



Curtin Singapore



***A global university campus with research expertise
for the ASEAN region***

curtin.edu.sg



Looking ever forward

Hello and welcome. My name is Linley Lord and I'm the Pro Vice-Chancellor and President of Curtin Singapore. I am delighted to introduce Curtin Singapore, one of Curtin University's global campuses to you.

Curtin Singapore is at an exciting stage of its development. We have recently moved to our new campus at The Alpha in the Singapore Science Park 2 precinct where we are co-located with industry. My vision for Curtin Singapore is that through our new campus location, the expansion of courses we offer and our research that we will be a highly respected Australian university in Singapore that is industry engaged with graduates sought after across a range of industries including for the jobs and roles yet to be invented. As our research and industry engagement increases, we look forward to working with our colleagues across Curtin's global campuses as well as building strong collaboration with universities here in Singapore and in the region.

We are developing our research capacity and capability through the Curtin Singapore ASEAN Centre. Our focus is on research that will address the challenges and opportunities for Singapore and the ASEAN region with particular emphasis on the Sustainable Development Goals.

As we build our research innovation and entrepreneurship capabilities, we will continue our emphasis on student engagement and enhancing the student experience including through our engagement with industry. This provides students with great learning opportunities and ensures that our research and the courses we offer are relevant to the needs of Singapore and the region.

We look forward to working with you to address current and emerging challenges and to finding new solutions that will benefit the communities we serve.

Mission

Transform lives and communities through education and research.

2030 Vision

A recognised global leader in research, education and engagement.

Curtin values

*Building on a foundation of **integrity** and **respect**, and through **courage**, we will achieve **excellence** and have an **impact** on the communities we serve.*

Our rankings: among the world's best

Recognised rankings can be a useful comparison for prospective students, both undergraduate and postgraduate, when trying to decide which university will suit them. Indications of the culture of the university, its teaching quality and student resources, and the employability of its graduates offer helpful information.

This is a summary of Curtin University's main international and national rankings.

Top 1% of world universities

Curtin ranks in the top 1% of universities worldwide in the Academic Ranking of World Universities¹, a highly respected ranking system that emphasises research performance.

95% of research 'at or above world standard'

Our research excellence is reflected in the government's routine research assessment, Excellence in Research for Australia (ERA). In the most recent ERA², of Curtin's fields of research assessed, 95% were rated 'at or above world standard'.

5-stars plus

Curtin has a QS Five Stars Plus³ rating – the highest possible for a tertiary education institution. It means we received top ratings for all assessed categories, namely:

- teaching
- research
- facilities
- innovation
- employability
- inclusiveness
- internationalisation.

Top 200 ... and rising

Curtin has had a sustained climb in the QS World University Rankings and is now ranked in the top 200 globally, based on academic reputation, employer reputation, research performance and internationalisation⁴.

High marks for industry subjects

In the QS World University Rankings by Subject⁵, Curtin has four subjects ranked in the top 50 in resources industry areas – including second in the world for mineral and mining engineering.

1 ARWU 2021

2 ERA 2018

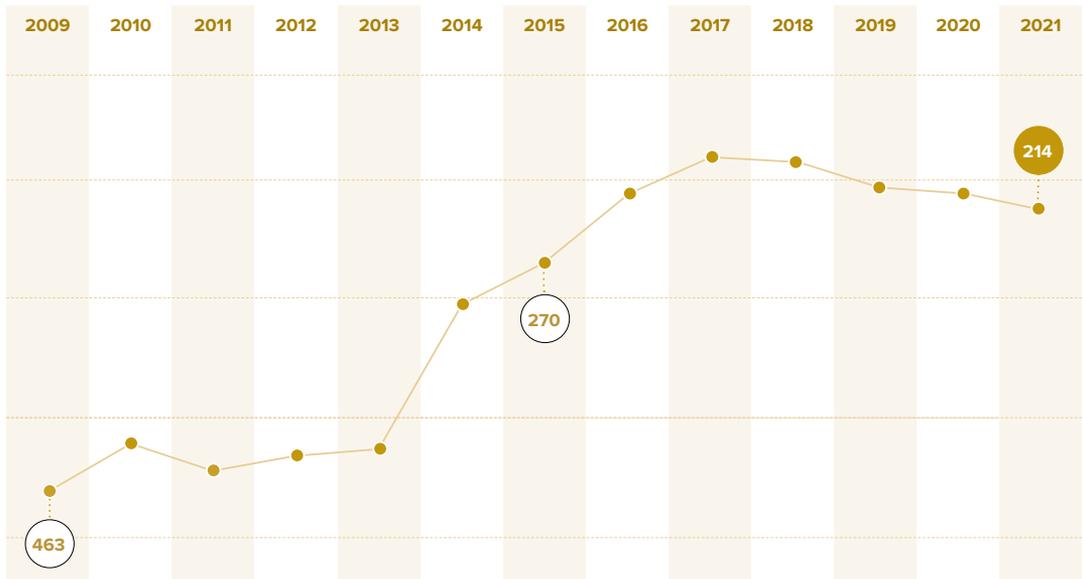
3. QS Stars 2021

4. QSWUR 2023

5. QSWUR by Subject 2021



Global rankings - ARWU



Our global campuses

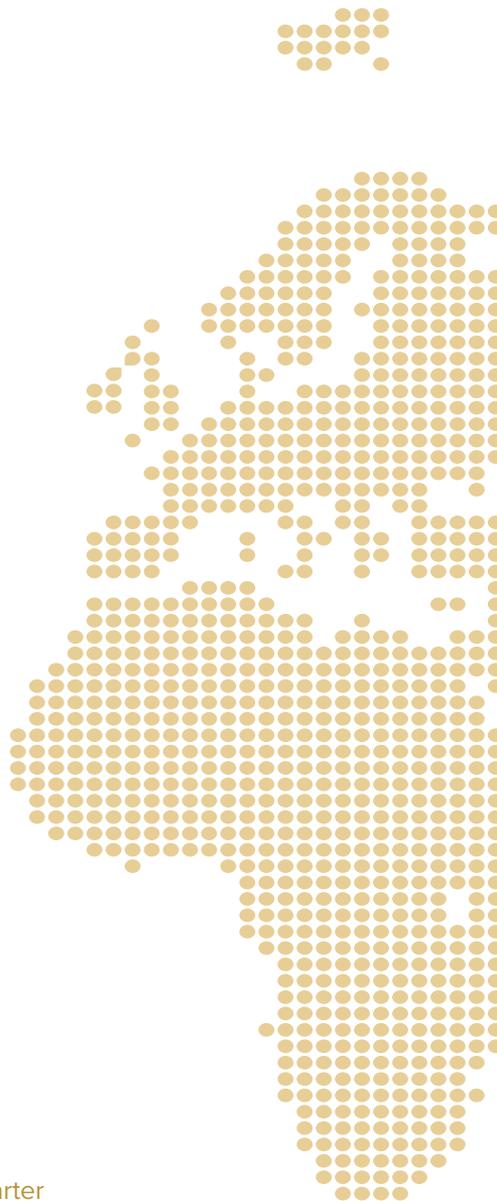
Curtin has achieved a great deal as a relatively young university. Our global growth has resulted from an aspirational global vision, and awareness of the changing needs of communities and industries. In addition to our Western Australian campuses, Curtin now has university campuses in Malaysia, Singapore, Dubai and Mauritius, and has education partnerships with more than 130 institutions worldwide.

Although each campus has been established to provide higher education opportunities for its local communities, and to serve the interests of our host nation, our international campuses offer new learning experiences to students studying at other Curtin campuses. These opportunities provide invaluable cultural and educational experiences, and can help to establish global careers.

Being a future-focused university, Curtin aims to continue growing our global services. As such, we welcome opportunities for collaborations – through education partnerships and integrated campuses, for example – that can offer high-quality learning experiences for communities around the world.



Curtin has more than 56,000 students, around a quarter of whom are from a country other than Australia. Some of our courses allow students to move between locations during their studies, providing invaluable personal and academic opportunities.





DUBAI

SINGAPORE

MALAYSIA

KALGOORLIE

MAURITIUS

PERTH

Curtin Perth

Our largest campus, Curtin Perth, is located in the suburb of Bentley, about a 15-minute drive from Perth city. It is Western Australia's largest university campus, and has bold architecture set among sweeping grounds and beautiful native and exotic gardens. Thousands of students fill the campus grounds every day of semester, creating a vibrant, multicultural atmosphere.

Visit about.curtin.edu.au/campus-locations/perth

Curtin Kalgoorlie

Curtin Kalgoorlie is in the heart of the Goldfields region of Western Australia, about 600 kilometres east of Perth. It is the base for our renowned WA School of Mines; however, students can also study Curtin courses in health sciences, education and commerce, through flexible study options in Kalgoorlie.

Visit about.curtin.edu.au/campus-locations/kalgoorlie

Curtin Singapore

Our Singapore campus delivers a range of undergraduate and postgraduate courses and offers students an excellent educational experience in one of Asia's most cosmopolitan cities. Students work with highly qualified staff that use innovative teaching methods, and they benefit from Curtin's close links with industry practitioners. Visit curtin.edu.sg

Curtin University Malaysia

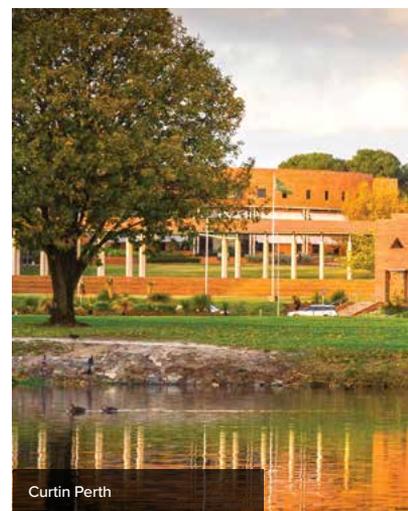
In the centre of Southeast Asia, Curtin University Malaysia is a beautiful campus on the north-western coast of the state of Sarawak. Opened in 1999, it was welcomed as the first foreign university campus on the island of Borneo. The campus now offers a comprehensive range of undergraduate, postgraduate and training courses. Visit curtin.edu.my

Curtin University Dubai

Curtin University Dubai campus offers tertiary education to students in the Middle East, India, Africa and Central Asia. Our courses align with the United Arab Emirates' priorities for economic development and potential skills gaps, and are licensed by Dubai's Knowledge and Human Development Authority. We now offer courses in business, science, information technology and the humanities. Visit curtindubai.ac.ae

Curtin Mauritius

Curtin Mauritius is in Moka, south-east of Mauritius' capital, Port Louis. Curtin Mauritius developed from a highly a successful partnership with CTI, and the campus offers a range of courses in science, commerce, communication and design. Visit curtinmauritius.ac.mu





Curtin Singapore



Curtin Mauritius



Curtin Kalgoorlie

Our research

Curtin has become a leading institution for progressive research and collaboration. As we look to build on this momentum, we aim to strike a balance between demand-driven research, which solves defined problems for industry and society, and researcher-driven research, which is characterised by a desire to push the limits of understanding.

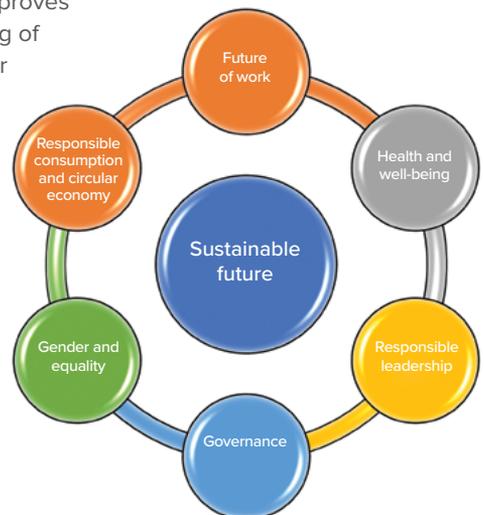
At the heart of our endeavours are strong academic and industry partnerships. We believe it is only through collaboration and research excellence that we can achieve impact and be ranked among the best in the world.

Curtin Singapore is one of Curtin University's global campuses. The Curtin Singapore ASEAN Centre is an umbrella for our research activities and collaborations with researchers at other Curtin Campuses and with Curtin's strategic partners. Our focus is on building research networks with an emphasis on the UN Sustainable Development Goals to address key challenges in Singapore and the ASEAN region. We have expertise in gender issues and equality, future of work, responsible leadership and governance, health and well-being and the circular economy.

We invite you to leverage our research expertise, facilities and networks, as we work together to find innovative solutions and explore new possibilities.

Curtin Singapore's research strengths

Our strengths lie in a versatile ecosystem of academics with interest and experience, aligned with the United Nations Sustainable Development Goals (SDG) with a focus on developing solutions that will lead to sustainable futures. Our aim is for our research to address problems for society, industry, and business, and to extend the realm of human knowledge and discovery that improves our understanding of ourselves and our ever-changing world.





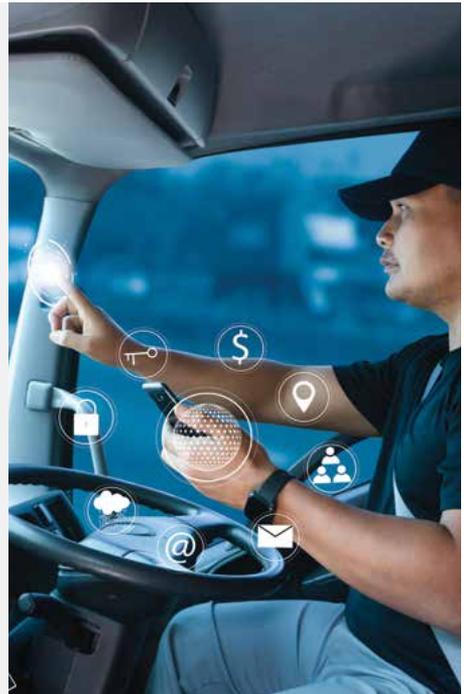
Gender and equality

This research specialisation links with SDG Goal 5, Gender equality. Women remain under-represented in senior management roles, corporate boards, and governments, particularly in Asia and ASEAN. As part of the Curtin University Gender Research Network, our researchers study gender equality in business and government. We have expertise relating to women on corporate boards and women in science, technology, engineering, and mathematics (STEM) fields. The research group champions gender equality in the workplace with the aim of increasing the presence of women in senior roles.

Future of work

This research specialisation links with SDG Goal 8, Decent work and economic growth. Our research in this area draws on the expertise of Curtin's Future of Work Institute to understand the challenges and opportunities that the future of work brings to individuals and organisations. Human beings are at the core of productive work, but many questions arise regarding the future of work: What is the future of work? What types of jobs will be created? What are the jobs of the future? How will technological disruptions impact work and the meaning of work? At the end of the day, the human being is at the core of productive work.

There are strong links between the future of work, employee well-being and productivity. Hence, there is a rising need to reconcile the nexus between the future of work and well-being to ensure decent work and jobs in the future economy for a sustainable future for all. Other areas of our current research focus on employee engagement and quality management in the context of human resource management.





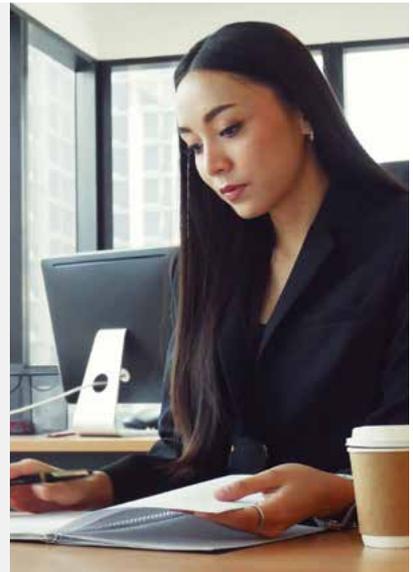
Responsible leadership

This research specialisation aligns with all of the Sustainable Development Goals, particularly Goal 17, Partnerships for the goals. In order to achieve the SDGs, responsible leadership is needed. Our research in this area focuses on how responsible leadership can be embedded throughout organisations through social learning. Our current research posits that responsible leadership and effective leadership are mutually reinforcing; hence businesses can and should be both profitable and ethical. The understanding of this relationship can motivate leaders to focus on stakeholder value rather than solely on shareholder value, leading to more willingness to participate in partnerships that support sustainable development. Our research team supports the development of responsible leaders who are values-centered role models for future generations.

Governance

Our research in this area also aligns with all the SDGs, including Goal 17, Partnerships for the goals. Effective corporate governance is essential for organisations and their top management teams if they are to achieve sustainable long-term outcomes and the trust of shareholders and other stakeholders. Our research in this area focusses on the performance of company boards. Of interest is the impact that various stakeholders, including large shareholders, have on company performance.

In addition, with the rapid advancement of artificial intelligence and information technology, more stringent corporate governance is imperative. The leadership challenge for company boards is to effectively navigate the security vulnerabilities that the digital era has created. Our current research also explores ways to enhance and support corporate governance in the fintech industry through social learning.



Health and well-being

This research specialisation links with SDG Goal 3 (Good health and well-being). We also have a research interest in medical technologies (medtech) that can provide innovative solutions to current and emerging health issues.

The COVID-19 pandemic has brought significant stress and upheaval to lives, in part due to the need to adapt to new modes of working. For example, work-from-home (WFH) arrangements have reduced the demarcation between home and work and may have magnified work–life conflict issues. Occupational health hazards due to new work arrangements can also impact an individual’s mental and physical health and overall quality of life.



Responsible consumption and the circular economy

Goal 12, Responsible consumption and production. Our research focuses on areas of sustainable marketing, responsible consumption, production, and the circular economy. As marketing is a precursor to consumption and production activities, it is essential that marketing practices adopt a sustainability perspective to reduce the global material footprint and adverse environmental impacts that consumption and production produce.

Our global education partnerships

Curtin maintains outstanding relationships with high-achieving institutions and organisations across the world. Here are some examples of our major collaborations.

The Aberdeen-Curtin Alliance

In 2017, Curtin established an alliance with Scotland's most distinguished institution, the University of Aberdeen. The alliance draws on the strengths of both universities to deliver high-impact research and innovative courses across business, health sciences, medicine, engineering, energy and creative arts. It also offers a collaborative PhD program with fully funded scholarships.

Fudan University

Curtin and Fudan University in Shanghai have jointly established The China Australia Writing Centre. The centre brings together cross-disciplinary expertise in creative writing, literature studies, historical writing and journalism. Visit cawc.curtin.edu.au

Sri Lanka Institute of Information Technology

Established in 2001, Curtin University's long-standing partnership with the Sri Lanka Institute of Information Technology continues to strengthen. In 2021, we began delivering full Curtin degree programs in various areas of engineering and computing, at the institute's new state-of-the-art campus in the heart of the city of Colombo.

Research and industry collaborations

Curtin's industry collaborations drive innovation and provide our researchers and students with significant opportunities.

To learn more about our capabilities in areas of advanced research, visit research.curtin.edu.au

Future energy technologies

Curtin is working with industry to expedite the transition to renewable energy and seize commercial opportunities in future energy production. Our research focuses include materials science and electrochemistry – particularly in the areas of hydrogen storage and lithium battery technologies. Importantly, Curtin is home to the national Future Battery Industries Cooperative Research Centre.

Clinical and biomedical science

At the Curtin Health Innovation Research Institute, our researchers are advancing new treatments for chronic diseases including Alzheimer's disease, inflammatory disorders, heart disease and traumatic brain injuries. Cancer is a key focus, with Curtin a founding co-leader in the Liver Cancer Research Centre.

Space

Curtin University hosts the Space Science and Technology Centre and the Curtin Institute of Radio Astronomy, which leads the multinational Murchison Widefield Array radio telescope project. Our research also involves collaboration with major space research organisations, including NASA and Lockheed Martin.

Defence and emergency response

Our research strengths lie in a versatile network of academics with skills and experience in areas such as situational awareness and communications. We're also developing programs to support Australia's disaster relief and emergency response. Our capabilities encompass the Curtin Institute for Radio Astronomy, Remote Sensing and Satellite Research Group and Space Science Technology Centre. Our Centre for Marine Science and Technology is also working on projects involving sonar array performance, sound propagation and new models for submerged sound.



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