

# Targeted universities in the Australia

Vingroup Science & Technology Scholarship Program

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**Australian  
National  
University**

**Australian National University (ANU)** is a world-leading university in Australia's capital city, Canberra. Led by Nobel Laureate Brian Schmidt, ANU has a global reputation for distinctive research and our teaching programs are acknowledged to be among Australia's best. ANU is the only Australian member of the International Alliance of Research Universities (IARU), which gives students and staff opportunities for collaboration and exchange and contributes to the University's rich intellectual climate.

*Source: QS World University Rankings*

Website: <http://www.anu.edu.au/>



**The University of Melbourne** is a public research university located in Melbourne, Australia. Founded in 1853, it is Australia's second oldest university and the oldest in Victoria. The QS World University Rankings 2019 ranks Melbourne 39th globally and ranked sixth in the world according to the 2019 QS Graduate Employability Rankings. Ten Nobel laureates have been students or faculty, the most of any Australian university.

*Source: QS World University Rankings; UniMelb website*

Website: <https://www.unimelb.edu.au/>

## About

**Monash University** is the largest university in Australia, ranked in the world's top 100 and a member of the prestigious Group of Eight. In many disciplines, Monash is ranked in the top 50 of the world. According to The QS World University Rankings by Subject 2019, Applied Biology at Monash is ranked 34<sup>th</sup>, 50<sup>th</sup> for Computer Science and Information Technology (AI, Machine Learning, Big Data), and ranked 51-100 for Electrical Engineering.

After establishing the very first campus in Clayton more than 50 years ago, Monash University has continued to expand its reach. Today, Monash is the largest university in Australia, having a campus in Malaysia, a study centre in Italy, a Research Academy in India; and a Joint Graduate School in China. The university currently has over 75,000 students studying and undertaking research across our Australian campuses and international locations.

Monash is a comprehensive university with ten faculties overseeing teaching and research programs. These are the Faculties of Art, Design and Architecture, Arts, Business and Economics, Education, Engineering, Law, Information Technology, Medicine, Nursing and Health Sciences, Pharmacy, and Science.

## Further information

Website: <https://www.monash.edu/>

Vingroup Scholarship at Monash: <https://www.monash.edu/international/global-engagement/international-sponsor-relations/vingroup-scholarships>

## Fields of study

Monash University offers a wide variety of graduate programs that are supported by the Vingroup Science & Technology Scholarship Program including:

**Biology** (Genetics) & **Applied Biology** (Cell biology, Stem cells, Molecular Biology)

**Computer Science and Information Technology** (AI, Machine Learning, Big Data). The Faculty is organized into the following research areas:

- Computer-Human Interaction and Creativity (CHIC)
- Data Science
- Organizational and Social Informatics (COSI)
- Cyber Security and Systems

**Information Security** with research areas include research areas: cryptography, blockchain, cryptocurrency technology, big data security, privacy enhanced technology, trusted computing, IoT security, biometric security, and network security.

**Electronics – Telecommunications engineering:** signal processing and mathematical optimization, orthogonal frequency division multiplexing for optical and radio wireless transmission, and photonics.

**Biomedical engineering:** The Monash Institute of Medical Engineering (MIME) fosters and coordinates translational medtech research across Monash University faculties, partner hospitals and collaborating medical research institutions. The 3 themes of MIME are neuroscience and vision; cardiovascular and pulmonary and therapeutics and regenerative medicine.

**Control and automation engineering:** Research is conducted on advancing robotic capabilities, automation, and intelligent sensing, with applications in a very diverse range of areas including robotic assisted surgery, cell manipulation, unmanned vehicles, and service robotics for railways and aerospace maintenance.

**Electrical engineering:** Research spans a wide variety of disciplines including Wireless Telecommunications, Optical Communications and Networking, Internet of Things, Smart Power Systems, Robotics and Artificial Intelligence, Biomedical Engineering, Electromagnetics and Electronics, Optimization, Information Processing, Control and Decision Systems.

**Mechanical Engineering and Mechatronics Engineering:** Solid mechanics, robotics, and control, advanced manufacturing, and micro/nano engineering.

*Source: QS World University Rankings*



**UNSW**  
SYDNEY

**University of New South Wales** or UNSW Sydney is one of the world's leading research and teaching universities. Established in 1949, it is ranked 4th in Australia, 45th in the world, and 2nd in New South Wales according to the 2018 QS World University Rankings. UNSW's main campus is located on a 38-hectare site at Kensington, seven kilometers from the center of Sydney, is voted as the 9th best student city in the world.

*Source: QS World University Rankings*

Website: <https://www.unsw.edu.au/>



**THE UNIVERSITY  
OF QUEENSLAND**  
AUSTRALIA

**The University of Queensland** (UQ) is one of only three Australian members of the global Universitas 21 and is a founding member of the prestigious Group of Eight (Go8) universities. UQ is considered to be one of Australia's leading universities, and is ranked as the 48th most reputable university in the world. UQ has two Nobel laureates (Peter C. Doherty and John Harsanyi) and about a hundred Rhodes Scholars among its alumni and staff.

*Source: QS World University Rankings*

Website: <https://uq.edu.au/>



THE UNIVERSITY OF  
**SYDNEY**

Currently ranked 4th in the world, and 1st in Australia, for graduate employability\*, the **University of Sydney** is also consistently placed among the top 50 universities in the world in 2016 and 2017. In 2018-19, the QS World University Rankings ranked Sydney as one of the world's top 25 most reputable universities, and its graduates as the top 5 most employable in the world and first in Australia.

*Source: QS World University Rankings*

Website: <https://sydney.edu.au/>



The **University of Technology Sydney** (UTS) is a public research university located in Sydney, Australia and was founded in its current form in 1988. UTS is regarded as one of the world's leading young universities (under 50 years old), ranked 1st in Australia and 10th in the world by the 2019 QS World University Rankings.

*Source: QS World University Rankings*

Website: <https://www.uts.edu.au/>