FUNCTIONS FUNCTIONS

OUR LOCATIONS OUR FACULTIES As at 31 December 2018 Faculty of Business, Economics and Law (BEL) **Phone** +61 7 3365 7111 Email bel@ug.edu.au Web bel.ug.edu.au - Specialising in the legal and business fields. Faculty of Engineering, Architecture and Information Technology (EAIT) **Phone** +61 7 3365 4666 Email enquiries@eait.uq.edu.au Web eait ug edu au - Focusing on engineering, architecture and IT. Campuses 1 St Lucia campus **QUEENSLAND** 2 Gatton campus 3 Herston campus Other locations 4 Pinjarra Hills 5 Julius Kruttschnitt Mineral Research Centre, Indooroopilly 6 Pharmacy Australia Centre of Excellence (PACE), Woolloongabba 7 Veterinary Teaching Clinic, Dayboro 8 Customs House, City 9 Business School Executive Education HERSTON 3 10 Long Pocket site **BRISBANE CBD** 11 Medical Teaching facility, Nambour 12 Boyce Gardens, Toowoomba 13 Rural Medical School, Bundaberg 14 Rural Medical School, Hervey Bay 15 Rural Medical School, Rockhampton Marine research stations 16 Dunwich, Stradbroke Island 17 Heron Island

Offshore presence

- 18 Washington, USA, office
- 19 Jakarta, Indonesia, office
- 20 Santiago, Chile, representative
- 21 Hanoi, Vietnam, representative

plus a range of international partners/contacts around the globe

Faculty of Health and **Behavioural Sciences (HABS)**

Phone +61 7 3365 7487 Email habs@uq.edu.au Web habs.ug.edu.au

- Investigating behavioural and biological aspects of health.

Faculty of Humanities and Social Sciences (HASS)

Phone +61 7 3365 1333 Email execdean@hass.uq.edu.au Web hass.ug.edu.au

- Discovering social science, arts and humanities.

Faculty of Medicine

Phone +61 7 3365 5342 Email med.reception@uq.edu.au Web medicine.ua.edu.au

- Exploring a range of medical specialties.

Faculty of Science

Phone +61 7 3365 1888 Email enquire@science.ug.edu.au

Web science.ua.edu.au

- Covering a wide range of scientific disciplines.

OUR INSTITUTES

Australian Institute for Bioengineering and Nanotechnology (AIBN)

Phone +61 7 3346 3877 Email reception@aibn.uq.edu.au

Web aibn.ug.edu.au

- Developing world-class technology at the nano-scale with a focus on translational research.

Global Change Institute (GCI)

Phone +61 7 3443 3100 Email gci@ug.edu.au Web gci.uq.edu.au

- Finding solutions to the global challenges increasingly facing us all.

Institute for Molecular Bioscience (IMB)

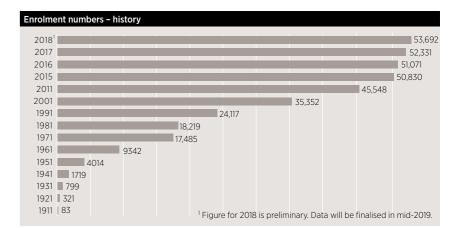
Phone +61 7 3346 2222 Email imb@imb.ug.edu.au Web imb.uq.edu.au

- Advancing scientific knowledge and delivering new health and industry applications.

Institute for Social Science Research (ISSR)

Phone +61 7 3346 7471 Email issr@uq.edu.au Web issr.uq.edu.au

- Undertaking social science research for public value and to contribute to public interest.



Student enrolments have been steadily increasing since the University first opened in 1911.

Mater Research Institute-UQ (MRI-UQ)

Phone +61 7 3163 2555 Email research.development

@mater.ug.edu.au

Web materresearch.org.au

- Turning scientific discovery into the best possible treatment care and outcomes for patients and the broader community.

Queensland Alliance for Agriculture and Food Innovation (QAAFI)

Phone +61 7 3346 0550 Email qaafi@uq.edu.au Web gaafi.ug.edu.au

- Leading agriculture and food science research in subtropical and tropical production systems.

Queensland Brain Institute (QBI)

Phone +61 7 3346 6300 Email qbi@uq.edu.au Web gbi.ug.edu.au

- Understanding the development, organisation and function of the brain.

Sustainable Minerals Institute (SMI)

Phone +61 7 3346 4003 Email smi@ug.edu.au Web smi.uq.edu.au

- Delivering improved operational performance on mining sites through new technologies.



Students in the Global Change Institute

OUR **OPERATING ENVIRONMENT**

Statutory obligations

The chief purpose of The University of Queensland (UQ) is to provide education at university standard and to promote scholarship through study and research. We have been successfully achieving this for more than a century, increasing our student cohort from 83 in 1911 to more than 53,000 in 2018, and graduating more than 264,000 in that time. Our research has also flourished. In the latest Excellence in Research in Australia (ERA) assessment, we submitted in all broad fields—confirming UQ as one of Australia's most comprehensive universities—and 100 per cent of our research was evaluated at world standard or above in 2015 (the latest results available).

Nature and range of operations

UQ offers study and research opportunities across a wide range of disciplines, from science and sustainability to health and humanities—as well as business, education, engineering, law and more. We currently offer almost 400 programs and around 4000 courses from associate diploma to postdoctoral level. UQ is also home to eight internationally acclaimed research institutes, with expertise in social sciences, nanotechnology and food innovation, among others.

Risks, opportunities and challenges

The University operates in a rapidly changing environment within a global marketplace, where institutional excellence is a critical driver of reputation. Domestically, all Australian universities face increased financial pressures, regulatory changes, reputational pressures and changing student, industry and government expectations, and UQ is no exception.

10 THE UNIVERSITY OF QUEENSLAND ANNUAL REPORT 2018

Within this context, we are reviewing our services to ensure that we remain competitive and sustain success in the longer term. Continuous improvement is essential.

UQ faces a number of operational challenges in the coming years, including:

- maintaining an ageing campus with continued demands for more teaching, research and office space
- facing increasingly sophisticated and voluminous information security threats
- addressing the need to upgrade or replace core enterprise systems.

However, we have considerable opportunities, for example:

- a student housing development, which will further enhance the life of the St Lucia campus
- implementing world-leading energy reduction strategies
- introducing sector-leading initiatives to become an employer of choice.

Environmental factors

The Australian Government is substantially reducing university revenues for teaching and research at a faster rate than alternative domestic sources of funding can be developed, thereby increasing reliance on international funding. Simultaneously, UQ faces uncertainties arising from significant social, economic, and technological disruption.

The impact of these disruptions and their impact on the future workforce has resulted in the UQ Student Strategy focusing strongly on employability and enterprise as the best means of 'future proofing' the value of a UQ degree. This direction is starting to show results, with the 2019 QS Graduate Employability Rankings showing UQ ranked 48th out of the world's 500 leading universities, and first in Queensland and fourth in Australia for graduate employability.

We have also invested strongly in learning technologies and maintain a significant

footprint in edX in terms of learner registration numbers and the popularity and quality of our MOOCs. Being part of edX has allowed us to grow our brand globally and increase our exposure to international students. We continue to expand our sphere of influence in the online learning environment, with the development of Virtual Exchange Program, X-Series and MicroMasters programs, all of which show potential for diversifying UQ's income sources if overseas interest in the University increases as a result.

Most importantly, through our involvement in edX, UQ has expanded its understanding of how to use online courses to engage students, and gained access to emerging technologies, rich sources of data and collaborative insights from consortium members. This, in turn, has supported innovation among our academic staff and helped enrich the student learning experience.

From a research perspective, tight fiscal conditions and proposed government funding reforms are increasing the competition for research income; rapid technological and economic change is affecting the nature of jobs; and the challenges facing society are increasingly complex. While UQ has been relatively successful in attracting industry funding, it is becoming increasingly difficult to attract external fellowships and the uncertain economic climate with reduced government funding will present challenges to support the ongoing costs of the many facilities we host.

International multi-disciplinary, multiinstitutional, multi-sector solutions—or partnerships—will be needed to solve these challenges, which will mean a reskilling of our research workforce and the continued development of our research management policies, procedures and systems. We will need to transition from a predominantly paper-based, highly devolved research support system to one that is supported by enterprise systems and a smaller number of expert staff. Significant resource investment,

| Enrolment by program | | | | | | | | | |
|-------------------------------|--------|--------|--------|-------------------|--|--|--|--|--|
| | 2015 | 2016 | 2017 | 2018 ¹ | | | | | |
| Doctorate by research | 4017 | 4064 | 3957 | 4168 | | | | | |
| Doctorate by coursework | 68 | 47 | 37 | 36 | | | | | |
| Master's by research | 523 | 509 | 479 | 418 | | | | | |
| Master's by coursework | 7299 | 8327 | 10,142 | 12,353 | | | | | |
| Postgraduate/Graduate Diploma | 747 | 707 | 704 | 380 | | | | | |
| Graduate Certificate | 1146 | 1095 | 1151 | 1260 | | | | | |
| Bachelor | 35,402 | 34,898 | 34,384 | 33,656 | | | | | |
| Associate Degree | 102 | 103 | 123 | 141 | | | | | |
| Diploma/Associate Diploma | 222 | 225 | 240 | 212 | | | | | |
| Enabling Course | 336 | 335 | 307 | 269 | | | | | |
| Non-Award Course | 968 | 761 | 807 | 799 | | | | | |
| TOTAL | 50,830 | 51,071 | 52,331 | 53,692 | | | | | |

¹ Figures for 2018 are preliminary. Data will be finalised in mid-2019.

both human capital and funding, will continue to be required over the next few years to fully realise a research management structure that meets the University's needs.

Kev initiatives

See our Summary of Activities on pages 16-37.

Overview

The landscape of higher education in Australia is rapidly evolving as the Commonwealth seeks to manage the effects of a demanddriven system for undergraduate degrees, and to develop a strategy to promote innovation in the economy.

The National Innovation and Science Agenda has stated that 'we need to embrace new ideas in innovation and science, and harness new sources of growth to deliver the next age of economic prosperity in Australia'l which has major implications for research and research training.

With a focus on efficient service delivery to all parts of UQ our staff will ensure our success. and it is important that we acknowledge this.

Looking ahead

We have no room for complacency. The competition for high-quality students continues to increase and so we must consider the 'size and shape' of the University, encourage development of interdisciplinary programs and develop a student-centric academic calendar that makes the best use of resources (both people and place).

We will need to diversify the student body, introduce pathway options for international students, and continue to provide worldclass education and opportunities for domestic students. This will require a consideration of factors such as location, flexible and digital delivery and more contemporary program options.

We will diversify our funding through our Not if, when philanthropic campaign, and commit to building a University operation that is agile and efficient, and which allows us to direct our resources to ensuring the continued quality of our teaching, research and global impact.

Research-wise, we will endeavour to improve our administrative systems and ensure we have a proactive strategic approach to developing partnerships. We must also ensure that, through our higher degree by research programs, we are training the next generation of leaders with innovation and research capabilities to satisfy Australia's demand for high-skilled labour.

1 education.gov.au/national-innovation-and-science-

KEY STATISTICS

| Key statistics | | | | | | |
|---|-----------|-----------|-------------------|-------------------|-----------|-------------------|
| Number of students | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 ¹ |
| TOTAL | 48,804 | 50,749 | 50,830 | 51,071 | 52,331 | 53,692 |
| % Female ² | 55.4 | 55.2 | 55.0 | 54.5 | 54.9 | 55.1 |
| Commencing | 17,649 | 18,395 | 17,426 | 17,805 | 18,802 | 19,424 |
| % Female ² | 56.8 | 57.0 | 56.4 | 55.8 ⁷ | 57.1 | 57.1 |
| International | 11,513 | 12,195 | 12,664 | 13,338 | 15,431 | 18,071 |
| % International | 23.6 | 24.0 | 24.9 | 26.1 | 29.5 | 33.7 |
| Enrolments by campus | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 ¹ |
| St Lucia | 41,737 | 43,599 | 44,474 | 45,128 | 46,536 | 47,843 |
| Ipswich ¹⁴ | 1731 | 1931 | 878 | 410 | 136 | 34 |
| Gatton | 2088 | 2089 | 2092 | 2061 | 2200 | 2260 |
| Herston | 3248 | 3130 | 3386 | 3472 | 3459 | 3555 |
| Student load (EFTSL) 3 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 ¹ |
| TOTAL | 38,416 | 39,963 | 40,029 | 40,214 | 41,198 | 42,201 |
| Undergraduate and non-award ⁷ | 30,203 | 31,382 | 30,710 | 29,960 | 29,293 | 28,623 |
| Postgraduate coursework | 4920 | 5224 | 5829 | 6752 | 8481 | 10,102 |
| Postgraduate research | 3129 | 3164 | 3283 | 3290 | 3216 | 3298 |
| Student load by funding type (EFTSL) 3 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 ¹ |
| Commonwealth funded ^{4 7} | 27,177 | 28,190 | 27,966 | 27,490 | 27,030 | 26,011 |
| Domestic full fee paying | 1797 | 1849 | 1777 | 1743 | 1714 | 1591 |
| International fee paying | 9258 | 9802 | 10,196 | 10,912 | 12,384 | 14,510 |
| Award completions ³ | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 ¹ |
| TOTAL | 11,042 | 11,617 | 12,0797 | 12,045 | 12,580 | 12,558 |
| Undergraduate | 6947 | 7220 | 7609 ⁷ | 7678 | 7890 | 7338 |
| Postgraduate coursework | 3338 | 3562 | 3721 | 3543 | 3927 | 4570 |
| Postgraduate research | 757 | 835 | 749 | 824 | 763 | 650 |
| Staff (FTE) ⁵ as at 31 March ⁶ | | 2014 | 2015 | 2016 | | 2018 |
| | 2013 | | | | 2017 | |
| TOTAL | 6892 | 6816 | 6791 | 6703 | 6607 | 6613 |
| Academic | | | | | | |
| Teaching and research | 1265 | 1240 | 1207 | 1145 | 1134 | 1173 |
| Research focused | 1438 | 1436 | 1452 | 1460 | 1455 | 1441 |
| Teaching focused | 156 | 179 | 149 | 139 | 150 | 175 |
| Other | 24 | 28 | 26 | 28 | 27 | 26 |
| SUB-TOTAL | 2883 | 2883 | 2834 | 2772 | 2766 | 2814 |
| Professional | | | | | | |
| Research focused | 633 | 593 | 547 | 490 | 486 | 483 |
| Other | 3376 | 3340 | 3410 | 3441 | 3354 | 3316 |
| SUB-TOTAL | 4009 | 3933 | 3957 | 3931 | 3841 | 3799 |
| Operating revenue (\$'000) | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Commonwealth Grant Scheme grants ⁸ | 298,314 | 304,775 | 309,946 | 322,135 | 308,478 | 301,797 |
| HECS-HELP and HECS-HELP student payments ⁸ | 207,614 | 220,301 | 215,801 | 215,643 | 212,602 | 209,807 |
| FEE-HELP and course fees and charges 9 | 322,446 | 358,041 | 388,106 | 431,488 | 518,038 | 618,452 |
| Research block grants ¹⁰ | 157,756 | 163,229 | 171,054 | 176,587 | 184,525 | 187,266 |
| Other government revenue 11 | 296,593 | 307,144 | 290,023 | 257,907 | 251,545 | 319,377 |
| Consultancy and contract revenue 12 | 180,405 | 148,796 | 170,865 | 152,973 | 156,872 | 156,135 |
| Other revenue 13 | 208,443 | 186,387 | 167,017 | 194,377 | 196,296 | 176,520 |
| TOTAL | 1,671,571 | 1,688,673 | 1,712,812 | 1,751,110 | 1,828,356 | 1,969,354 |

² There has been a reassessment of how gender figures have been classified. As such, the data has been recomputed to reflect these changes retrospectively.

Female and male percentages may not add up to 100 per cent as persons classified as X (indeterminant, unspecified, intersex) are not included

3 EFTSL figures will not add up due to the exclusion of Enabling load from the detailed rows. EFTSL = equivalent full-time student load.

4 Commonwealth funded load comprises Commonwealth Grant Scheme (CGS) load, Research Training Program (RTP) load and extended domestic postgraduate research load. Note that RTP now includes load that was previously classified under the Research Training Scheme (RTS)

FTE = full-time equivalent. Data excludes casuals. Note that Total Staff FTE (including estimated casuals) for 2018 is 7589 and is preliminary.

⁶ The staff classifications shown here align with the reporting of data to the Department of Education.

7 There may be slight changes in historical data due to improvements made in UQ's reporting systems

⁸ Revenue received for the teaching of the undergraduate student load.

9 Revenue received from fee-paying students.

¹⁰ Revenue consists of funding through the Research Training Program and Research Support Program.

¹ Revenue includes capital grants and research funding from Australian Research Council and National Health and Medical Research Council

Revenue includes non-government competitive grant research funding.

Revenue includes investment income, donations and scholarships, other fees and charges, and sales of goods and services

¹⁴ UQ transferred its Ipswich campus to the University of Southern Queensland (USQ) on 7 January 2015.