



Murdoch Mail

Issue 3, August 2016

Murdoch rewards academic excellence in schools

Academic Excellence Awards Now Open

Murdoch University is proudly continuing its recognition of high-performing domestic students by announcing that applications for the Murdoch University Academic Excellence Awards ([MUAEA](#)) for Semester 1, 2017, are now open. The \$3,000 MUAEA's acknowledge and reward commencing students who have a record of high academic achievement in their previous studies. They are awarded to students who have a predicted ATAR of 90 or above, with the exception of students looking to enter Veterinary

Medicine and Law. For students wanting to enter Law, they will need a predicted ATAR of 94 or above.

To apply, students must be Australian citizens or permanent residents completing year 12 at an institution that offers an Australian high school qualification, and:

1) Submit an application to study a Murdoch University course through [TISC](#) before the published closing date;

2) Nominate their chosen Murdoch University [course](#) as their first preference (excluding Veterinary Science);

3) Be expected to achieve a predicted raw ATAR (prior to any RISE bonus) of 94 or higher for Law or 90 or higher for all other Murdoch University courses (except Veterinary Science);

4) Have achieved English Language Competency, as deemed by the university; and

5) Send a completed MUAEA application form:

scholarships@murdoch.edu.au

For full terms and conditions, as well as the application process, please [click here](#).



Murdoch Recognises Excellence in Science

Scholarships for Scientific Excellence

In 2015, according to [Australian Quality Indicators for Learning and Teaching](#), the School of Engineering and Information Technology at Murdoch University ranked 1st in Western Australia and 2nd in the nation in terms of the overall student satisfaction in engineering. These results reflect the dedication to students demonstrated by the talented staff. Murdoch's four-year undergraduate engineering programs include honours and are taught over the following relevant and exciting areas: Chemical & Metallurgical Engineering; Electrical Engineering (comprising Electrical Power, Industrial Computer System, Instrumentation and Control, and Renewable Energy Engineering); and Environmental Engineering.

For 2017, Murdoch University Dean's Scholarships for Scientific Excellence will be available to high-performing high school students. These scholarships are valued at up to \$9,000.

Dean's Scholars will have access to all the research facilities in the School, be paired with academic mentors, and be provided with an additional \$2,000 to help them pursue their own research interests and to travel to laboratories

and conferences in Australia and overseas.

To be eligible to automatically receive the Dean's Scholarship, students will need to:

1) Place one of the aforementioned courses as their first preference on TISC;

2) Achieve an ATAR of 90+; and

3) Achieve English Language Competency

Murdoch understands that despite excelling in STEM subjects not all students will attain an ATAR of 90 and above. With this in mind, Murdoch would still like to reward and encourage motivated students to pursue studies in engineering and therefore welcomes direct applications for the Dean's Scientific Excellence Scholarship.

Applicants must demonstrate strong aptitude and performance in a STEM subject. Details and application forms can be downloaded from the University's Scholarships [website](#).

BREAKING NEWS

NEW SCHOLARSHIPS FOR:

[Law and Criminology](#)

[Criminology](#)

[Environmental Science](#)

[Physics &](#)

[Nanotechnology](#)

CLICK THE LINKS!

Murdoch Helps Near-miss Students get On Track for University

Register Year 9s and 10s for A Day in the Life of a Murdoch student!

OnTrack Sprint Helps Near-Miss ATAR Students

It's always good to have a Plan 'B'. Enter Murdoch University's [OnTrack Sprint](#) program, which supports students whose ATARs will mean they just miss out on a university offer.

In just four weeks over the summer period prior to semester one, OnTrack Sprint students are supported through a range of programs aimed at equipping them with the skills and confidence they need to succeed in their first semester of study at Murdoch University.

The program provides students with:

- A supportive, adult learning environment in which to fine-tune study habits and learning strategies;
- The tuition needed to boost academ-

ic skills, knowledge and understanding to an undergraduate level; and

- A network of peer and academic support

The program is free and only requires four weeks of commitment to intensive full-time study, meaning students must be available to attend classes on weekdays between 8:30am and 5:30 pm.

Students commit approximately 35 to 40 hours per week to classes and study.

Students are eligible for entry into OnTrack Sprint if they complete Year 12 or have completed it in the last 18 months, and:

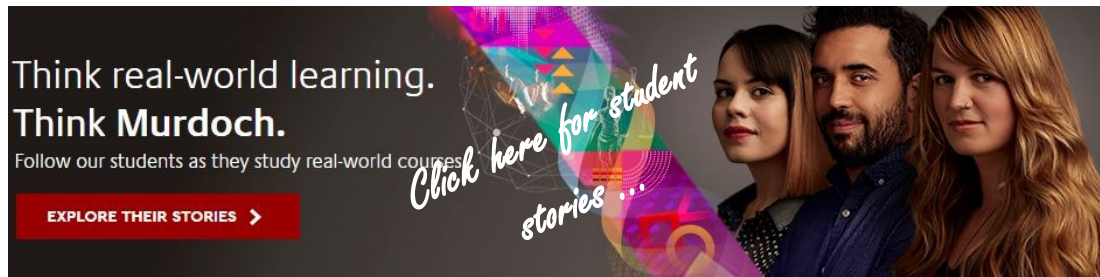
- Gain an ATAR between 60.00 and

69.95 (including RISE, if eligible); or

- Gain an ATAR of 70 or above with a scaled score of 45 to 50 in ATAR English; and

- Are Australian or New Zealand Citizens, Permanent Residents or hold Humanitarian Visas

Students who fall into the near-miss ATAR category can call us on release of results from December 29th to register.



A Day in the Life of a Murdoch Student

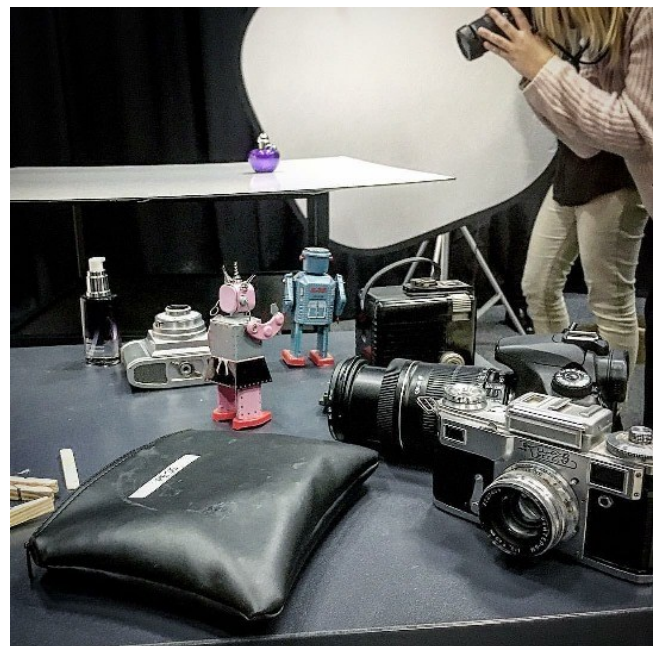
After the success of [ADITL](#) earlier in 2016, Murdoch University is excited to announce it will be running another ADITL in October. Year 9s and 10s wanting to experience life as Murdoch students are encouraged to register their interest [here](#).

At this stage, October 6th is the only day scheduled, but demand is expected to be high and so a second day will be considered. ADITL is an opportunity to explore Murdoch's amazing campus, meet its excellent academics, and find out about courses, pathways and student life.

Students will experience everything Murdoch has to offer – from facilities to campus life, while also attending classes to work on practical activities.

Course info: study@murdoch.edu.au
1300 MURDOCH

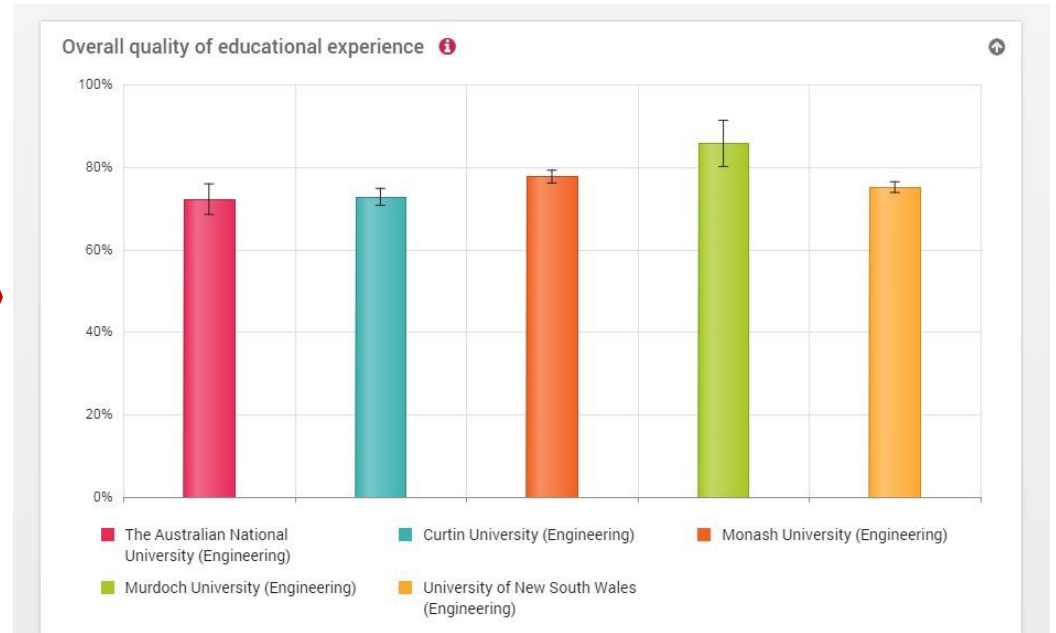
School Staff: engage@murdoch.edu.au
9360 6796



Murdoch Engineering 2nd in Australia, 1st in WA

Right: Chart showing Murdoch University's "Overall quality of educational experience" for Engineering compared to a selection of other universities. Murdoch recently ranked 2nd in Australia.

Source: [University Experience Survey 2014 and Student Experience Survey 2015](#)



Early conditional Offers available for Engineering students applying to Murdoch University

Early Offers Now For Engineering

For 2017, Murdoch University is now processing [TISC](#) applications for its engineering courses. These conditional offers will be made to current Year 12 students who place one of Murdoch's undergraduate engineering programs as their first preference on TISC. The conditions that need to be met include

- 1) Attaining an ATAR of 80 or above;
- 2) Achievement of WACE; and
- 3) Achievement of English Language Competency

Some students may not be expecting to reach an ATAR of 80. These students could still have a pathway into engineering. Students with a predicted ATAR of above 70 can start their engineering education at Murdoch by enrolling in:

[Engineering Technology](#) (a pathway to Electrical Engineering); or

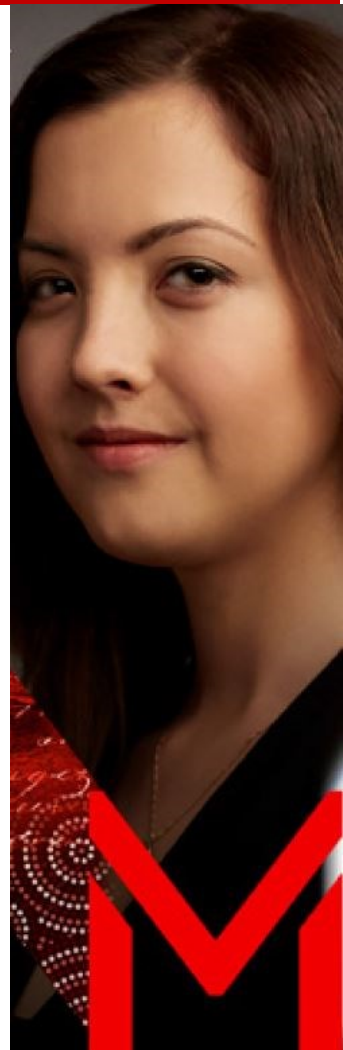
[Mineral Science](#) (a pathway to Chemi-

cal and Metallurgical Engineering or Environmental Engineering)

There has never been a better time to enter a science or engineering program at Murdoch University. The University has world-leading scientists in diverse areas from human genetics, bio-medical physics, as well as in crucial future technologies, such as water desalination, photovoltaic technology and big data. This has led to the development of exciting new courses and new ways to integrate teaching and research. In addition, the University has new state-of-the-art physics and fire-safety laboratories, research facilities and teaching venues .

Students: study@murdoch.edu.au
1300 MURDOCH

School Staff: engage@murdoch.edu.au
9360 6796



Sun Shines on Murdoch's Open Day



**20,000 visitors for
Open Day**

For a university which prides itself on unique and forward-thinking degrees like [renewable energy engineering](#), it was gloriously fitting that the Perth winter sun shone bright in all its solar power on Murdoch University's recent Open Day.

Sunday, July 24th saw Western Australia's second oldest university welcome around 20,000 prospective students and their families to its green and inviting campus. Visitors were greeted by over 1,000 dedicated staff and volunteers on the day, making each patron's experience uniquely "Murdoch". Murdoch unfolded its facilities, academics, students and staff allowing visitors full access to its entire campus. They had their work cut out for them – Murdoch is Australia's second largest university campus – but on the day were invited to sit back and enjoy a tour around campus on free trams.

At the [School of Business & Governance](#), visitors participated in a "World Trade Domination" exercise, which exposed them to numerous practices from the world of commerce. This was a glimpse into Murdoch's [Bachelor of Business](#), featuring exciting majors for students pursuing careers in commerce.

In the [School of Arts](#), not only did students gain an appreciation for the exciting range of [double majors](#) available, but they were also able to visit a film set

and TV [studio](#), [write](#) a short story, set up a live [radio](#) segment, and enjoy a range of other arts- and social science-based activities. Meanwhile, in Murdoch's [School of Education](#), interested visitors met students in the Elite Athletes program and learned how to set young minds alight in the classroom.

Operating a fully functioning, industry standard pilot plant in the [School of Engineering and IT](#) was a popular activity, as was observing photovoltaic cells in action pumping water. More pertinent to the direction in which the world is travelling, there was an in-depth look at [environmental engineering](#) as well as problem solving exercises involving robotics.

At Murdoch's [School of Law](#), Western Australia's premier undergraduate law school, prospective students took part in a mock trial in the multi-million dollar Moot Court, whilst in the [School of Health Professions](#) and [School of Psychology and Exercise Science](#), visitors learned how to get bodies [moving](#), minds [healthy](#), and how to [nurse](#) patients back to health.

Last, but not least, the [School of Veterinary and Life Sciences](#) was proud to show off its incredible array of [programs](#), allowing visitors to go on a wetlands safari field trip right on the University campus, investigate coral bleaching, examine ocean currents using chocolate,

identify human skeletal remains, watch explosive chemistry, and, of course, test for pregnancy on an artificial cow.

It was another spectacular Open Day for this great university. However, understandably not everyone could attend on the day. Aside from the additional information and news in this publication, there is still plenty of time to talk directly with the University about courses, combining majors and degrees, pathways and scholarships. So for anyone who missed it, particularly Year 12 students, the University encourages them to make contact when convenient. Careers Counsellors and school staff are also invited to contact the University if they'd like a visit to or from Murdoch University. Contact details are below:

Students: study@murdoch.edu.au
1300 MURDOCH

School Staff: engage@murdoch.edu.au
9360 6796

Get into Arts at Murdoch through Portfolio Entry

Portfolio Entry into Murdoch Arts Degrees

Murdoch University is hosting an information session for students looking to enter arts degrees by showcasing their work in a portfolio.

On the day, students can participate in creative workshops conducted by our industry-experienced academics, and will receive feedback on their work. They will also learn how to compile a stunning portfolio for submission to Murdoch University

Portfolio applicants will be assessed on motivation and potential for creative aptitude, rather than by their ATAR results.

You can apply by portfolio for any of the following courses:

- English and Creative Writing
- Games Art and Design
- Graphic Design
- Journalism
- Photography
- Public Relations
- Radio
- Screen Production
- Sound
- Theatre and Drama
- Web Communication

Students can register their interest by clicking here:

experience.murdoch.edu.au

Date:

September 27, 2016

Venue:

Location: Murdoch University, South Street campus - Hill Lecture Theatre

Time:

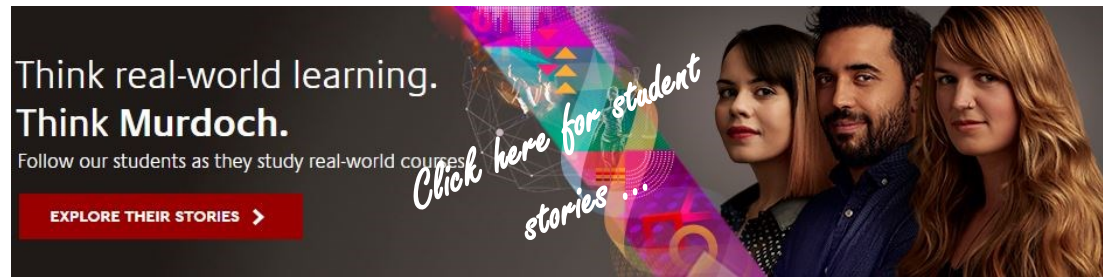
9.30am – 2.15pm

Email:

engage@murdoch.edu.au

Phone: 1300 MURDOCH (1300 687 3624)

#CodeLikeAGirl



Murdoch & Wesfarmers Launch 'Coderdojo' After-school Club

Murdoch University, in partnership with Wesfarmers Chemicals, Energy & Fertilisers and the Fogarty Foundation, are delighted to be launching a new and exciting FREE Female Coderdojo after school club. The club is open for students in years 8-11.

Coderdojo is about encouraging creativity and having fun in a relaxed, social environment. The clubs are designed to be self-led by the students, often project based, and are open for the students to explore new ideas and concepts in computer coding.

Female 'Champions', such as Anna and Maddie, students from Murdoch University, and industry experts from Wesfarmers, will be on hand each week to support the students to learn how to develop websites, apps, programs, games and explore how coding is a force for change in the world. All Champions hold a current working with children card.

The club is located at Murdoch University's South Street Campus for eight weeks starting Tuesday, 23rd of August, 2016. The after school program will run between 15.30 and 17.30 each week.

Murdoch invites schools to share this opportunity with their students, parents and carers. Interested students should submit a completed application form to Alexis Westerside, awesterside@wescef.com.au no later than Friday 19th August. Places are limited so early applications will be appreciated.

To get an application form click the image to the right or email Murdoch on:

outreach@murdoch.edu.au



Professional Development
for Teachers

Teacher PD in Digital Technologies

Murdoch University is hosting a teacher professional development workshop in partnership with the Asia Education Foundation on Friday 16th September titled "Digital Technologies to Develop Global Citizens".

In this one day program teachers will learn:

- Deeper knowledge of digital technologies and new pedagogies that will enhance learning and teaching practice;
- To curate contemporary online resources that expand students knowledge and understanding of Australia's place in the world;
- To identify innovative learning opportunities to make global connec-

tions via virtual excursions with GLAM (galleries, libraries and museums) that support learning across the curriculum; and

- To unpack digital citizenship frameworks that support students to be global and digital citizens

It will be hosted in the ECL PG Suite (ECL2.031) and will run from 9am-4pm. The event is open to both primary and secondary school teachers.

For more information, and to register, teachers can click here:

[Digital Technologies Workshop](#)

Did you know ...?

That Murdoch is Australia's second-largest university campus?

That Murdoch is Western Australia's second-oldest university?

That Murdoch is the only university in WA to share its name with a suburb and a train station?

Students:

study@murdoch.edu.au

School Staff:

engage@murdoch.edu.au

outreach@murdoch.edu.au

Events:

experience.murdoch.edu.au

Enquiries:

1300 MURDOCH

Murdoch in the News ...

Melville Times

[Murdoch Students to Join Inaugural AFL National Women's League](#)

ABC News Online

[Murdoch Develops Plant Virus Test to Boost Biosecurity](#)

Out in Perth

[200 Attend Murdoch Symposium on Human Rights](#)

ABC News Online

[Murdoch Develops New High-Protein Wheat](#)

Mandurah Mail

[Murdoch Scholars Awarded](#)

WA Today

[Murdoch finds football-sized goldfish](#)

