

The background features a dark blue field with white, stylized geometric patterns. On the left and top right, there are intricate designs consisting of concentric circles, lines, and dots, reminiscent of traditional Indigenous Australian art. The central area is dominated by large, flowing, wavy shapes in various shades of blue, creating a sense of movement and depth.

Indigenous Australian Program

Balka bebalka (welcome, welcome) in the language of the Yugara people.

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The background features a dark blue field with white and light blue geometric patterns. On the left and top, there are intricate designs of concentric circles, lines, and dots, reminiscent of traditional Indigenous art. The right side is dominated by large, flowing, wavy shapes in various shades of blue, creating a sense of movement and depth.

Recognising and fostering Indigenous Australian excellence

QUT is committed to building, sustaining and celebrating a culture of excellence in Indigenous Australian education, research and engagement.



ACKNOWLEDGEMENT OF COUNTRY

QUT acknowledges the First Nations owners of the lands where we gather today. We pay respect to the Elders, lores, customs and creation spirits of this country. We recognise that these lands have always been places of teaching, research and learning.

QUT acknowledges the important role Aboriginal and Torres Strait Islander people play within the QUT community.

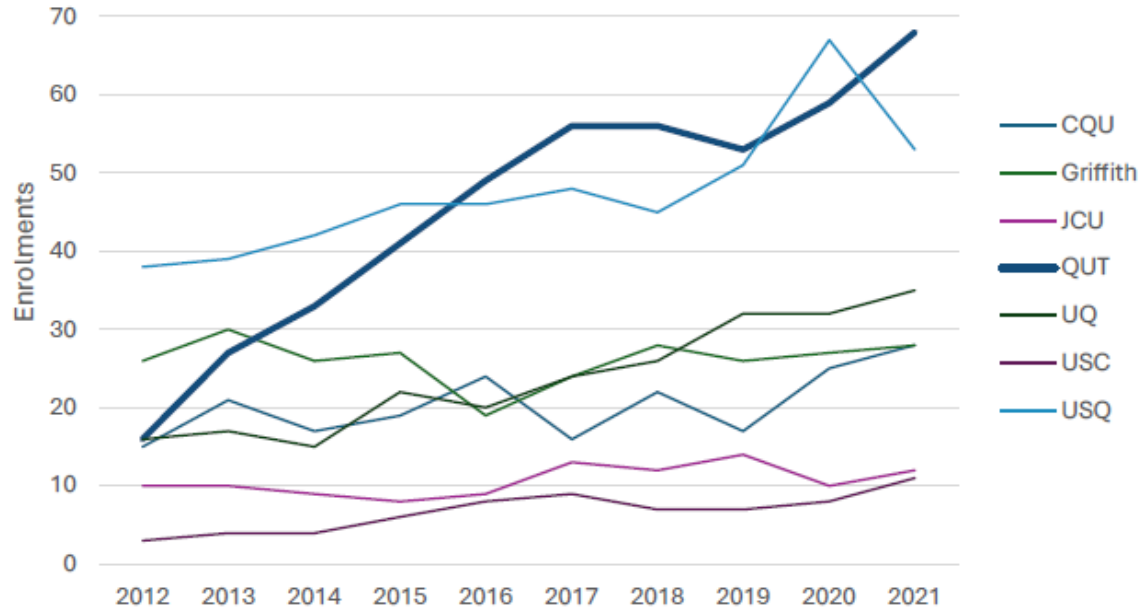


QUT leads in deadly data



#1 Ranking and Highest Indigenous Australian Engineering Students

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Institution	State/Territory	Engineering & Related Technologies
Queensland University of Technology	Qld	68
The University of Newcastle	NSW	54
University of Southern Queensland	Qld	53
University of New South Wales	NSW	43
University of Wollongong	NSW	38
The University of Queensland	Qld	35
Western Sydney University	NSW	30
CQUniversity	Qld	28
Griffith University	Qld	28

Institution	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bond University	0	0	0	0	0	0	0	0	0	0
CQUniversity	15	21	17	19	24	16	22	17	25	28
Griffith University	26	30	26	27	19	24	28	26	27	28
James Cook University	10	10	9	8	9	13	12	14	10	12
Queensland University of Technology	16	27	33	41	49	56	56	53	59	68
University of Queensland	16	17	15	22	20	24	26	32	32	35
University of the Sunshine Coast	3	4	4	6	8	9	7	7	8	11
University of Southern Queensland	38	39	42	46	46	48	45	51	67	53

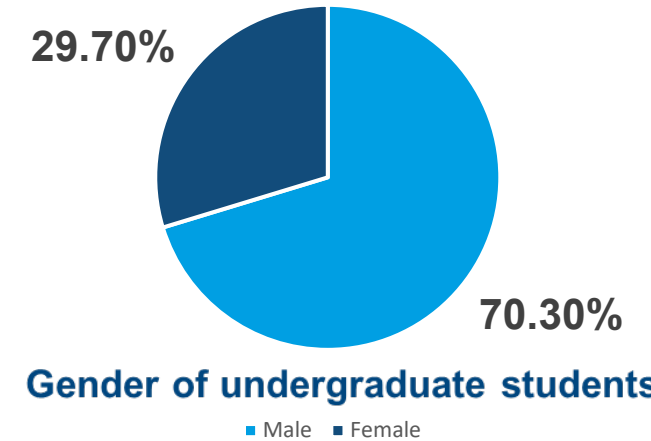
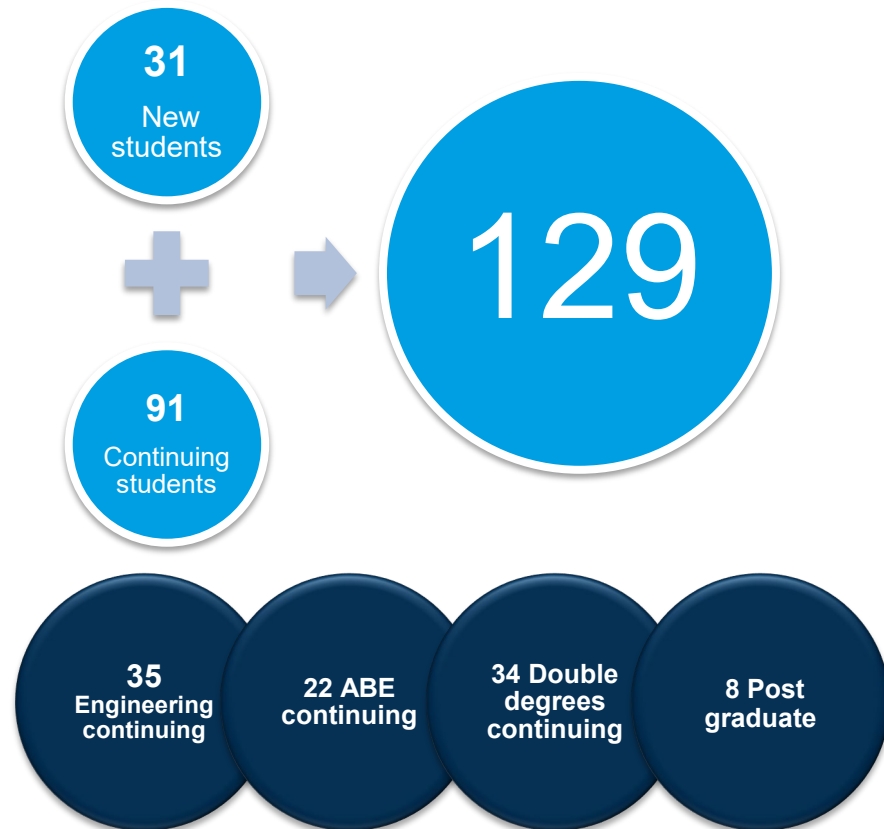
Our deadly data

Architecture, Built Environment, Engineering



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Faculty of Engineering Indigenous Australian student numbers



Student numbers by course

ENG	Civil	Med	Mechatronics	Elect +Aero	Mechanic	Comp/Soft	Chem/Proc
Major	13	3	6	3	5	4	2

ABE	CM	QS	URP	Arch	Interior	Landscape
Major	5	1	2	7	6	1

Double	ABE	Engineer
Degree	8	26

High School Engagement

Get Involved and support – attract the next generation



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Science & Engineering Challenge

The Science and Engineering Challenge is a four day on campus event which aims to inspire students in years 9 - 10 to consider a future career in Science, Technology, Engineering and Mathematics (STEM). QUT invites Indigenous Australian (IA) school groups plus regional and outreach schools. Last year 2.3% of participants were IA students with 31.9% from low ICSEA.

Dean's Awards Indigenous Australian

We provide recognition for outstanding achievement in Design and Engineering for Indigenous Australian students in years 11 and 12. The yr 11 and 12 recipients receives a gift card and, if they choose to enrol at QUT, they are eligible for a \$3,000 bursary.



QUT Oodgeroo STEM Workshops

Our hands-on workshops build enthusiasm for STEM, expose students to STEM industries and careers, and create links between Indigenous Australians, our past, our future and STEM. The QUT Oodgeroo STEM Workshops are jointly run by the Oodgeroo Unit and the Faculty of Engineering. Workshops are delivered by Indigenous Australian student ambassadors on campus or in school. Schools can choose to run one workshop per week for 4 week, one workshop a term or one full day of workshops with group sizes of 3-30 Aboriginal and Torres Strait Islander primary to yr 12.



STARTQUT Intensive

START QUT Intensive delivers a first-year QUT Engineering unit in a two-week intensive study program during the summer holidays in January .

We are committed to facilitating and supporting educational endeavours and STEM aspirations of Indigenous Australians. As such, the QUT Oodgeroo Unit can support any First Nation Australian student participating in the START QUT (STEM Intensive) program.

Support includes hosting the Indigenous Australian students from outside of Brisbane in our accommodation and providing breakfast, lunches and dinners for the duration of the program. Students will also participate in social activities outside class hours with other START QUT participants, Oodgeroo Unit student ambassadors and staff.

Current student

A journey of culture and learning



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Industry Scholarships

The aim of the QUT Connections Strategy is to offer transformative education and research that aligns with the needs and priorities of our communities, particularly focusing on Indigenous Australian engagement, success, and empowerment.

One initiative under this vision involves increasing the number of scholarships available for Indigenous Australian students studying Architecture, Built Environment, and Engineering at QUT. This initiative aims to encourage Indigenous students to integrate their university studies with First Nations stories and culture, thus enhancing representation in the built environment.

We are fortunate to have companies such as Arcadia Landscape Architecture and Blaklash Creative, who are dedicated to facilitating pathways to higher education and providing employment opportunities for promising Indigenous candidates.

Our Mob in Focus

QUT has the highest enrolment of Indigenous undergraduate engineering student in any Engineering Faculty in Australia (Dept of Education). QUT welcomes Indigenous Australian engineers, architecture and built environment professionals including the Chair of Engineers Australia Indigenous Australian group to participate in learning experiences including lectures and tutorials. We provide opportunities to Alumni and partners through paid Guest Lectures and sessional appointments.

Student Support

Teaming up with University wide Oodgeroo unit our Faculty has appointed an Assistant Dean – Engagement with Indigenous Australians we engage each Faculty of Engineering Indigenous Australian student, connect them with support for career, course work, well being, student clubs, scholarships and more. Together we focus on increasing the participation and retention rate of our students. (Example: <https://www.qut.edu.au/study/parents-and-guardians/news?id=187932>)

5 Day Discovery Immersion Program (pilot)

Culture in Engineering

The 5-day program offers more than just engineering knowledge as participants will gain hands-on experience in engineering companies and explore unique projects undertaken by Indigenous owned partners. Additionally, students will have the opportunity to learn traditional language, engage in activities like making a fire, and savour seasonal bush tucker. The program also provides a chance to meet Traditional Owners and witness how engineering intertwines with culture and heritage in engineering projects.

Students will experience life and work in North Queensland firsthand during the mid-year break. Flights, accommodation, breakfast, dinners, and program activities costs are covered for the 5-day duration. Join the Oodgeroo Engineering team and Brad Foster for an information session to register for this distinctive university experience.

Indigenous Australian Engineering Innovators

Research Experience Scheme

The Faculty of Engineering offers a paid research experience program for undergraduate Indigenous Australian students, aimed at fostering innovation and research skills in engineering, architecture, and the built environment. Students engage in real-world problem-solving across research priorities such as renewable energy, health technology, artificial intelligence, manufacturing, and sustainable urban development.

They work with leading researchers at QUT and receive mentorship from both academic supervisors and industry professionals, with sponsors like Boeing Australia. The program serves as a pathway to the QUT Indigenous Australians PhD/Professional Doctorate to Postdoctoral Fellowship (P2P) Program, supporting Indigenous Australians in obtaining doctoral research qualifications and pursuing academic careers.

Our people

Connecting to community and Country



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Alumni

Troy Casey, Co-Founder of Blaklash Creative and Magpie Goose, Erin McDonald, Taylah Griffin, Laree Barney, Josh Loyd, Akala Street are all QUT graduates, connecting with our people marking the initial phase of an important education program aimed at ensuring that our profession, storytelling, and management of our Country benefit from the cultural perspectives of Indigenous Australian professionals.



Academics

The Blackcard cultural capability training has been implemented throughout all Schools in the Faculty.

Plus, Indigenous perspectives are being integrated into various units across the Faculty, starting with civil engineering and architecture disciplines and planned expansion to other disciplines.

Across the Faculty Ten (10) Associate Fellows - Indigenous have been awarded Higher Education Academy status. All unit coordinators where

Indigenous knowledge and perspectives are being embedded will complete training modules and be expected to become an AFIHEA. This strategy demonstrates a commitment to incorporating diverse perspectives and knowledge systems into the curriculum and academic leadership within the Faculty.

Assistant Dean – Engagement with Indigenous Australians

Faculty has added this role to Leadership team with a focus on:

- Supporting Indigenous Australian student engagement and retention
- Supporting Indigenous Australian research excellence
- Enhance Faculty cultural competencies including embedding IP in curriculum
- Build strong links with industry and community including Oodgeroo, Carumba and DVC – Indigenous Australians



QUT is one of only 4 Australian Universities with a similar role in Faculty of Engineering

