab



Design and Build Studios



Monash Innovation Labs

Monash Robotics Lab

360° interactive lecture room

VIBRANT AND INCLUSIVE CAMPUS

Feel alive in a multicultural environment with exceptional social, cultural and sporting facilities, a huge range of food choices, medical and wellbeing services and a comprehensive orientation program.

LIFE-LONG CONNECTIONS

Build your networks through student teams, clubs and societies and our Monash Engineering alumni network of more than 39,000 graduates from 90 countries.

INDUSTRY EXPERIENCE
GRADUATE WORK-READY

Connect with industry on campus, undertake an internship or build your professional skills in the way that works best for you. Our programs help you develop leadership skills, think like an entrepreneur and gain real-world experience while you study. While you need strong academic knowledge, employers also value graduates who demonstrate interpersonal and communication skills, international perspectives, critical thinking and problem-solving abilities, giving you a competitive edge when you graduate.

PROFESSIONAL PRACTICE
Embedded within the degree, Monash Engineering's Professional Practice program allows students to tailor their learning and industry experience to their interests and career goals through paid and unpaid internships, Cooperative Education, industry projects, student competition teams and workplace-focused learning.

monash.edu/engineering/prof-practice

CONTINUOUS PROFESSIONAL DEVELOPMENT (CPD)
CPD is a compulsory requirement for Engineering students. You'll maintain an online record of work, volunteering, and personal and professional development activities you experience throughout your degree to help you complete the minimum 420 CPD hours required. When you graduate, your CPD Completion Certificate can be added to your resume and supports Engineers Australia certification.

monash.edu/engineering/CPD

CO-OPERATIVE EDUCATION PROGRAM (CO-OP)
3 or 6-month paid engineering internship with our industry partners, gain hands-on engineering skills and work experience that complements your studies and future.

monash.edu/engineering/coop

RESEARCH EXPERIENCE
Experience Monash's world-leading research through student teams, your Final-Year Project, or the Research, Experimentation and Discovery (RED) program, working alongside leading researchers.

monash.edu/engineering/red

ENGINEERING MENTORING PROGRAMS
Mentoring provides support, guidance, and career insights in engineering. Friends and Mentors in Engineering (FaME) helps new students settle in, while Alumni, Student, and Women in Engineering programs connect you with industry professionals for advice and experience.

monash.edu/engineering/mentoring

INDUSTRY INNOVATION PROGRAM (IIP)
Scholarship-based program with 3 or 6-month projects at the Monash Innovation Labs with our industry partners and academics on a project focused on innovation.

monash.edu/engineering/iip

EMPLOYABILITY SKILLS PROGRAM
Extend your learning beyond the classroom through professional development, industry and alumni engagement, and workshops to boost your employability and graduate prospects in the competitive job market.

monash.edu/engineering/esp

ENTREPRENEURSHIP
Turn your ideas into reality with The Generator, Monash's entrepreneurial hub offering hands-on learning, mentorship, seed funding and a community to support your startup or social enterprise.

monash.edu/entrepreneurship

> The Monash students have worked and contributed to our perception system and how we code it, our flight safety calculations, and also our business system programs where Prime Air has to integrate into the Amazon ecosystem – not a simple thing. Their fresh view has been fantastic. The feedback from our managers and leaders is: the students were able, with instruction, to bolt in and to work through projects and add value to us. And hopefully, we added value to their experience along the way."
>
> **DAVID CARBON**
> Vice President
> Prime Air at Amazon

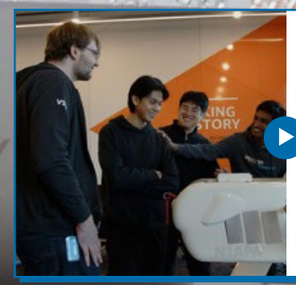
INDUSTRY EXPERIENCE TO SET YOU UP FOR SUCCESS

Monash Engineering students had the opportunity to travel to Seattle, United States, for a summer internship at Amazon Prime Air, where they contributed to developing the next-generation drone delivery system. Working alongside technical mentors, managers, and fellow interns, they developed innovative solutions while gaining hands-on experience with cutting-edge technology and tools at a leading global technology company.

Chris Yu, a recent Robotics and Mechatronics Engineering and Computer Science graduate who interned at Amazon, is now employed there as a Software Developer. In his fifth year, he undertook a Co-op internship to gain a clearer understanding of his career aspirations.

"I worked on a project to securely log and compress video images from drone flights so they can be transferred over PCIEs and stored for future use. The stand-out moment of my internship was producing my first demo. Following the research, I developed existing code and ran performance tests to identify and nominate a candidate solution. The proposed solution I produced was vital and will contribute to the final product in the next major release. After my time at Amazon, working alongside some incredible people, it has motivated me to strive for better – there's a lot I want to achieve in my lifetime."

98%
OF STUDENTS RECEIVE JOB OFFERS FROM THEIR CO-OP EMPLOYER



SEE WHAT IT'S LIKE TO INTERN AT AMAZON PRIME AIR
Scan or visit:
youtu.be/bkocpLRMO7Y

STUDENT TEAMS AND CLUBS

Student-led teams, clubs and societies can give you a head start and prepare you for your career, providing opportunities to put theory into practice in a design-build-compete environment. Develop hands-on skills, solve real problems and compete on the world stage. Form lasting friendships, industry connections and develop your professional skills whilst pursuing areas you're passionate about.

Joining a student team will set you up for career success. It's how you distinguish yourself from the crowd and demonstrate to future employers that you can translate your studies into practice. You'll get to experience authentic, real-world projects and challenges. Work in diverse, multidisciplinary teams to deliver innovative products or drive change to make the world a better place.

Our student-run clubs and societies provide opportunities to connect with like-minded people, learn new skills and network with professional engineers to expand your circles and employment opportunities. Build strong links with the local engineering industry and take advantage of innovative facilities and leading research. Some of the groups are:

MONASH ENGINEERING STUDENTS' SOCIETY (MESS)

MESS is a not-for-profit organisation that'll enrich your Monash experience through social, academic and industry experiences that are engaging and fun. MESS also produces an annual engineering careers guide, a useful resource to help you secure a job after you graduate.

MONASH NOVA ROVER

Design and build the next generation Mars and Lunar rovers. The team compete in the University Rover Challenge at the Mars Desert Research Station in the United States and the Australian Rover Challenge.

MONASH HIGH POWERED ROCKETRY (HPR)

HPR is a student team dedicated to the design, analysis and construction of high-powered rockets. They compete in the world's largest rocketry competition, the Spaceport America Cup.

MONASH SUSTAINABLE BUILDINGS

A multidisciplinary team of Engineering, Science, and Art Design and Architecture students whose mission is to create practical net-zero designs that give back to the environment and community. The team has competed in and won international competitions for their sustainable and innovative designs.

ROBOGALS MONASH

Robogals Monash is a not-for-profit organisation that aims to encourage more young women to pursue STEM career opportunities, with a focus on engineering. Robogals offers opportunities to strengthen your communication and leadership skills, and gives volunteers access to professional development opportunities within an international organisation.

MONASH DEEPNEURON (MDN)

MDN is a student-led team dedicated to advancing Artificial Intelligence (AI) and High-Performance Computing (HPC) for real-world impact. Through cutting-edge projects, workshops, and initiatives, the team explores Machine Learning, Deep Learning, Neural Networks, and Generative AI. With a strong focus on outreach and education, MDN aims to make AI and HPC more accessible, fostering understanding and innovation for all.

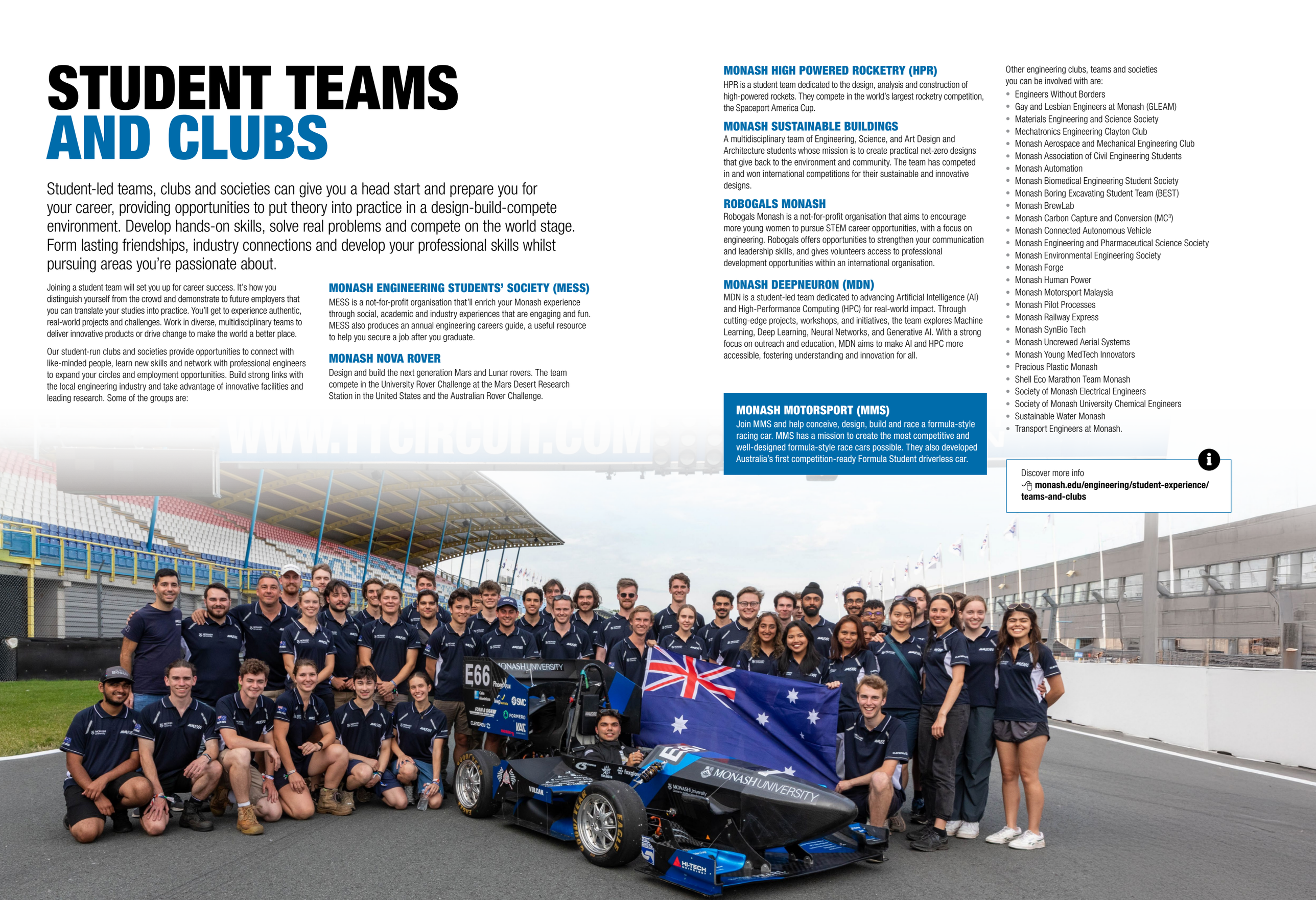
MONASH MOTORSPORT (MMS)

Join MMS and help conceive, design, build and race a formula-style racing car. MMS has a mission to create the most competitive and well-designed formula-style race cars possible. They also developed Australia's first competition-ready Formula Student driverless car.

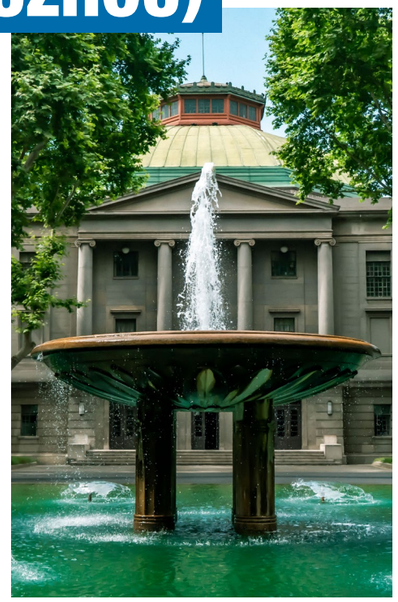
Other engineering clubs, teams and societies you can be involved with are:

- Engineers Without Borders
- Gay and Lesbian Engineers at Monash (GLEAM)
- Materials Engineering and Science Society
- Mechatronics Engineering Clayton Club
- Monash Aerospace and Mechanical Engineering Club
- Monash Association of Civil Engineering Students
- Monash Automation
- Monash Biomedical Engineering Student Society
- Monash Boring Excavating Student Team (BEST)
- Monash BrewLab
- Monash Carbon Capture and Conversion (MC^3)
- Monash Connected Autonomous Vehicle
- Monash Engineering and Pharmaceutical Science Society
- Monash Environmental Engineering Society
- Monash Forge
- Monash Human Power
- Monash Motorsport Malaysia
- Monash Pilot Processes
- Monash Railway Express
- Monash SynBio Tech
- Monash Uncrewed Aerial Systems
- Monash Young MedTech Innovators
- Precious Plastic Monash
- Shell Eco Marathon Team Monash
- Society of Monash Electrical Engineers
- Society of Monash University Chemical Engineers
- Sustainable Water Monash
- Transport Engineers at Monash.

Discover more info
monash.edu/engineering/student-experience/teams-and-clubs



SOUTHEAST UNIVERSITY – MONASH UNIVERSITY JOINT INTERNATIONAL SCHOOL (SUZHOU)



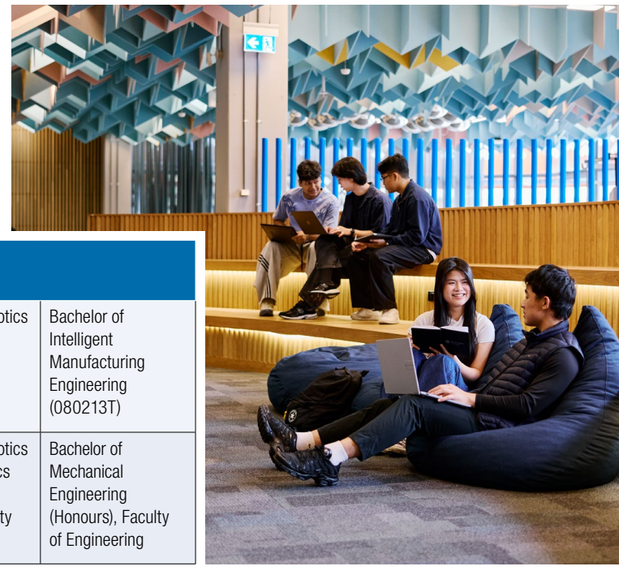
In May 2026, China's Ministry of Education officially approved the renaming of the Southeast University–Monash University Joint Graduate School to the Southeast University–Monash University Joint International School (Suzhou). From 2026, the School will begin recruiting undergraduate students, enrolling 300 students annually across three future-focused engineering courses:

- Intelligent Manufacturing Engineering
- New Energy Science and Engineering
- Robotics Engineering.

The establishment of the Southeast University–Monash University Joint International School (Suzhou) marks a new chapter in the long-standing partnership between the two universities, extending collaboration across undergraduate, postgraduate and doctoral education. Building on more than a decade of successful cooperation since the establishment of the Joint Graduate School in 2012, the partnership has educated more than 2000 postgraduate and doctoral students in areas including Electrical Engineering, Computer Science and Engineering, Artificial Intelligence, Electronic Information and Biomedicine.

2+2 UNDERGRADUATE PROGRAMS

Students joining these 2+2 undergraduate programs will complete the first two years of study at Southeast University in Suzhou before progressing to Monash University's Clayton campus in Melbourne for the final two years of their degree. Combining Monash University's globally recognised education and international outlook as a university ranked 31st in the world with Southeast University's strong engineering expertise, the programs aim to develop globally minded engineering graduates equipped with innovation capability, industry knowledge and practical skills for future industries.



COURSE DURATION	TEACHING LOCATION	COURSES		
1st year and 2nd year	Southeast University–Monash University Joint International School (Suzhou), China	Bachelor of New Energy Science and Engineering (080503T)	Bachelor of Robotics Engineering (080803T)	Bachelor of Intelligent Manufacturing Engineering (080213T)
3rd year and 4th year	Clayton campus, Monash University, Australia	Bachelor of Chemical Engineering (Honours), Faculty of Engineering	Bachelor of Robotics and Mechatronics Engineering (Honours), Faculty of Engineering	Bachelor of Mechanical Engineering (Honours), Faculty of Engineering

Upon graduation, students who meet the graduation and degree-awarding requirements of both universities will receive the following **three credentials**:

- Undergraduate Graduation Certificate from Southeast University
- Bachelor's Degree Certificate from Southeast University
- Bachelor's Degree (Honours) Certificate from Monash University

FEES

Tuition fees for the first two years of study at the Southeast University–Monash University Joint International School (Suzhou), will not exceed RMB 100,000 per student per year.

Tuition fees for studies completed at Monash University are charged in accordance with Monash University's standard international tuition fee rates for the relevant course. In 2026, the indicative tuition fee is **A$59,600 per year**, based on a full-time study load of 48 credit points in this course. Tuition fees are reviewed annually and may change. Further information on fees, **visit: monash.edu/fees**

CHEMICAL ENGINEERING

Chemical engineering blends chemistry with engineering and other fields including biological science, environmental science, nanotechnology, pharmaceutical science, mathematical modelling, artificial intelligence and digitalisation, mineral processing, management and economics. Many everyday items involve chemical engineering during some stage of their production: pharmaceuticals, computer chips, mobile phones, catalysts, food and water, and our fossil fuel and renewable energy sources, to name just a few.

Chemical engineers invent, develop, design and improve the sustainability of processes that convert raw materials and wastes into useful products, with minimal environmental impact. They're also involved with pollution control, energy generation and conservation, recovering energy from waste and renewable resources, and protection of the environment.

A selection of high-achieving students are given the opportunity to undertake integrated industrial training in their final year. You'll have the benefit of expert industry lecturers teaching several units in third and fourth year, in addition to frequent industry guest lecturers.

Discover more at
monash.edu/engineering/specialisations/chemical

CAREER OPTIONS

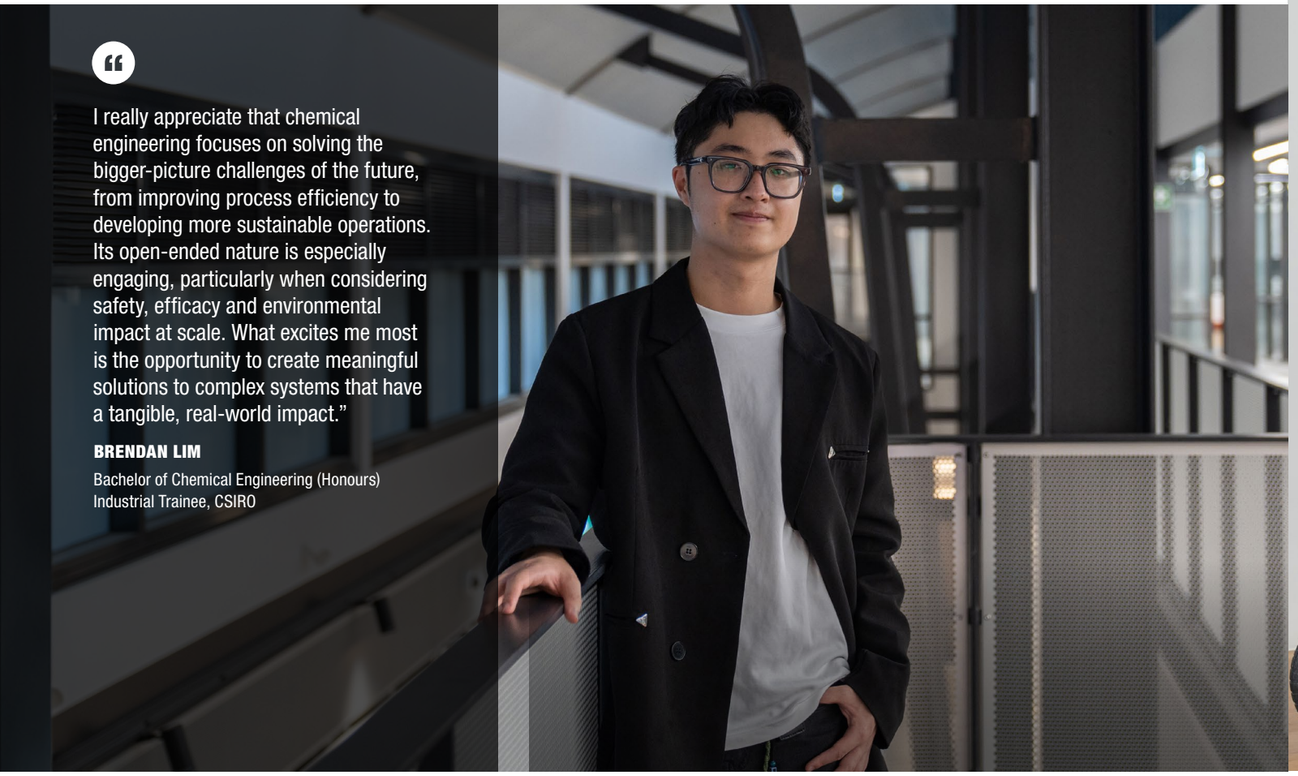
As a chemical engineer, you can:

- develop alternative fuels and renewable sources for chemicals, pharmaceuticals and power production
- design, develop or improve industrial processes and equipment for large-scale chemical and biochemical manufacturing
- design processes to capture carbon to combat global warming
- plan and test methods of manufacturing
- improve energy efficiency or reduce water and resource consumption at manufacturing sites
- develop sustainable methods for the upcycling of byproducts and waste from manufacturing processes
- devise green production processes that are safe, efficient, profitable and environmentally sound
- research naturally-occurring chemical reactions so that these processes can be copied for human benefit
- conduct environmental impact studies
- develop and implement lower emission production technologies
- research and develop new processes and products including mathematical modelling, artificial intelligence and digitalisation
- design, develop and use advanced and renewable materials.

PROGRESS TO PHD DEGREE

SEU–Monash Joint International School students may also consider progressing to a PhD at Monash University's Faculty of Engineering.* Students who achieve a WAM of 80 or above across their final two years at Monash may be eligible for a fully funded PhD scholarship, including a living allowance stipend of approximately AUD $37,500 per annum (2026 rate).

*Subject to meeting the relevant academic and admission requirements.



"I really appreciate that chemical engineering focuses on solving the bigger-picture challenges of the future, from improving process efficiency to developing more sustainable operations. Its open-ended nature is especially engaging, particularly when considering safety, efficacy and environmental impact at scale. What excites me most is the opportunity to create meaningful solutions to complex systems that have a tangible, real-world impact."

BRENDAN LIM
Bachelor of Chemical Engineering (Honours)
Industrial Trainee, CSIRO

MECHANICAL ENGINEERING

Mechanical engineering is about the intelligent and efficient use of motion and energy to create, manufacture and assemble designs, from the simplest to the most complex. It builds on physics, chemistry, materials, mathematics and biology. Growth industries include advanced manufacturing, smart buildings, renewable energy and medical engineering.

Mechanical engineers are increasingly engaged in the design and operation of devices that require skills that cross traditional discipline boundaries. As a mechanical engineer, you can build a career in industries including power generation, water distribution, biomedical, mass transportation and air travel.

You can use your skills to improve life on earth and in space. From designing sustainable living spaces to cost-effective products for the developing world. You could even create a safe and reliable human habitat to support future space exploration.

CAREER OPTIONS

As a mechanical engineer you will discover countless opportunities in a wide range of industries in Australia and overseas. You could pursue one or more of these specialist areas:

- building systems engineering
- advanced manufacturing
- robotics and automation
- advanced engineering analyses
- food production
- medical device technologies
- advanced composite structures
- micro and nano technologies
- wind engineering
- sustainable engineering systems
- renewable energy systems.

PROGRESS TO PHD DEGREE

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*Subject to meeting the relevant academic and admission requirements.

Discover more at
monash.edu/engineering/specialisations/mechanical

"The highlight of my time at Monash has been being part of Monash Nova Rover. Working with like-minded, passionate and dedicated students to develop lunar and Martian rovers, and their interchangeable payloads, has been life-changing. It also gave me the opportunity to travel overseas to the United States for the University Rover Challenge, interstate for the Australian Rover Challenge, and to conferences such as the International Astronautical Congress."

ZACHARY WARTON
Bachelor of Mechanical Engineering (Honours) and Bachelor of Science
Chief Executive Officer, Monash Nova Rover
2026 New Colombo Plan Scholar (Japan)

ROBOTICS AND MECHATRONICS ENGINEERING

Robotics and mechatronics is where mechanical and electrical engineering meet, employing computer science and control systems to make devices smarter and more efficient.

As a robotics and mechatronics engineer you could create rovers for planetary exploration or robots for precision manufacturing or to assist the elderly. Alternatively, you might convert a household product into a truly clever device, and create the programs that control it.

You'll learn how to handle vast amounts of data and extract critical information from data in real time so that a fully automated manufacturing facility can operate safely and efficiently, or a car can drive completely autonomously.

Robotics and mechatronics engineers are in high demand. Their expertise is required in many industries including advanced manufacturing, aerospace, medicine, defence, transportation and data analysis.

CAREER OPTIONS

You'll be equipped with the knowledge and skills to design, develop, manufacture and operate the intelligent products and complex systems of today and tomorrow. There are also opportunities in consulting, management and finance. You may also pursue a career in research and development, in academia, research institutions or advanced industry sectors. Opportunities exist in:

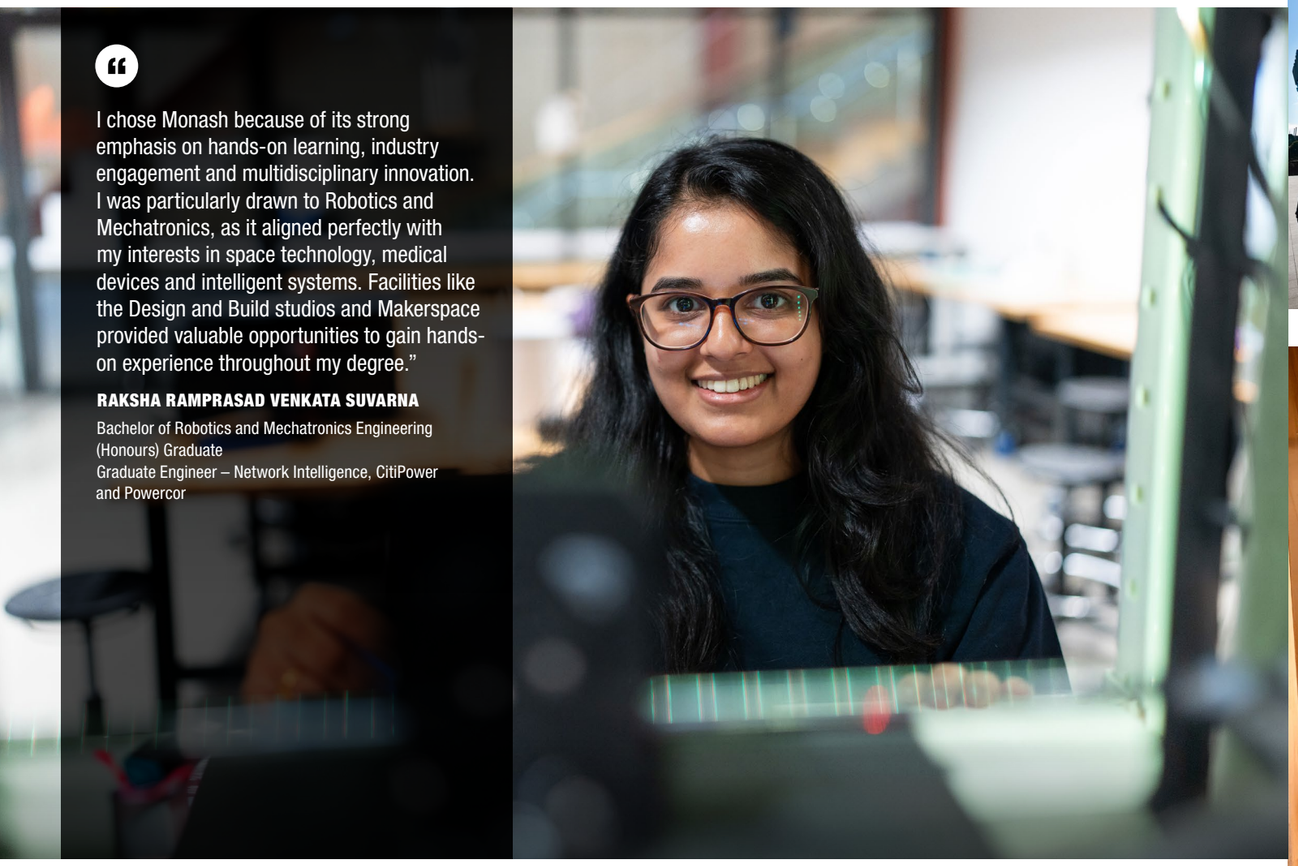
- robotics and automation
- aerospace systems and flight control
- artificial intelligence
- bioengineering
- defence
- intelligent systems for motor vehicles
- manufacturing systems and processes
- telecommunications
- medical systems
- software engineering
- mining systems and processes
- nanotechnology.

PROGRESS TO PHD DEGREE

SEU–Monash Joint International School students may also consider progressing to a PhD at Monash University's Faculty of Engineering.* Students who achieve a WAM of 80 or above across their final two years at Monash may be eligible for a fully funded PhD scholarship, including a living allowance stipend of approximately AUD $37,500 per annum (2026 rate).

*Subject to meeting the relevant academic and admission requirements.

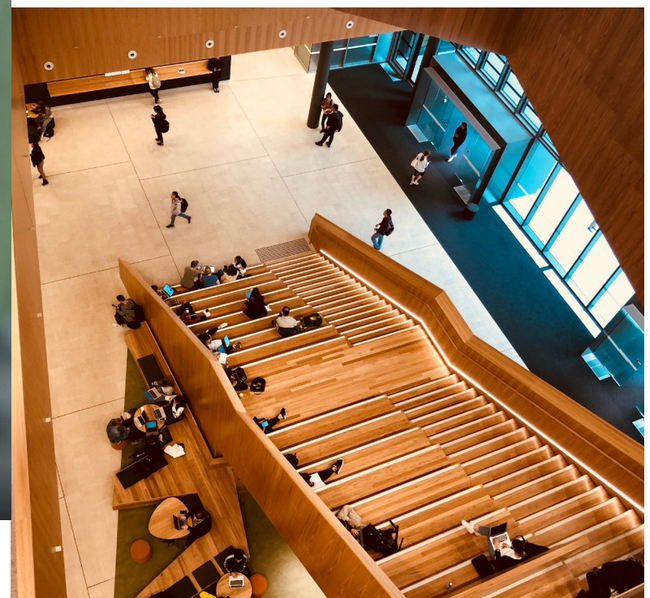
Discover more at
monash.edu/engineering/specialisations/robotics-mechatronics



"I chose Monash because of its strong emphasis on hands-on learning, industry engagement and multidisciplinary innovation. I was particularly drawn to Robotics and Mechatronics, as it aligned perfectly with my interests in space technology, medical devices and intelligent systems. Facilities like the Design and Build studios and Makerspace provided valuable opportunities to gain hands-on experience throughout my degree."

RAKSHA RAMPRASAD VENKATA SUVARNA

Bachelor of Robotics and Mechatronics Engineering (Honours) Graduate
Graduate Engineer – Network Intelligence, CitiPower and Powercor



HOW TO APPLY

Chinese students will apply for entry to the Southeast University–Monash University Joint International School (Suzhou) using their Gaokao results.

Students enrolled may apply in their second year to progress to Monash University, where they will complete their third and fourth years of study, with support and guidance from the Southeast University–Monash University Joint International School (Suzhou).

For information on entry requirements and accessing the admissions portal, please call:
Ms. Zhang 0512-62997879
Ms. Sun 0512-62997893.

INTAKE

Students transferring to Monash will join the July intake and study at Monash for two years.

FEES

A$59,600 annual average fee per 48 credit points of study in this course for 2026. Fees change every year, please visit **monash.edu/fees** for more information.

STUDY GRANTS

We're committed to seeking out, rewarding and supporting our engineering students who want to change the world for the better. All SEU-Monash Sino-Foreign Cooperative Education Undergraduate Program transfer students will be automatically assessed for an International Study Grant offer.

Study Grants are offered at $10,000 AUD per year for a maximum duration of 2 years, subject to availability and limited in number.

PATHWAY TO PHD

Students participating in the "2+2" program who achieve outstanding academic results may consider applying directly to pursue a doctoral degree at Monash, with priority consideration given for admission; Students who graduate with First Class Honours (i.e., an average score of 80% or above) will have the opportunity to receive a full tuition fee waiver during their doctoral studies, as well as the chance to secure additional living allowance scholarships.

ACADEMIC ENTRY REQUIREMENTS

To successfully transfer to Monash University under this Cooperative Education program, students must:

- Successfully complete the first two years of the appropriate Bachelor degree at Southeast University with an overall GPA of 2.0
- Successfully complete the units approved as equivalent to Monash University units.

ENGLISH ENTRY REQUIREMENTS

When you apply for a Monash University undergraduate course you must satisfy English entry requirements.

Overall band score	Listening	REading	Speaking	Writing	**Total score**	Listening	Reading	Speaking	Writing	**Overall score**	Listening	Reading	Speaking	Writing
Level Academic IELTS					Internet Based TOEFL					Pearson Test of English (Academic)				
6.5	6.0	6.0	6.0	6.0	**79**	12	13	18	21	**58**	50	50	50	50

MONASH University

MONASH ENGINEERING

monash.edu/engineering

FUTURE STUDENT ENQUIRIES

International students

T Australia freecall: 1800 MONASH (666 274)
T +61 3 9903 4788 (outside Australia)
E study@monash.edu

CONNECT WITH US ON CHINA SOCIAL MEDIA

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澳大利亚蒙纳士大学

Monash is proud to have the following industry partners who support our students through scholarships, prizes, the Employability Skills Program and Co-operative Education Internship Program:

4DMedical, Agilent, ANTEST, Aston Dynamics Engineering Excellence, aurecon, Bega, Bosch Invented for life, CORE MARKETS, ElectraLith, Australia FERA, GELTEQ, HITACHI Inspire the Next, John Holland, prime air, PSCBiotech, QANTAS, TELSTRA, VCrete Contractors

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