

# Rankings



## Top 250

UNIVERSITIES  
IN THE WORLD<sup>1</sup>



## 14 in TOP 200

14 UON DISCIPLINES  
RANKED IN TOP 200  
IN THE WORLD<sup>2</sup>



## Top 200

MOST INTERNATIONAL  
UNIVERSITIES<sup>3</sup>



## No.1

IN INNOVATION  
CONNECTIONS<sup>4</sup>



## Top 8

IN AUSTRALIA FOR RESEARCH  
'WELL ABOVE WORLD STANDARD'<sup>5</sup>



## 5 Stars

GOOD UNIVERSITIES  
GUIDE<sup>6</sup>



## Top 50

IN THE WORLD FOR  
ARCHITECTURE<sup>7</sup>



## RANKED 5th

IN AUSTRALIA FOR  
GENERIC SKILLS<sup>8</sup>



## RANKED 32nd

IN THE WORLD FOR  
ENERGY SCIENCE AND  
ENGINEERING<sup>9</sup>

Sources

1. Times Higher Education World University Rankings 2016 and QS World University Rankings 2016
2. QS World University Rankings by Subject 2016
3. Times Higher Education Most International Universities 2016
4. League table 2016, Innovation Connections program, AusIndustry
5. Excellence in Research Australia 2015
6. 2016 Good Universities Guide
7. QS World University Rankings by Subject 2016
8. Quality Indicators for Learning and Teaching 2016 (qilt.edu.au)
9. Academic Rankings of World Universities (ARWU) by Subject 2016

# Key statistics 2016

## Student enrolments

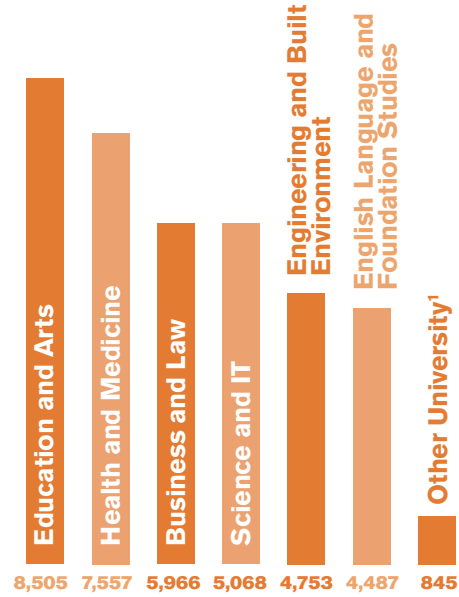
Enrolments at the University continue to reflect UON's reputation and appeal regionally and globally. The strength of our program offerings reflect UON's strategic focus on the student lifecycle, which includes pathways into higher education, engagement with industry and professional experience, and success beyond university.

**Notes for graphs on pages 8 and 9:**

1. Other University includes the Wollotuka Institute, non-award studies, exchange and study abroad
2. Equivalent Full-time Student Load
3. The 2016 Higher Education Research Data Collection (HERDC) Research Income return is due for submission to the Commonwealth by 30 June 2017. Data for 2016 was not available at the time of publishing this report.

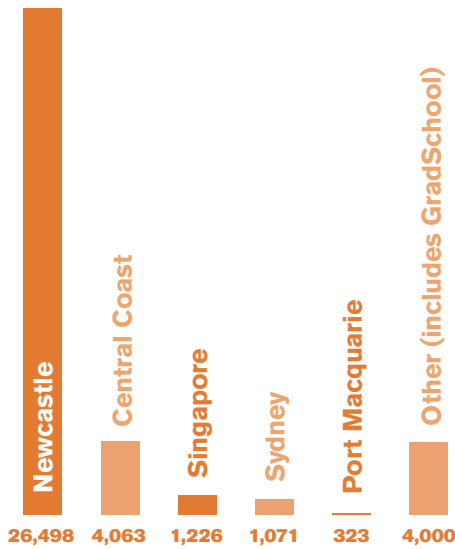
Rounding errors may apply

## Student enrolments by faculty and area



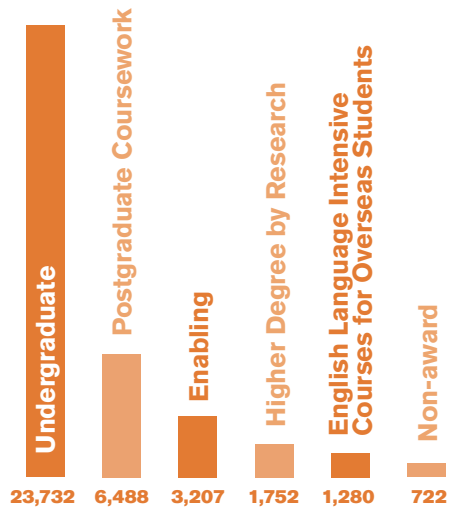
Source MIS 31 January 2017

## Student enrolments by campus



Source MIS 31 January 2017

## Student enrolments by program level



Source MIS 31 January 2017

## Student load and enrolments

**37,181**  
student enrolments

**6,955**  
international enrolments

**24,514**  
student load (EFTSL)<sup>2</sup>

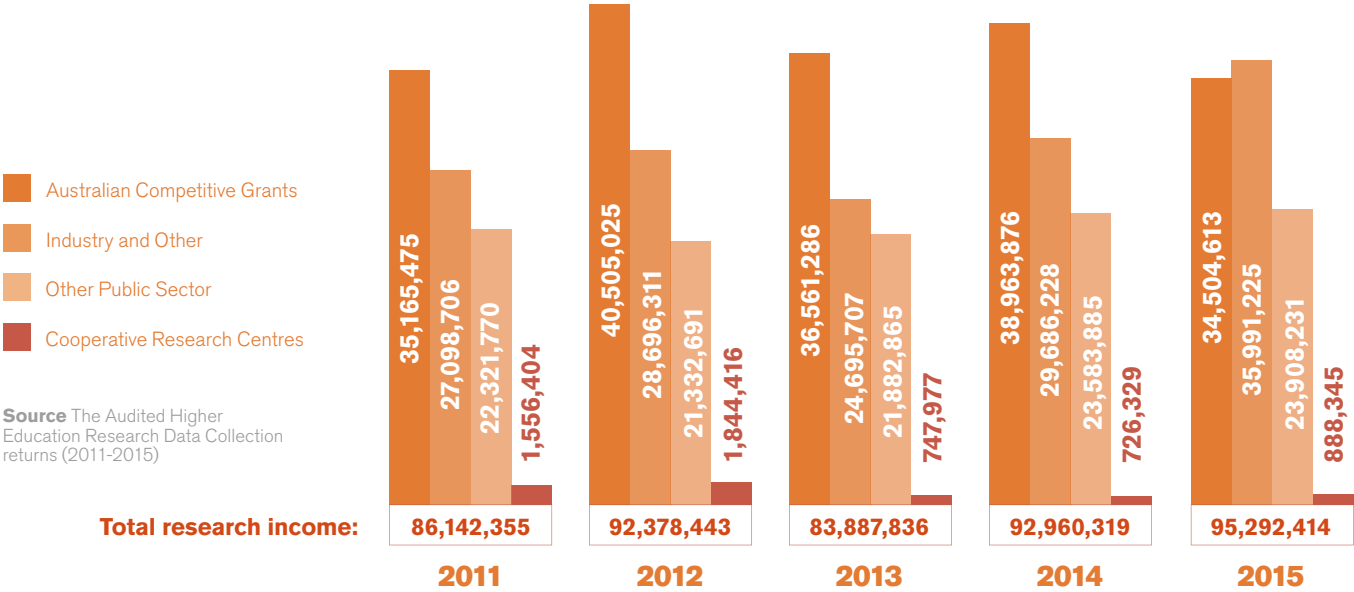
**4,292**  
international load (EFTSL)<sup>2</sup>

**16,091**  
commencing enrolments

**9,930**  
commencing load (EFTSL)<sup>2</sup>

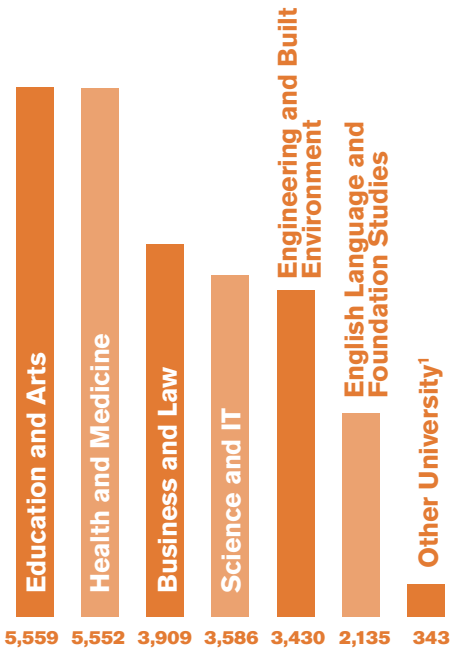
Source MIS 31 January 2017

Research income by source 2011-2015<sup>3</sup>



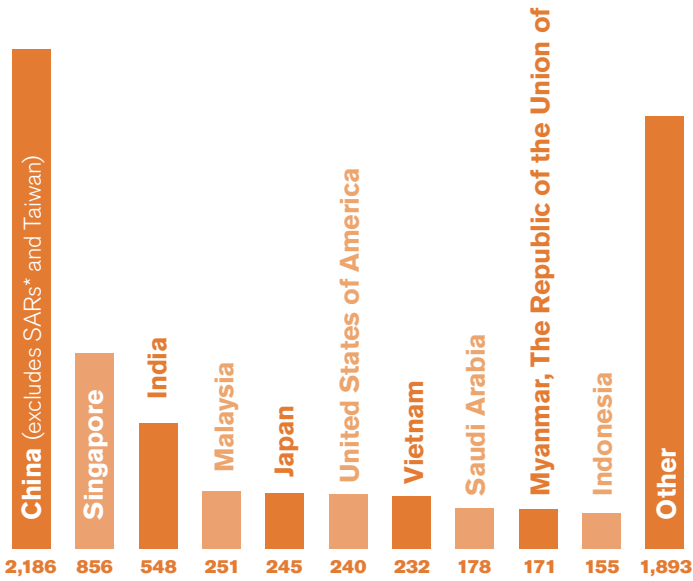
Source The Audited Higher Education Research Data Collection returns (2011-2015)

Student load (EFTSL)<sup>2</sup> by faculty and area



Source MIS 31 January 2017

Top 10 international enrolments by country



Source MIS 31 January 2017  
Note \* Special Administrative Regions

Fixed term and ongoing staff FTE

As at 31 March 2016  
Rounding errors may apply

Source Department of Education and Training Higher Education Staff Statistics as at 31 March 2016



**1,068**  
Academic



**1,573**  
Professional



**32**  
Teacher



**2,672**  
Total staff FTE  
(excludes casuals)

# Major research funding

In a challenging funding environment, UON saw a 20% growth in the number of external grants awarded. Impressively, the growth in dollar value of external grants awarded was 38 per cent.

UON attracted over \$25 million in new NHMRC and ARC major grants funding including six ARC DECRA's and five NHMRC Early Career Fellowships for innovative research including:



**↑ 20%**

increase in external grants awarded to UON



**↑ 38%**

increase in dollar value of external grants

**Laureate Professor John Aitken, Dr Zamira Gibb, Associate Professor Mark Baker, Dr Christopher Grupen, Dr Dickson Varner, Dr Lee Morris, Dr Jennifer Clulow, Mr Ross Harricks, Dr Parviz Gharagozloo, Dr Derek Ford and Mr Andrew Kelly**

**\$560,000**

Research enhancing fertility in thoroughbred and standard bred horses.  
(ARC Linkage Projects)

**Associate Professor Mark Baker**

**\$631,370**

A five-year NHMRC Research Fellowship to explore biomarkers for male infertility.

**Dr Emma Beckett**

**\$318,768**

To investigate interactions between diet, microbiome, genetics and epigenetics in determining risk for adenomatous polyps.  
(NHMRC Early Career Fellowships)

**\$2,259,016**

**Professor Billie Bonevski, Dr Gillian Gould, Associate Professor Alan Clough, Professor Joerg Mattes, Ms Kristin Carson, Professor Christopher Doran, Associate Professor Peter O'Mara, Dr Christopher Oldmeadow, Laureate Professor Roger Smith and Professor Katherine Boydell**

An evidence-based smoking cessation program for Aboriginal and Torres Strait Islanders.

(NHMRC International Collaborations – Global Alliance for Chronic Diseases (GACD) - Prevention and Management of Chronic Lung Disease)

**Professor Bonevski, Associate Professor Neil Spratt, Associate Professor Michael Pollack, Professor Amanda Baker, Conjoint Professor Parker Magin, Dr Alyna Turner, Dr Christopher Oldmeadow, Professor Clare Collins and Professor Robin Callister**

**\$590,958**

To investigate stroke survivor health behaviours.  
(NHMRC Project Grants)

**Associate Professor Mariko Carey, Laureate Professor Rob Sanson-Fisher, Professor Nicholas Zwar, Associate Professor Danielle Mazza, Professor Graham Meadows, Dr Amy Waller, Professor Leon Piterman, Professor Brian Kelly and Associate Professor Frans Henskens**

**\$803,554**

A project to improve outcomes for people with depression.  
(NHMRC Project Grants)

**Professor Clare Collins, Professor Helen Truby, Professor John Attia, Dr Melinda Hutchesson, Dr Tracy Burrows, Professor Robin Callister, Dr Leanne Hides, Professor Billie Bonevski and Conjoint Professor Christopher Doran**

**\$592,756**

To look at the efficacy and cost-effectiveness of delivering personalised feedback via technology, to young people to improve their diet.

(NHMRC Targeted Calls for Research – Preventing Obesity in 18-24 year-olds)

**Professor Paul Dastoor**

**\$379,500**

For his phono based condensed matter imaging project.  
(ARC Discovery Projects)

**Associate Professor Christopher Dayas, Associate Professor Brett Graham, Professor Gavan McNally, and Dr Jaideep Bains**

**\$499,666**

To examine hypothalamic control of motivated behaviour.  
(NHMRC Project Grants)

**Dr Chantal Donovan**

**\$318,768**

For her project Targeting IL-33 in chronic obstructive pulmonary disease (COPD), chronic asthma and idiopathic pulmonary fibrosis (IPF).

NHMRC Early Career Fellowships (Australia) – Peter Doherty Biomedical ECF)

**Laureate Professor Paul Foster and Dr Hock Tay**

**\$738,768**

To investigate the pro-inflammatory role of IL-36/IL-36R in pathogen-induced exacerbations of asthma and COPD.  
(NHMRC Project Grants)

**Laureate Professor Paul Foster and Dr Max Plank**

**\$870,476**

To examine the role of Th22 cells in regulating respiratory immune responses in health and disease.  
(NHMRC Project Grants)

**Laureate Professor Paul Foster, Dr Ming Yang and Dr Nathan Bartlett**

**\$815,476**

Research into shared innate immune mechanisms that underpin steroid-resistant pathogen-induced asthma exacerbations.  
(NHMRC Project Grants)



**Professor Phil Hansbro**  
**Professor, NHMRC Fellow**  
**and Brawn Fellow**  
**School of Biomedical**  
**Sciences and Pharmacy**  
**(Immunology and**  
**Microbiology)**

**Dr Megan Freund**

**\$177,197**

To research the effectiveness of systems-based intervention in increasing health assessments in Aboriginal Community Controlled Health Services. (NHMRC TRIP Fellowships)

**Professor Kevin Galvin**

**\$216,875**

To research 3D flotation of fine particles. (ARC Linkage Projects)

**Dr Andrew Gardner**

**\$318,768**

For his project investigating the potential association between sports concussion and neurodegenerative disease in collision sports athletes. (NHMRC Early Career Fellowships)

**Dr Anna Giacomini,**  
**Professor Stephen Fityus,**  
**Professor Scott Sloan,**  
**Associate Professor Riccardo Roncella**  
**and Mr Shaun Booth**

**\$274,972**

To develop a new framework for a cost-effective geohazard assessment. (ARC Linkage Projects)

**Conjoint Professor Peter Greer, Professor Rick Middleton, Conjoint Associate Professor Jarad Martin, Dr Jeremy Booth, Dr Boyd McCurdy, Dr Dale Lovelock and Dr Andrew Kneebone**

**\$593,742**

For work to improve patient safety in radiation therapy. (NHMRC Project Grants)

**\$961,929**

**Professor Phil Hansbro,**  
**Conjoint Professor Peter Gibson,**  
**Professor Matthew Cooper and**  
**Professor Luke O'Neill**

To investigate therapeutic interventions for severe steroid-resistant asthma. (NHMRC Project Grants)

**Dr Guy Hawkins**

**\$365,000**

To examine cognitive models of mental architectures in consumer preference. (ARC DECRA)

**Dr Mariano Heyden**

**\$379,000**

DECRA funds to conduct a global analysis of the effectiveness of diversity quotas on corporate boards. (ARC DECRA)

**Associate Professor Frini Karayanidis, Professor Dr Birte Forstmann, Professor Mark Steyvers, Dr Sharna Jamadar, Dr Guy Hawkins, Professor Dr Rhoshel Lenroot, and Emeritus Professor Patricia Michie**

**\$492,500**

Modelling trajectories of cognitive control in adolescents and young adults. (ARC Discovery Projects)

**Dr Simon Keely,**  
**Professor Mark Morrison (UQ),**  
**Dr Pariac O Cuiv (UQ),**  
**Associate Professor Martin Veysey and Dr Susan Hua**

**\$833,648**

For work looking at epithelial metabolism as a mediator of host-microbiome interactions in inflammatory bowel disease. (NHMRC Project Grants)

**Professor George Kuczera,**  
**Associate Patrick Lane,**  
**Dr Shane Haydon and Dr Arko Lucieer**

**\$450,000**

To research remotely sensed forest water use in space and time. (ARC Linkage Projects)



Professor  
Billie Bonevski

‘Traditionally, drug and alcohol services in Australia will address every other drug type... but they won’t address tobacco smoking.’

– Professor  
Billie Bonevski

**Mr Hopin Lee**

**\$408,768**

NHMRC Early Career Fellowship (Overseas) for using process evaluations of treatment mechanisms to inform evidence-based healthcare.

(NHMRC Early Career Fellowships (Overseas) – Neil Hamilton Fairley Clinical ECF)

**\$979,270**

**Professor Chris Levi, Dr Andrew Bivard, Professor John Attia, Professor Christopher Bladin, Professor Stephen Davis, Professor Geoffrey Donnan, Professor Craig Anderson, Associate Professor Bruce Campbell, Professor Mark Parsons and Dr Rohan Grimley**

To implement a telehealth program across 20 regional sites to provide increased thrombolysis and triage access with multimodal CT.

(NHMRC Partnerships)

**Professor David Lubans, Dr Narelle Eather, Dr Charles Hillman (Illinois), Associate Professor Chris Lonsdale (ACU), Professor Philip Morgan, Professor Michael Nilsson, Professor Ron Plotnikoff and Dr Jordan Smith**

**\$636,912**

To investigate ways to increase vigorous physical activity among older adolescents.

(NHMRC Project Grants)

**Professor Rob Melchers, Professor Chongmin Song, Damian McGuckin, Dr Stuart Cannon, and Professor Martin Renilson**

**\$550,000**

To research structural integrity deterioration of ageing ships and marine platforms in collaboration with Pacific Engineering Systems International and the DST Group

(ARC Linkage Projects)

**Professor Robert Melchers, Dr Igor Chaves, and Associate Professor Bobby Kannan Mathan**

**\$423,000**

To look at microbiological and abiotic marine corrosion of steel in particulate matter.

(ARC Discovery Projects)

**Professor Behdad Moghtaderi, Dr Kalpit Shah, Dr Jianglong Yu and Clive Stephens**

**\$309,000**

To research a novel mineral looping tar removal process for biomass gasification.

(ARC Linkage Projects)

**Professor Graeme Murch, Professor Irina Belova, Associate Professor Thomas Fiedler, Dr Elena Levchenko, Professor Yongho Sohn, and Professor Zi-Kui Liu**

**\$309,000**

To investigate mass transport in high entropy alloys.

(ARC Discovery Projects)

**Dr Nicole Nathan**

**\$177,197**

To research the implementation of a mandatory primary school physical activity policy.

(NHMRC TRIP Fellowships)

**Dr Amir Salehipour**

**\$360,000**

To research exact and hybrid algorithms for aircraft landing problems.

(ARC DECRA)

**Dr Kalpit Shah**

**\$375,000**

DECRA funds to investigate a novel, chemical-looping process for carbon fibre production from plastics.

(ARC DECRA)

**Laureate Professor Roger Smith, Professor Istvan Toth, Professor Jonathan Morris, Conjoint Professor Tamas Zakar and Dr Sonika Tyagi**

**\$808,447**

To conduct research to better understand the myometrial transition at term and preterm labour to guide tocolysis.

(NHMRC Project Grants)

**Associate Professor Rosalind Smith, Dr Sarah Ross, and Professor Michelle O’Callaghan**

**\$116,000**

To examine early modern women and the poetry of complaint between 1540 and 1660.

(ARC Discovery Projects)

**Dr Malcolm Starkey**

**\$372,000**

To understand how innate lymphoid cells regulate mammalian lung development.

(ARC DECRA)

‘These days, the troubling and most prevalent diseases are social problems - not medical ones.’

– Laureate Professor Roger Smith



Laureate Professor Roger Smith

**Dr Jessie Sutherland**

**\$318,768**

For work on primordial follicle activation in premature ovarian failure. (NHMRC Early Career Fellowships (Australia) – Peter Doherty Biomedical ECF)

**Dr Flora Tzelepis, Associate Professor Christine Paul, Professor John Wiggers, Professor Kypros Kypri, Professor Philip Morgan, Associate Professor Marita Lynagh, Dr Libby Campbell, and Ms Kathryn Chapman**

**\$634,076**

To investigate support mechanisms for TAFE students with multiple health risk behaviours. (NHMRC Project Grants)

**Professor Paulette van Vliet, Professor Leeanne Carey, Professor Kwakkel Gert, Dr Patrick McElduff, and Dr Allie Turton**

**\$832,597**

For a project to improve arm function after stroke. (NHMRC Project Grants)

**Professor Erica Wanless, Associate Professor Grant Webber, Dr Peter Ireland and Associate Professor Syuji Fujii**

**\$235,000**

Investigating electrostatic formation of liquid marbles. (ARC Discovery Projects)

**Associate Professor Christopher Wensrich, Professor Erich Kisi, Associate Professor Michael Meylan, Dr Anton Tremsin, Dr Vladimir Luzin, and Professor Oliver Kirstein**

**\$381,000**

To research at Bragg-Edge Neutron Transmission Strain Tomography. (ARC Discovery Projects)

**Associate Professor Luke Wolfenden, Professor John Wiggers, Professor Adrian Bauman, Professor Chris Rissel and Dr Nicole Nathan**

**\$586,396**

Strategies to maximise the uptake and implementation of school physical activity policies to ensure that they can improve student health. (NHMRC Partnerships)

**Associate Professor Luke Wolfenden**

**\$474,512**

To generate new knowledge to address impediments to the translation of chronic disease prevention research. (NHMRC Practitioner Fellowships)

**Associate Professor Wolfenden, Professor John Wiggers, Professor Kylie Ball, Professor Karen Campbell, Professor Chris Rissel, and Dr Rebecca Wyse**

**\$725,373**

To conduct a randomised controlled trial of an online intervention to improve healthy food purchases from primary school canteens. (NHMRC Project Grants)

**\$930,000**

**Associate Professor Sarah Wright**

To investigate ways to enhance adaptive capacity to environmental change. (ARC Future Fellowships)

**Associate Professor Sarah Wright and Dr Paul Hodge**

**\$380,957**

To investigate geographies of co-existence in Urban and Rural Areas. (ARC Linkage Projects)

**Dr Yuen Yong**

**\$296,000**

Novel microcantilevers for multifrequency atomic force microscopy. (ARC Discovery Projects)

**Dr Sze Lin Yoong**

**\$330,000**

To research theory-based implementation of nutrition guidelines in childcare settings. (ARC DECRA)

**Dr Jianglong Yu, Professor Behdad Moghtaderi, and Professor Qingbo Meng**

**\$230,000**

To research innovation integrated combustion flue gas dry cleaning technology. (ARC Linkage Projects)