WHAT WORLD?

IS THE COMING TO WHAT WORLD IS THE COMING TO

Your Guide to Australia's Biggest Campus

WHAT IS THE WORLD COMING TO
Multiculturalism – Our students come from over 90 countries.

Murdoch University’s South Street campus is the biggest in Australia. Most people don’t know that. We also have campuses in Peel and Rockingham. When you’ve got the biggest campus in Australia there’s naturally going to be a lot there. Which means there’s probably a lot more you don’t know about Murdoch University.

And yet from all over the world leading researchers, other universities and some of the best known names in business all come to this big campus on the other side of the world. And it’s just down the freeway from you.

Café Culture – There are cafés and places to eat everywhere. At last count it was 10.

So what is the world coming to? It’s coming to Perth because Murdoch University has great things to offer. This is a guide to all the good stuff about Murdoch. The kinds of things you need and expect from a globally connected university. We’ll tell you about the bits you need to know. Some of the stuff you probably know already and hopefully lots more stuff that makes you say, “Wow… I didn’t know that”, and makes you want to find out more.

murdoch.edu.au
Courses, courses and more courses. We have over 90 to choose from so there’s bound to be one that interests you.

Murdoch’s Rockingham campus is home to the WA Desalination Centre, which brings together the nation’s top desalination scientists to find answers to our water crisis.

Basic Info

South Street campus
90 South Street,
Murdoch, WA 6150

Peel campus
Education Drive,
Mandurah, WA 6210

Rockingham campus
Dixon Road,
Rockingham, WA 6168

Students – 19,635
Staff – 1,449

Nationalities
There are over 90 different countries represented on campus.

Religion
Yes and No. It all depends on you. If it’s Yes, there’s a non-denominational Worship Centre on campus.

Important Contact Details
All campuses
1300 MURDOCH
(1300 687 3624)
www.murdoch.edu.au

Email:
study@murdoch.edu.au

Careers Centre. You can get training for interviews, help writing your CV and work experience.
Getting There

**Murdoch (South Street) campus**
It’s just 14 minutes by train from Perth to the Murdoch Station. There are regular buses from there to the uni. But try walking, it’s not far and it’s nice and shady.

Buses run right past the campus.

Cycling is good if you can. Bikes are also handy to get around the grounds. And you’ll find 35 bike rack locations at the South Street campus where you can park your wheels.

There’s plenty of parking for cars too. Space is not something Murdoch is short of.

The getting to Murdoch tool maps your journey and tells you the best way to get there. Visit www.murdoch.edu.au/About-us

**Overseas students** – most major airlines have regular direct flights to Perth.

**Peel campus**
By train it’s around 35 minutes from Murdoch Station to Mandurah Station, or an easy drive down the freeway.

**Rockingham campus**
It’s about 45kms from Perth and around 19 minutes from Murdoch Station to Rockingham Station.

Bus – There’s a bus every 10 minutes or so from the Murdoch train station to the South Street campus (and the train trip only takes 14 minutes from the CBD).

Diary Dates

Here are some key dates for the year.

**TISC dates**
28 September – TISC applications close. (Get yours in by this date unless you want to pay a late application fee.)
31 December – WACE results available

**4 January 2013** – Final closing date for applying, and for changing preferences for the main round of offers

**17 January 2013** – Main round offers available online

**4 February 2013** – Second round offers available online

**Murdoch Dates**

11 February 2013 – Orientation Week

18 February 2013 – Semester One commences
Murdoch University was opened in 1975 as WA’s second university. It was named after author and philosopher Sir Walter Murdoch. We’ve been a university since day dot. It’s Australia’s biggest campus (did we mention that already?) covering 227 hectares. And there are now campuses in Murdoch, Rockingham, Peel and overseas. All up it’s got over 19,000 students and over 1,400 staff from over 90 different countries.

In 2011, 4,000 native shrubs and trees were planted at the South Street campus. And we’re always planting more!

Experience It For Yourself

Some of the best things about Murdoch Uni are the unique learning opportunities available to students. There’s a working Vet Clinic and Hospital. A Chiropractic Clinic run by students and staff. A Moot Court lets law students hone their skills. A sports science lab gives students the chance to work with elite sportspeople. And an engineering pilot plant where students can build and learn about industrial-sized processes. It’s these types of features that help give you an edge when you start work in the real world because you’ll already have real world experience.

Law students work in the Southern Communities Advocacy Legal and Education Service (SCALES).
Academic Tour

There’s a choice of over 90 undergraduate courses at Murdoch University. These are listed a bit further on, and in a lot more detail online at murdoch.edu.au. These are the areas of study open to you:

- Arts
- Biological and Life Sciences
- Business
- Education
- Engineering
- Environmental Sciences and Sustainability
- Health Sciences
- Information Technology
- Law
- Physical Sciences

Plus there are all the things you need to study and learn, such as a Library Learning Common and Computer Lab open 24 hours a day, online resources and study options. There are also student support facilities, a Careers Centre, excellent industry partnerships in your field of study to give you invaluable real world experience before you graduate, and flexible course options so study can fit you and your lifestyle.

Social Tour

A truly great uni experience is not just about what you learn. It’s also about the stuff you can do when you’re not learning, and the friends you make along the way. There’s always great stuff going on. Student social life centres around Bush Court. Here you’ll find food, bands and events always on offer.

Murdoch is the only WA university that Sunset Events has chosen to partner with. This means Murdoch students get special treatment and offers for tickets to festivals like Southbound, West Coast Blues’n’Roots and more.

With heaps of clubs on campus, there’s something for everyone. The main one is The Student Guild, and there are clubs for divers, forensics, theatre, Anime, and a whole choice of sports – to mention just a few.

Market Daze – Bush Court comes alive every Thursday with heaps of different market stalls selling everything from fresh fruit and veg to jewellery and loads more.
The world is yours 24/7

You can explore the world as you study. At Murdoch Uni you can travel to other countries as part of your degree and experience new cultures, meet new people and see the world.

Here are just some of the amazing experiences our students have been involved in recently:

• Studying in America, Europe or Asia for one semester or for a year as part of our Study Abroad and Exchange Program. We have 60 exchange partners in more than 20 countries, so there is a wide range of cultures and experiences for you to enjoy.
• Visiting Spain, Italy and Croatia to study international business models as an elective unit through our International Study Tour program.
• Providing free treatments, first aid and basic medical supplies to rock breakers in India as part of our Chiropractic Science course.
• Vaccinating lions as part of a field trip to Kruger National Park in South Africa for our Veterinary Science students.
• Performing plays in Chile to help teach English to the local community as part of our Theatre and Drama course.
• Spending a year in Indonesia or Japan for our Asian Studies Specialist course.
• Travelling to China as part of the Chinese Business course.

Need a different path to Uni? The OnTrack and Murdoch Institute of Technology programs let you build the skills you need to succeed at uni. If you’ve got a Certificate IV or Diploma you may already qualify.

Vet Clinic and Hospital. Vet students treat all sorts of animals at the clinic. In the fully functioning hospital they treat horses, sheep, cattle, cats, dogs and more.

24/7

It’s not always great to be up all night studying and working, but if you need to it’s good to know that the Library Learning Common and Computer Labs are available to Murdoch students 24 hours a day, 7 days a week.

Chinese garden – Very beautiful and peaceful. A place for reflection and trying to spot the elusive Koi fish.
Dr Mike Bunce
Research Fellow
School of Biological Sciences and Biotechnology, Murdoch University

What’s your interest? The field of ancient and degraded DNA – it’s all about extracting DNA from stuff like fossil bones, mummified material, ice cores and faecal material. This kind of material contains a heap of biological information that we can access though preserved DNA.

What keeps you busy? Developing new technologies that enable us to characterise degraded DNA. We then go about analysing and publishing the results. The aim is to discover new things about the environment or to provide a useful DNA service. For example, Customs will send us a piece of ivory and ask, ‘Is this elephant or mammoth?’

Why did you choose Murdoch University? I came to set up an ancient DNA lab. Western Australia is a biodiversity hotspot, but like so many places around the globe, it has suffered from human impacts. Ancient DNA allows us to travel back in time so we can better understand what the environment was like then, and how it has changed.

Who has come to you? I collaborate on a variety of projects with universities here in Australia and around the world including Denmark and New Zealand. Our ability to isolate DNA from biological material is also useful to large resource companies. They see the potential in using DNA as a tool to audit biodiversity in the areas in which they operate.

What’s great about working here? We’ve got an internationally competitive research group. We’re publishing papers and saying, ‘Wow, look what you can do with DNA!’ It’s leading edge, it’s high profile and I love the science.
Professor Simon Mallal
Head, Institute for Immunology and Infectious Diseases, Murdoch University

What keeps you busy at Murdoch? Research into genetic testing for drug hypersensitivity which has lead to huge improvements in the treatment of diseases, like HIV.

Why did you choose Murdoch? What attracted me to Murdoch was the ethos, the culture and the adaptability. And the ability to do new and exciting things.

Who has come to you? Royal Perth Hospital, Fiona Stanley Hospital, the United States National Institute of Health and the National Centre for HIV Epidemiology Clinical Research.

What’s great about working here? What matters most is making a difference. In this building are good problem solvers. Be they a nurse or admin clerical staff or computer staff, everyone can make a contribution. Everyone is essential.

Breaking News. GlaxoSmithKline Award for Research Excellence. Professor Simon Mallal has been nominated for his research into genetic testing to prevent drug hypersensitivity. This work has led to significant advancements in both international HIV treatment guidelines and understanding drug toxicity.

Professor John Howieson
Centre for Rhizobium Studies Faculty of Veterinary & Life Sciences, Murdoch University

What keeps you busy at Murdoch? Research into root nodule bacteria in the development of legume crops and their use in helping raise plant productivity in developing countries.

Why did you choose Murdoch? Murdoch had a couple of really good professors working in nitrogen fixation who asked me to come over and set up this research centre. And we’ve been going well ever since.

Who has come to you? The University of Johannesburg, and the N2Africa Project.

What’s next? We are working in sub-Saharan Africa to help put in legumes people eat, like cowpeas, chickpeas and soybeans. We are introducing pasture legumes into the grasslands of South Africa with funding from the Australian Centre for International Agricultural Research. We are also working to develop food crops on Christmas and Cocos Islands.
Meet Daithi

Where are you from?
Belfast, Ireland.

Why choose Murdoch?
I came to work with Mike Bunce and the people in the Ancient DNA Lab. His research is recognised around the world. It’s a chance to study and understand the effects of environmental change over thousands of years. WA, with its rich biodiversity, is the perfect place for that.

Meet Rebecca

Where are you from?
Beaconsfield, WA.

Why choose Murdoch?
I really wanted to study animation and Murdoch gave me the opportunity to study under Simon Allen, who has worked as an animator at Pixar, Weta Digital in New Zealand and Lucas Arts.

Meet Sofia

Where are you from?
Ghent, Belgium.

Why come all this way to Murdoch?
John Howieson is a professor at Murdoch University working on organisms called root nodule bacteria. They are a key part of future food sustainability and therefore Murdoch is the best place to study these.

Meet Alex

Where are you from?
Kununurra, WA.

Why choose Murdoch?
I value the experience of meeting many wonderful people at Murdoch Uni. They gave Screen Production the life and vitality that it’s known for. I wouldn’t trade my experience for anything.

Meet Melissa

Where are you from?
Yokine, WA.

Why choose Murdoch?
I chose Murdoch because it offered Renewable Energy Engineering and provided the bridging units I needed in Physics and Maths. Murdoch’s flexibility gave me the opportunity to combine engineering with commerce to boost my career prospects. I was also very impressed with the facilities.

Meet Sports Lab. Staff and students are already working with WACA cricketers and other elite athletes in this state-of-the-art new facility.
Each course will teach you different skills and give you different experiences, so it’s good to consider a range of options before you make any decisions. Some courses lead you towards a specific profession — such as nurse, engineer or vet — while other courses will help you develop a range of skills to shape your own career path.

Discover a course you’d like to study at Murdoch.edu.au/CourseFinder. You can use this tool to explore different ideas, discover what you’d really like to do and learn how to get there.

Nursing Ward. Two twelve-bed wards on our Peel campus give Nursing students the skills they need to start healing the sick.

No formal subject prerequisites. All you need is English and your options are wide open.
Arts

If you’re a creative thinker, care about people and want to inspire change in the world, an Arts degree is your chance to make a difference. With a wide range of courses on offer you’re sure to find something to spark your interest.

As a Murdoch student, you could:
• Perform in a professional theatre piece.
• Spend a year working and studying in Japan or Indonesia.
• Enter writing competitions, have your work published or performed on stage.
• Improve the lives of others through our Community Development course.

You can choose from these courses (with minimum indicative ATAR):
- Applied Events Management 55.00
- Asian Studies 60.00
- Australian Indigenous Studies 60.00
- Communication and Media Studies 60.00
- Community Development 60.00
- English and Creative Writing 60.00
- Games Art and Design 60.00
- General Arts 60.00
- History 60.00

- Interactive Digital Design 60.00
- International Aid and Development 60.00
- Journalism 60.00
- Politics and International Studies 60.00
- Philosophy 60.00
- Public Relations 60.00
- Radio 60.00
- Screen Production 60.00
- Security, Terrorism and Counterterrorism 60.00
- Sociology 60.00
- Sound 60.00
- Theatre and Drama Studies 60.00
- Theology 60.00
- Tourism 60.00
- Web Communication 60.00

Art Collection - It’s amazing with 1,000 pieces that can be seen all around campus.
Biological and Life Sciences

Studying Biological Sciences would suit those who believe in the future, who value the living world and who want to be part of a problem solving team. There is much more to science than working in a laboratory. Step away from the ordinary to discover genetics, explore DNA profiling or learn how to protect animal and plant species.

Oh, and did you know Murdoch University offers the only Veterinary Science course in WA and has a vet farm and operational vet hospital?

Here are just some of the projects our staff, students and researchers have been working on recently:

• Discovering how dolphins use a technique called ‘conching’ to catch fish.
• Using ancient DNA to reinterpret the history of our species and provide insights into how humans became scattered across the globe.
• Exploring the roles viruses play in the health of orchids in WA under climate change.

You can choose from these courses (with minimum indicative ATAR):

Animal Science 60.00  
Biological Science 65.00  
Biomedical Science 65.00  
Biotechnology 65.00  
Biotechnology + Management OR Marketing OR Entrepreneurship and Innovation 65.00  
Conservation and Wildlife Biology 65.00  
Forensic Biology and Toxicology 65.00  
Forensic Biology and Toxicology + Molecular Biology + Biomedical Science 70.00  
Marine Science 65.00  
Molecular Biology 65.00  
Veterinary Science 97.05  
Murdock has its own vet farm, vet hospital, pet emergency centre, equine centre and high tech surgery teaching facility.

Business

Whether you want to start your own small business, help the corporate world become more sustainable or be CEO of a global business empire, a degree in Business is a great place to start.

As a Murdoch student, you can create a course to suit your goals, by combining different majors or taking on a double degree. You can combine Business with a degree or major from any other study area.

As part of your studies, you could have the opportunity to:

• Travel to China as part of your course.
• Visit cities including London, Amsterdam, Paris and Frankfurt to study international business models as part of our International Study Tour.

• Design and run marketing campaigns in the Google Online Marketing Challenge.

You can choose from these courses (with minimum indicative ATAR):

Accounting 60.00  
Applied Accounting 55.00  
Banking 60.00  
Chinese Business 60.00  
Digital Marketing and the Media 60.00  
Economics 60.00  
Entrepreneurship and Innovation 60.00  

Finance 60.00  
Hospitality and Tourism Management 60.00  
Human Resource Management 60.00  
International Business 60.00  
Management 60.00  
Marketing 60.00  

Business students are taught by our team of internationally-recognised and awarded business experts.

Learn in the latest facilities of Murdoch’s new $7.5 million Business School building.
Education

Ask any of your own teachers and you’ll discover there’s much more to teaching than standing in front of a class of students. You’ll need to think creatively, solve problems, earn respect and learn to connect with others. At Murdoch we like to practice what we preach.

As an Education student at Murdoch, you can:

• Get valuable experience in a range of early childhood, primary or secondary school settings.
• Have access to professional development and on-site mentoring.
• Work in rural and regional communities.
• Combine your degree to broaden your career prospects.

You can choose from these courses (with minimum indicative ATAR):

Early Childhood 0-8 Years (New)

Early Childhood and Primary Education
South Street campus 60.00
Rockingham campus 55.00

Primary Education
South Street campus 60.00
Rockingham campus 55.00

Primary Education & Years 1-10
Health & Physical Education
Rockingham campus 55.00
Primary Education/Australian Indigenous Studies 60.00

Secondary Education
- Secondary/Arts 65.00
- Secondary/Other 65.00
- Secondary/Science 65.00
- Secondary Education and Sports Science 65.00
- Secondary Education/ Theatre and Drama 65.00

Engineering

A degree in Engineering can lead you to achieve some amazing things in your career. You could end up solving problems in the mining industry, finding new ways to control pollution in big cities or designing new technology that can change lives.

As an Engineering student at Murdoch, you can:

• Choose from a range of specialist degrees.
• Gain practical industry experience in the purpose-built pilot plant.
• Apply your new skills to real situations and get a competitive edge in your career by taking an internship.
• Combine engineering with another degree to enhance your career opportunities even further.

You can choose from these courses (with minimum indicative ATAR):

- Engineering 70.00
- Electrical Power Engineering
- Environmental Engineering
- Industrial Computer Systems Engineering
- Instrumentation and Control Engineering
- Renewable Energy Engineering

Engineering/Commerce 70.00
Engineering/Science 70.00
Engineering Technology 65.00

Nepal. A recent Murdoch graduate has been working in Nepal developing renewable energy systems to bring solar hot water and electric lights to a small village.

Engineering Pilot Plant. It’s the only one of its kind in Perth and one of only a few pilot plants on any uni campus in Australia.

Environmental Sciences and Sustainability

It’s no secret that creating a more sustainable future is one of the 21st century’s biggest challenges. With an Environmental Science degree you can be at the cutting edge of the new technology, behaviours and ways of thinking needed to spark change across every industry – from mining and construction to education, business and international aid.

Here are some of the exciting projects our students and staff have been working on recently:

• Helping to preserve wild oblong turtles.
• Researching ways of reducing pollution and solving water quality problems.
• Helping to raise plant productivity in developing countries.

You can choose from these courses (with minimum indicative ATAR):

- Environmental Engineering 70.00
- Environmental Management 60.00
- Environmental Science 65.00
- Sustainability 60.00
- Sustainability Science 65.00
- Sustainable Development 60.00

One of the first. Murdoch was one of the first universities to introduce an Environmental Science degree more than 30 years ago.
Health Sciences

A healthy mind means a healthy body? Or vice versa? You’ll get both answers in this area. With a choice of courses in Nursing, Chiropractic Science, Psychology, Exercise Physiology and Sports Science, you can discover how people think, function and move.

Murdoch prides itself on its mix of theoretical learning and providing practical real life experience. Health Sciences is a great example of this.

As part of your studies, you could have the opportunity to:

• Graduate from Nursing in just three years with your health care and promotion portfolio drawn from real life scenarios and from many different places and people.
• With two 12-bed hospital wards and clinical simulation area at the Peel campus, Nursing graduates are ready to excel in their profession.
• Work in a Chiro clinic.
• Provide chiropractic treatment to music artists at Southbound Music, Camping and Arts Festival.
• Sports Science students use Murdoch’s state of the art facilities that include a rehabilitation clinic, biomechanics/motor control, exercise physiology and strength/conditioning laboratories.
• Psychology Students can get an insight into research throughout their degree by acting as participants in projects being conducted by postgraduate Murdoch students.
• Combine your Sports Science degree with a Psychology major and one day work as a sports psychologist.

You can choose from these courses (with minimum indicative ATAR):

Chiropractic Science 80.00
Exercise Physiology 70.00
Nursing 55.00
Psychology 65.00
Psychology Honours 90.00
Sports Science 65.00

Murdoch’s School of Nursing works closely with Antipodeans Abroad, a program that allows students to volunteer in health programs overseas. You could travel to India and Laos to work with village health clinics.

Chiropractic Clinic – Students and staff run an on campus clinic open to everyone. You can even claim it on your health insurance.
Information Technology

With a degree in IT, you’ll have the skills and qualifications to work in absolutely any industry.

Here’s what makes an IT degree from Murdoch stand out:

• We’re always adapting our courses to meet global demands and trends – so you’ll have a competitive edge in the job market.

• You can explore real life issues by choosing your own specialty area, like Cyber Forensics, Information Security and Management.

You can choose from these courses (with minimum indicative ATAR):

- Business Information Systems 60.00
- Computer Science 60.00
- Cyber Forensics, Information Security and Management 60.00
- Games Software Design and Production 60.00
- Games Technology 60.00
- Information Technology Management 60.00
- Internet Software Development 60.00

Internetworking and Security
60.00

Recent IT Grads. You’ll find Murdoch graduates in places like Apple, the Australian Federal Police and Defence Signals Directorate.

Murdoch is one of the greenest universities in Australia and the first university in Australia to use GreenPower.
Law

A legal career can open up a broad range of opportunities, including working with artists and inventors in copyright law, dealing with big business in corporate law, lobbying for justice in environmental law or representing clients in the courtroom.

If you study Law at Murdoch, you’ll have the chance to:

• Join our International Human Rights program in Geneva, Switzerland or study Chinese Law at the City University of Hong Kong.
• Be part of the Murdoch Moot Court Bench and compete in major international mooting events.
• Study Criminology or Legal Studies to pursue a career in conveyancing, legal research or paralegal areas.
• Work as part of our Southern Communities Advocacy Legal and Education Service (SCALES).

• Complete some of your units at the Università di Macerata in Italy or Marquette University in the USA.

You can choose from these courses (with minimum indicative ATAR):

Criminology 60.00
Law 80.00
Legal Studies 60.00
Business Law 60.00

Murdoch has its very own Moot Court. Our Law students regularly excel at international mooting competitions. In a recent competition in Hong Kong they won six of the ten awards on offer.

Physical Sciences

Mathematics, chemistry and physics underpin the physical behaviour of our world and our universe. If you want to understand the world around you and be part of the scientific community driving technological innovation, then arm yourself with one of these degrees for an interesting and rewarding career.

You can choose from these courses (with minimum indicative ATAR):

Chemistry 65.00
Extractive Metallurgy 70.00
Mathematics and Statistics 65.00
Mineral Science 65.00
Physics and Nanotechnology 65.00

Internships help students walk into a job. Courses like Business, Politics, Engineering, Extractive Metallurgy, Psychology, Law, Science, Vet Science, Nursing, Public Relations, Tourism and Community Development all have internship programs.
To find out more about what Murdoch has to offer, go to murdoch.edu.au
You can email study@murdoch.edu.au
Or call 1300 MURDOCH

The best way of all to find out more? Visit Murdoch for yourself. Just jump on the train – it’s a short 14 minute trip from Perth to the South Street campus.

Or find out the easiest way to get there from your place by going online and using the Getting to Murdoch tool at www.murdoch.edu.au/About-us

Sperm Whale Skull – It’s somewhere on campus. If you find it there’s a prize – a pretty good walk and tour of the campus. (Clue: It’s outside at the back of a building)

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