Undergraduate Courses

Mini Guide 2020
Murdoch University is the place where free thinking makes progress. It is the place where independent thinking and collaborative thinking are encouraged. Most importantly, it is the place where new ways of thinking can be found.

As a Murdoch University student, you’ll have the structure, support and space to forge your own path, so you’ll graduate not just job ready, but life ready.

At Murdoch, asking the right questions matters just as much as finding the answers. If you have questions about your future, you’ve come to the right place.
Choosing what to study

At Murdoch University, we have more than 80 undergraduate courses on offer across eight study areas, so you can choose a degree best suited to your interests and goals.

Our degrees are flexible and for most courses you can choose to:

• Study on-campus (internal) or online (external).
• Study two majors or degrees at once, to broaden your qualifications and choice of careers by learning in two fields.
• Change your major, or pick up an extra major or minors along the way to suit your growing interests and career aspirations.
• Study at your own pace by doing a unit or two per semester, or study full-time to complete your course in the specified time frame.

To explore all Murdoch courses visit murdoch.edu.au/study

TEACHING

Murdoch Teaching courses are ideal for those who want to be innovative educators, empowering change and shaping our future generations to think for themselves.

SCIENCE

Murdoch science courses are ideal for those who wish to tackle some of the most significant social and scientific challenges of our time, from addressing food shortages, climate change and mental health epidemics, to influencing politics and government.

ENGINEERING

Murdoch Engineering courses are ideal for those who wish to make a real difference in the world, whether that is through developing practical solutions for everyday problems, or creating technologies to build and improve the environment around us.

HEALTH

Murdoch Health courses are ideal for those who wish to improve the mental and physical health and wellbeing of our society and the greater global community. Through combining pioneering science practices, with the power of creativity, you will learn new ways of improving patients’ lives both in and out of clinical environments.

BUSINESS AND LAW

Murdoch Business, Global Studies, Law and Criminology courses are ideal for those who dream of making the world a better place, whether that’s through smart business, political and legal decisions, or innovative measures to prevent crime.

TECHNOLOGY

Murdoch Technology courses are ideal for those who want to use innovation to forge new ways of thinking, working and living, and who want to power creative solutions and contribute to the economic and social well-being of our society.

SOCIAL AND CULTURAL STUDIES

Murdoch Social and Cultural Studies courses are ideal for those who want to make a difference and create positive change in the world. If you care about people and want to inspire others, Social and Cultural Studies is your chance to make an impact.

CREATIVE ARTS AND COMMUNICATION

Murdoch Creative Arts and Communication courses are ideal for those who want to use the power of creativity and storytelling to challenge the way we think about, look at and inform the world.
Why study Business and Law at Murdoch?

The intersect of business, government and the law is where ideas turn into action; it’s where change is made in our society. And you could be a part of driving this change. As a Murdoch free-thinker, you could champion sustainability agendas in the business world, join the entrepreneurial movement, sit at the table when political decisions are made, fight for human rights, defend social justice or find new ways to prevent crime.

As a Murdoch Business, Global Studies, Law or Criminology student, you will have the opportunity to:

• Undertake internships through our dedicated Work Integrated Learning program at some of Australia’s and Western Australia’s leading businesses, government agencies, city and shire offices, law firms and not for profit organisations.

• Participate in our unique MasterClass program, where you can complete an undergraduate and postgraduate qualification at the same time.

• Work on real cases with real clients in our nationally recognised clinical legal program.

• Take part in our well-established mooting program to participate in simulated court proceedings, as well as local and international mooting competitions.

• Intern at multinational corporations or law organisations in Germany, Singapore or Malaysia, or take part in an international human rights program in Geneva, Switzerland.

• Work with researchers from Murdoch and other universities around the world on cutting-edge projects through our Asia Research Centre.

• Study two majors or degrees at once to graduate with more career opportunities.

• Study units at our partner universities across the globe through our Study Abroad and Exchange program.

MAJOR | DURATION (YEARS) | SELECTION RANK* | TISC CODE | COURSE CODE | RECOMMENDED ATAR SUBJECTS
--- | --- | --- | --- | --- | ---
**BACHELOR OF BUSINESS**
Accounting | 3 | 70 | MUBUS B1367 | B1367 | Mathematics Applications
Banking | 3 | 70 | MUBUS B1367 | B1367 | Mathematics Applications
Business Law | 3 | 70 | MUBL B1367 | B1367 | 
Finance | 3 | 70 | MUBUS B1367 | B1367 | Mathematics Applications
Hospitality and Tourism Management | 3 | 70 | MUBUS B1367 | B1367 | 
Human Resources Management | 3 | 70 | MUBUS B1367 | B1367 | 
International Business | 3 | 70 | MUBUS B1367 | B1367 | 
Management | 3 | 70 | MUBUS B1367 | B1367 | 
Marketing | 3 | 70 | MUBUS B1367 | B1367 | 
**BACHELOR OF COMMERCE**
Accounting | 3 | 70 | MUCMC B1359 | B1359 | 
Banking | 3 | 70 | MUCMC B1359 | B1359 | 
Business Law | 3 | 70 | MUCMC B1359 | B1359 | 
Finance | 3 | 70 | MUCMC B1359 | B1359 | 
Global Business and Politics | 3 | 70 | MUCMC B1359 | B1359 | 
Hospitality and Tourism Management | 3 | 70 | MUCMC B1359 | B1359 | 
Human Resources Management | 3 | 70 | MUCMC B1359 | B1359 | 
International Business | 3 | 70 | MUCMC B1359 | B1359 | 
Management | 3 | 70 | MUCMC B1359 | B1359 | 
Marketing | 3 | 70 | MUCMC B1359 | B1359 | 
**BACHELOR OF INTERNATIONAL BUSINESS**
International Business | 3 | 70 | MUBLB B1350 | B1350 | 
**COMBINED DEGREES**
Bachelor of Business + Bachelor of Laws | 5 | 90 | MULBB B1359 | B1359 | 
Bachelor of Commerce + Bachelor of Entrepreneurship and Innovation | 4 | 70 | MUCII B1364 | B1364 | 
Bachelor of Commerce + Bachelor of Laws | 5 | 90 | MULBC B1371 | B1371 | 
Bachelor of International Business + Bachelor of Laws | 5 | 90 | MUBLB B1372 | B1372 | 
**BACHELOR OF ARTS**
Global Politics and Policy | 3 | 70 | MUAIP B1356 | B1356 | 
International Aid and Development | 3 | 70 | MUAAD B1356 | B1356 | 
Sustainable Development | 3 | 70 | MUSAU B1356 | B1356 | 
**BACHELOR OF GLOBAL SECURITY**
International Relations Studies | 3 | 70 | MUGSA B1363 | B1363 | 
**COMBINED DEGREES**
Bachelor of Arts + Bachelor of Laws | 5 | 90 | MULBA B1370 | B1370 | 
Bachelor of Global Security + Bachelor of Criminology | 4 | 70 | MUGCS B1366 | B1366 | 
Bachelor of Global Security + Bachelor of Laws | 5 | 90 | MULGS B1365 | B1365 |
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**Morgan Becker, Marketing + Finance graduate**

Morgan recently graduated from Murdoch with a degree in Marketing and Finance. She took advantage of every opportunity that came her way and even studied entrepreneurship in California, just south of Silicon Valley, through Murdoch’s exchange program.

“Studying abroad in California was awesome. I had great teachers and learnt a lot about the intricacies of getting a start-up business off the ground. One of the best parts was meeting incredible like-minded people from all over the world. We worked together to come up with new innovative business models, while being mentored every step of the way.”

Following her exchange, Morgan entered the Alpha Innovation Contest where she pitched her idea Mirror Mirror – an exclusively fashion related Instagram-style app. Morgan came second overall, winning $5,000.

“I was really blown away by the calibre of entries, and it made me feel proud to have been placed second! Being amongst some crazy technical innovations being pitched - I think my strength was in my business model and having a marketing and finance background from my Murdoch degrees helped me in this aspect. I currently have some investor interest and I will definitely pursue Mirror Mirror to see where that will take me.”

*Minimum Selection Rank required for consideration.
**Excluding Business Law major.
***Excluding Legal Studies major.
Creative Arts and Communication

Why study Creative Arts and Communication at Murdoch?

How you forge your path is up to you, but making a living in the creative industries requires more than just creativity itself. At Murdoch, you’ll develop an entrepreneurial attitude, client consultation skills, critical thinking and the ability to adapt—so you can action your ideas.

As a Murdoch Creative Arts and Communication student, you will have the opportunity to:

• Work with real clients on creative concepts at our student consultancy, MESH. Our students have worked with some of Australia’s and Western Australia’s leading not-for-profit organisations, business and government agencies.

• Undertake internships through our dedicated Work Integrated Learning program.

• Learn from industry experts who have worked on a wide range of film and television productions, gaming and animation, radio and news programming, and prominent communications campaigns, in Australia and abroad.

• Hone your craft in industry standard facilities, which include a sound stage, television and radio studio, newsroom, digital postproduction facilities, sound-mixing studios, professional video and editing suites, and a drama studio that is used by FRINGE WORLD.

• Perform and produce shows at our Nexus Theatre, a venue for some of WA’s best emerging talents.

• Travel to Indonesia to take part in a six-week program that involves learning Indonesian and taking an internship in the media or creative industries, or tour theatre and drama productions in South East Asia.

• Showcase your creative work through local, national and even global competitions. Our students have had their writing published and won film awards that have landed them jobs with global film and music producers.

• Study two majors or degrees at once to graduate with more career opportunities.

• Study units at our partner universities across the globe through our Study Abroad and Exchange program.

Cassandra Power, Theatre and Drama + Screen Production student

“Every area in theatre interested me, so choosing my course was easy. My second major is screen production, and I chose screen because I wanted to understand what goes on behind the film. Because I want to be a screen actor, I believe it is important to understand all aspects of your craft before you can do it justice. Murdoch offered courses on all aspects of theatre screen, with the option of industry experience. Because of Murdoch networking, I am involved with directors from The Blue Room Theatre and have been on multiple film shoots.

After I have completed this study, I am hoping to come back to Murdoch and complete a degree in Environmental Science. That way I can merge my degrees and make theatre that addresses environmental issues. I want my theatre to be informed and be the voice of science in a way that people can relate to.”

*rMinimum Selection Rank required for consideration.*
Creative Arts and Communication

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*Minimum Selection Rank required for consideration.
Why study Engineering at Murdoch?

Embark on a career that allows you to make a difference in the world. A degree in Engineering can lead you to solve problems in the mining industry, find new ways to control pollution in big cities or design new technology that can change lives. Our Engineering graduates are professional, practical and creative thinkers, guided by principles of social justice and sustainability.

As a Murdoch Engineering student, you will have the opportunity to:

- Develop your skills in our nationally renowned pilot plant, one of only a few in Australia and the only one of its kind in WA.
- Graduate with at least eight weeks of practical placement experience.
- Participate in industry competitions like the Unearthed Hackathon to showcase your engineering work.
- Join an Engineers Without Borders program, such as the Humanitarian Design Summit, where you can travel to a developing country to learn how you can use your engineering skills to create positive change within communities.
- Work with industry partners to contribute to solving real-world engineering issues.
- Apply for graduate membership with Engineers Australia, the Australian industry body for Engineering.
- Be surrounded by leaders in sustainable energy research and development. Through the Murdoch University Energy Research and Innovation Group, we have been leaders in the field for more than 20 years.
- Study units at our partner universities across the globe through our Study Abroad and Exchange program.
- Study two majors at once to graduate with more career opportunities.

Tom Wheeler, Environmental Engineering student

"Studying at Murdoch isn’t just theory based, you are provided with opportunities to have real life practical experiences that you can learn so much from. Recently I returned from a six-month internship in Indonesia, where I worked with a non-ministry renewable energy organisation to provide a sustainable source of water to some of the most vulnerable people in the world. I won the Australian Water Association West Australian Student Water Prize for this. I have also worked with Moerk Water Solutions in supplying water to the Indo/Pacific regions and am currently working for Josh Byrne & Associates, focusing on Water Sensitive Urban Design principles for the transition of Perth to a water sensitive city.

When I complete my studies, I hope to work both locally and internationally on sustainable water treatment operations. I would like to implement what I have learnt to help mitigate climate change and make a significant difference to some of the most vulnerable people in the world, by supplying them with a sustainable water supply."

Undergraduate Courses Mini Guide 2020
New treatments require new ways of thinking. That is why we offer evidence-based healthcare degrees that will encourage you to re-think the way our society approaches global health issues. You’ll combine the power of science and creativity to learn new ways of improving patients’ lives every day, both in and out of clinical environments.

As a Murdoch Health student, you will have the opportunity to:

• Undertake practical placements with our industry partners as part of your degree.
• Prepare for your practical placements by developing your nursing skills on life-like mannequins in high-tech simulation suites and in clinical teaching wards.
• Prepare for a career as a chiropractor by treating real patients in our on-campus clinic.
• Travel to Africa, Asia and the United Kingdom to complete nursing placements.
• Gain hands on experience in our $4-million sports science facility, complete with equipment that is fit for use by elite athletes.
• Gain skills and qualifications in coaching and officiating through our partnering sport bodies.
• Learn in the heart of Perth’s emerging health precinct. You’ll benefit from the strong partnerships we have with our neighbours, including the $200m Murdoch Health and Knowledge Precinct, Fiona Stanley and St John of God hospitals, the Institute for Immunology and Infectious Diseases, the Australian National Phenome Centre and the Centre for Comparative Genomics.
• Study units at our partner universities across the globe through our Study Abroad and Exchange program.

Why study Health at Murdoch?
Why study Science at Murdoch?

When you use science to drive discussions and new ways of thinking, you’ll be able to solve some of the world’s biggest challenges to make a real impact. Whether you want to help sick or injured people or animals, find new solutions to environmental issues, address food shortages or simply push the boundaries of what’s possible, a Murdoch degree in science can turn your scientific thinking into scientific breakthroughs.

As a Murdoch Science student, you will have the opportunity to:

• Learn at our on-campus farm, veterinary hospital, equine centre, and high-tech teaching surgery, as well as have the chance to study at our Tropical Marine Research Centre on the Ningaloo Reef.

• Undertake fieldwork in our on-campus ‘living laboratories’, which includes two conservation category wetlands and a banksia woodland, home to turtles, quendas, endangered Carnaby’s and other black cockatoos.

• Complete practical placements at organisations like Perth Zoo, Cat Haven and the WA Department of Agriculture and Food.

• Create new materials for the medical, engineering, energy and telecommunications sectors in our nanotechnology laboratories, using industry-standard equipment.

• Learn in the heart of Perth’s emerging health precinct. You’ll benefit from the strong partnerships we have with our neighbours, including the $200m Murdoch Health and Knowledge Precinct, Fiona Stanley and St John of God Hospitals, the Institute for Immunology and Infectious Diseases, and the Centre for Comparative Genomics.

• Travel to China to take part in the Future Chemist International Summer Camp or as part of our Study Tour unit to examine various aspects of the Chinese agricultural value chain.

• Study units at our partner universities across the globe through our Study Abroad and Exchange program.

• Study two majors or degrees at once to graduate with more career opportunities.

MAJOR DURATION (YEARS) SELECTION RANK* TISC CODE COURSE CODE RECOMMENDED ATAR SUBJECTS

**BACHELOR OF SCIENCE**

Biological Science 3 70 MUSBS B1317 Chemistry, Mathematics Applications

Conservation and Wildlife Biology 3 70 MUSCW B1317 Chemistry, Mathematics Applications

Environmental Management and Sustainability 3 70 MUSEM B1317 Chemistry, Mathematics Applications

Environmental Science 3 70 MUSES B1317 Chemistry, Mathematics Applications

Marine Biology 3 70 MUSBM B1317 Chemistry, Mathematics Applications

Marine Science 3 70 MUSMS B1317 Chemistry, Mathematics Applications

**ENVIRONMENTAL AND CONSERVATION SCIENCES**

**BACHELOR OF SCIENCE**

Biomedical Science 3 70 MUSBM B1317 Biology or Human Biology, Chemistry, Mathematics Methods, Physics

Clinical Laboratory Science 3 70 MUSCL B1317 Biology or Human Biology, Chemistry, Mathematics Applications

Forensic Biology and Toxicology 3 70 MUSFB B1317 Chemistry, Mathematics Applications

Genetics and Molecular Biology 3 70 MUSMB B1317 Biology or Human Biology, Chemistry, Mathematics Applications

*Minimum Selection Rank required for consideration.
## Science

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<td>B1317</td>
<td>Chemistry, Mathematics Methods, Mathematics Specialist</td>
</tr>
<tr>
<td>Physics and Nanotechnology</td>
<td>3</td>
<td>70</td>
<td>MUSPN</td>
<td>B1317</td>
<td>Mathematics Specialist, Physics</td>
</tr>
<tr>
<td><strong>VETERINARY AND AGRICULTURAL SCIENCES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BACHELOR OF SCIENCE</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Animal Health</td>
<td>3</td>
<td>70</td>
<td>MUSAH</td>
<td>B1317</td>
<td>Biology, Chemistry, Mathematics Methods</td>
</tr>
<tr>
<td>Animal Science</td>
<td>3</td>
<td>70</td>
<td>MUSAS</td>
<td>B1317</td>
<td>Biology, Chemistry, Mathematics Methods</td>
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<tr>
<td>Crop and Pasture Science</td>
<td>3</td>
<td>70</td>
<td>MUSPC</td>
<td>B1317</td>
<td>Chemistry, Mathematics Applications</td>
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<tr>
<td>BACHELOR OF SCIENCE + DOCTOR OF VETERINARY MEDICINE</td>
<td></td>
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</tr>
<tr>
<td>Veterinary Science</td>
<td>5</td>
<td>98**</td>
<td>MUSVB (SL) MUSVV (NSL)</td>
<td>B1310</td>
<td>Biology, Chemistry, Mathematics Methods, Physics</td>
</tr>
<tr>
<td><strong>COMBINED DEGREES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Science + Bachelor of Laboratory Medicine</td>
<td>4</td>
<td>70</td>
<td>MUSLA</td>
<td>B1317</td>
<td>Biology or Human Biology, Chemistry, Mathematics Applications</td>
</tr>
<tr>
<td>Bachelor of Science + Bachelor of Laws</td>
<td>5</td>
<td>90</td>
<td>MULBS</td>
<td>B1324</td>
<td>See major for recommended subjects</td>
</tr>
<tr>
<td>Bachelor of Science (Forensic Biology and Toxicology) + Bachelor of Criminology</td>
<td>4</td>
<td>70</td>
<td>MUCBS</td>
<td>B1560</td>
<td>Chemistry, Mathematics Applications</td>
</tr>
</tbody>
</table>

SL = School Leavers  
NSL = Non School Leavers  
*Minimum selection rank required for consideration.  
**Minimum ATAR required for consideration.
Social and Cultural Studies

Why study Social and Cultural Studies at Murdoch?

With technology developing faster than ever, the skills required by industry are rapidly changing. However, business and government will always have a need for critical and creative thinkers, researchers and skilled writers. Studying Social and Cultural Studies at Murdoch will give you the skills, insights and knowledge to think deeply and create change in a meaningful way. If you care about people and want to inspire change in the world, Social and Cultural Studies is your chance to make a difference.

As a Murdoch Social and Cultural Studies student, you will have the opportunity to:

• Undertake internships through our dedicated Work Integrated Learning program, with community groups, non-government and not-for-profit agencies, or government agencies, on projects and campaigns designed to help generate positive change in people’s lives.
• Study units at our partner universities across the globe through our Study Abroad and Exchange program.
• Travel to Indonesia as part of the ACICS Study Indonesia program or complete a semester in Japan at one of our 10 partner universities.
• Take advantage of our strong links to Asia through our Asia Research Centre, an international leader in the study of East and Southeast Asia.
• Perform and produce shows at our on-campus Nexus Theatre, home to some of Western Australia’s best emerging talents.
• Study two majors or degrees at once to graduate with more career opportunities.

Lucy, Terrorism and Counterterrorism Studies + Criminology

During the third year of her degree, Lucy was selected as a New Colombo Plan scholarship recipient. The experience saw her spend two months in India, where she navigated her way through Mumbai’s slums and brothels on behalf of a NGO to help increase health awareness, education, alternative employment and empowerment.

Since joining the Murdoch community I have been amazed by how many practical learning experiences have been offered to me. In addition to my internship in Mumbai, I’ve been lucky enough to intern at the Evidence Based Policing Unit of the WA Police and I’ve been on exchange to the US where I explored the criminal justice system in a whole new context.

I spent six months at San Diego State University and I did work experience at various juvenile detention facilities across San Diego, including at East Mesa, a maximum security facility for boys and girls near the Mexican border. It was definitely a ‘light bulb moment’ when I was working with the kids in prison. I realised I really enjoy working with them and it’s something I’m passionate about, particularly vulnerable kids who are incarcerated or in detention centres.

Murdoch’s the place where you get that community vibe and you’re not just a number. It’s really important because I wouldn’t have been able to do the things I’ve done without this level of support and flexibility.

*Minimum Selection Rank required for consideration.

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Why study Teaching at Murdoch?

Whether you want to inspire others through teaching, be an innovative educator, empower change or shape our future generations to think for themselves, an Education degree from Murdoch can turn your passion for teaching into a career.

You will have the opportunity to:
• Study one of Western Australia’s most established teaching degrees. We have been helping our students become confident, skilled and resilient teachers since 1975.
• Learn using SimLab™, an innovative technology that simulates real-life classroom situations, so you feel ready to tackle your practical placements. We were the first university in Australia to offer a simulated teaching experience to our Education students.
• Experience teaching placements in metropolitan, regional, rural and remote schools, as well as international schools in Singapore, Thailand or China.
• Travel to India on a volunteer placement to support physical education classes, coach sports teams and run activities for children with special needs.
• Take part in our nationally recognised one-year internship program, the longest sustainable internship program in Western Australia.
• Gain accredited coaching qualifications alongside your degree.
• Build a personalised online portfolio to showcase your experience to prospective employers.

Jayde Greig, Early Childhood and Primary Teaching graduate

As part of her studies, Jayde travelled to Kunming, China, to experience a teaching placement at Beanstalk International Bilingual School.

“My teaching practicum turned out to be one of the best experiences of my life. The teaching staff at the school went over and above to make us all feel welcome. It was a surreal experience implementing play-based learning in early childhood, while at the same time having a teacher translating in Chinese. Through this experience I formed professional networks with teachers which enabled me to return to China for a further two months. I will forever be grateful to the New Colombo Plan and Murdoch University for granting me this incredible opportunity.”

**Minimum Selection Rank required for consideration.**
Why study Technology at Murdoch?

When you use technology to power creative solutions, you’ll be able to make a real difference to the economic and social wellbeing of our society. As a Murdoch University student, you’ll explore how thinking differently about technology can spark new ideas, create conversations and ultimately change the way we live.

As a Murdoch Technology student, you will have the opportunity to:

- **Take project-based units, where you’ll work in a team and consult with real clients to recommend, develop and implement new technologies that solve business problems.**
- **Undertake internships through our dedicated Work Integrated Learning program.**
- **Choose your major at the end of your first year, so you can explore all the fields of IT before you specialise.**
- **Participate in national competitions like the Hackathon or Cyber Security Challenge Australia.**
- **Take units that will prepare you for industry certification exams.**
- **Study courses that have been developed in conjunction with an industry advisory panel, with representatives from some of WA’s biggest energy companies and banks, government departments and internet service providers.**
- **Study two majors or degrees at once to graduate with more career opportunities.**
- **Learn in our new IT Innovation Hub, fitted out with the latest virtual reality equipment, industrial technologies and a visible data centre.**
- **Study units at our partner universities across the globe through our Study Abroad and Exchange program.**
- **Participate in the Westpac Young Technologists Scholarship Program.**

**RANKED #1**

**IN AUSTRALIA FOR**

- Teaching Quality
- Skills Development
- Learner Engagement

**FOR COMPUTING AND INFORMATION SYSTEMS**

The Good Universities Guide 2019

**5-STAR RATING FOR OVERALL QUALITY OF EDUCATIONAL EXPERIENCE**

For Computing and Information Systems

The Good Universities Guide 2019

**IT COURSES ACCREDITED BY THE AUSTRALIAN COMPUTER SOCIETY**

**TAKE ON REAL-WORLD CLIENTS WITH PROJECT-BASED UNITS**

**1 OF 5 AUSTRALIAN UNIVERSITIES TO PARTNER WITH THE WESTPAC BICENTENNIAL FOUNDATION IN ITS WESTPAC YOUNG TECHNOLOGISTS SCHOLARSHIP PROGRAM**

**SPEICIFICALLY DESIGNED IT MAJORS THAT COVER ALL ASPECTS OF THE IT INDUSTRY**

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### Technology Courses

<table>
<thead>
<tr>
<th>Major</th>
<th>Duration (Years)</th>
<th>Selection Rank*</th>
<th>TISC Code</th>
<th>Course Code</th>
<th>Recommended ATAR Subjects</th>
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</thead>
<tbody>
<tr>
<td>Business Information Systems</td>
<td>3</td>
<td>70</td>
<td>MUSIS</td>
<td>B138</td>
<td>Mathematics Applications</td>
</tr>
<tr>
<td>Computer Science</td>
<td>3</td>
<td>70</td>
<td>MUSCS</td>
<td>B138</td>
<td>Mathematics Applications</td>
</tr>
<tr>
<td>Cyber Security and Forensics</td>
<td>3</td>
<td>70</td>
<td>MUSF</td>
<td>B138</td>
<td>Mathematics Applications</td>
</tr>
<tr>
<td>Games Software Design and Production</td>
<td>3</td>
<td>70</td>
<td>MUSIG</td>
<td>B138</td>
<td>Mathematics Applications</td>
</tr>
<tr>
<td>Games Technology</td>
<td>3</td>
<td>70</td>
<td>MUSGT</td>
<td>B138</td>
<td>Mathematics Applications</td>
</tr>
<tr>
<td>Internetworking and Network Security</td>
<td>3</td>
<td>70</td>
<td>MUSWA</td>
<td>B138</td>
<td>Mathematics Applications</td>
</tr>
<tr>
<td>Mobile and Web Application Development</td>
<td>3</td>
<td>70</td>
<td>MUSIN</td>
<td>B138</td>
<td>Mathematics Applications</td>
</tr>
<tr>
<td>Engineering Technology</td>
<td>3</td>
<td>70</td>
<td>MUSET</td>
<td>B138</td>
<td>Mathematics Methods, Mathematics Specialist, Physics</td>
</tr>
<tr>
<td>Physics and Nanotechnology</td>
<td>3</td>
<td>70</td>
<td>MUSPN</td>
<td>B138</td>
<td>Mathematics Specialist, Physics</td>
</tr>
</tbody>
</table>

### Combined Degrees

- Bachelor of Science + Bachelor of Laws | 5 | 90 | MULBS | B1324 |

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### Ashlea Silcock, Business Information Systems student

“At the beginning of my studies I never would have imagined that I would pursue a career in technology. Realising that the world we live in is constantly shaped by technology resonated with me to the point of chasing a degree in a field I knew nothing about. It was terrifying, exciting and the best decision I have ever made.

The fact that I can take my studies in Australia and move around the world with these skills is invaluable. I plan to use my studies to help with the current problems faced by digital disruption. As technology is changing the world we work and operate in, I hope to be a part of the solution to ensure that organisations flourish with technology rather than be hindered by it.

Early in 2019, I started a graduate program with Ernst & Young. After interning with this organisation over the summer, I am excited to have joined their technology team full-time.”

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*Minimum Selection Rank required for consideration.*

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Pathways to Murdoch University

There are a number of admission pathways into an undergraduate degree at Murdoch that take into account your previous education, training and experience.

At undergraduate courses have an essential minimum English proficiency requirement, with Law, Nursing, Veterinary Science and Education courses having higher minimum requirements. You can demonstrate English proficiency by:

- Achieving a scaled mark of 50 or higher in ATAR English, Literature or English as an Additional Language or Dialect (EALD).
- Sitting an English proficiency test, such as the Special Tertiary Admissions Test (STAT), TISC or IELTS.

- Sitting an English proficiency test, such as the Special Tertiary Admissions Test (STAT), TISC or IELTS.

To find out the specific requirements for your course visit murdoch.edu.au/courses

Applicants with recent secondary education

Are you completing high school this year or have you completed high school in the last two years?

Our entry requirements for those who completed secondary education are a WA Certificate of Education, a pass in an ATAR English subject and a selection rank of at least 70, with some courses requiring a higher selection rank. But if you didn’t achieve a pass in English or a selection rank high enough for your course, or you didn’t study an ATAR pathway at all, don’t worry – there are still ways to study at Murdoch.

Selection rank pathway

With the exception of Nursing and Veterinary Science, undergraduate courses at Murdoch have an admission pathway based on a minimum selection rank required for consideration. Your selection rank will include your ATAR plus any eligible Murdoch RISE. Selection rank adjustments.

Selection rank adjustments

- Murdoch RISE

Murdoch RISE is a selection rank adjustment aimed at supporting access to university for students from regional, low socio-economic, or Aboriginal or Torres Strait Islander backgrounds. It can help you get into your preferred course by increasing your Murdoch selection rank by 10 points, up to a maximum of 90.

To be eligible for Murdoch RISE, you must have completed secondary education in Western Australia with an ATAR between 60 and 89.95 inclusive, and you must have achieved a scaled score of 50+ in ATAR English. You must also satisfy one of the following conditions:

- Achieved your ATAR at a high school on our RISE list: murdoch.edu.au/RISEschools
- Have a permanent home address when completing Year 12 at a postcode on our RISE postcodes list: murdoch.edu.au/RISEpostcodes

Other admission options

Creative Portfolio

Our Creative Portfolio entry allows you to submit a portfolio of work to gain entry into a number of Bachelor of Arts, Creative Media and Communication majors, including English and Creative Writing, Games Art and Design, Graphic Design, Journalism, Photography, Screen Production, Sound, Strategic Communication, and Theatre and Drama.

To be eligible for this admission option, you’ll also need to have achieved a scaled score of 50+ in ATAR English, or have successfully completed the written component of the STAT, with a score of 140 or higher.

Law Start

If you have excelled at school in one or more ATAR subject, with a strong focus on essay writing and communication skills, you could apply for the Bachelor of Laws by using this pathway. You will need to demonstrate your aptitude to study Law by participating in a workshop and completing a written assessment.

Extenuating circumstances

We understand that your pathway to university may not be a smooth one. If your education has been compromised by genuine hardship, which has meant you’ve missed out on qualifying for an undergraduate course, we’ll take your circumstances into account.

International Baccalaureate (IB)

To qualify for your chosen degree, you will need to achieve English Language Competency and the minimum IB score required for your course. At Murdoch, most courses require an IB English score of 3 or more in Higher Level or 4 or more in Standard Level. The minimum IB score for a majority of courses is 24. However, a score of 27 is required for Engineering and 33 for Law. Veterinary Science does not have a guaranteed IB score for entry as there are limited places available. The minimum IB score that would be considered is 38.

Interstate study

If you have completed secondary education outside of Western Australia, you still need to meet the same entry requirements as Western Australian students. ATARs are equivalent from every state except Queensland. Applicants from Queensland can have their Overall Position (OP) converted to an ATAR.

Enabling courses

We offer a range of enabling courses that will help you develop the skills you need to study at university level. Read more on page 31.

murdoch.edu.au/study | 1300 687 3624 Undergraduate Courses Mini Guide 2020
For most of our undergraduate courses, if you have successfully completed at least two units at an Australian university or one year of study at another recognised tertiary or higher education provider you will meet the entry requirements to apply for admission.

Please note, some of our courses have specific entry requirements for applicants with higher education.

To find out more about our admission pathways visit murdoch.edu.au/admissionpathways

For many of our undergraduate courses, if you have successfully completed a Certificate IV or higher VET qualification and can demonstrate English competency, you are eligible to apply for admission. This excludes direct entry into Law and Veterinary Science.

For entry into Engineering, your VET qualification must be at diploma level or higher.

If you don’t have a Certificate IV or higher, you can explore our range of enabling courses on page 31.

Have you completed a vocational education and training course?

For most of our undergraduate courses, if you have successfully completed at least two units at an Australian university or one year of study at another recognised tertiary or higher education provider you will meet the entry requirements to apply for admission.

Please note, some of our courses have specific entry requirements for applicants with higher education.

To find out more about our admission pathways visit murdoch.edu.au/admissionpathways

Have you previously commenced or completed study at a higher education provider?
If you are passionate about a field of study and feel you have relevant work and life experience, then the Murdoch Mature Age Pathway (MAP) is for you. This pathway involves an interview and an assessment of your work and life experience, and will qualify you to study most Murdoch courses with a selection rank of 70.

Enabling courses

We offer a range of enabling courses that will help you develop the skills you need to study at university level. Upon successful completion, you will be qualified to study most courses at Murdoch with a selection rank of 70.

Our enabling courses include:

- **OnTrack**
  A 14-week course offered at our Perth, Mandurah and Rockingham campuses, for students who do not qualify for direct entry.

- **OnTrack Sprint**
  A four-week course offered at our Perth campus for students who received:
  - a selection rank between 60-69.95 and passed an ATAR English subject, within the last 18 months, or
  - a selection rank of 70+ and a scaled score of 45-49 in ATAR English, within the last 18 months.

- **Pre-Law**
  A night course designed for mature age applicants who do not meet the entry requirements for our Bachelor of Laws. If you complete this course at credit level (at least a 60% average), you will be offered direct entry into the Bachelor of Laws.

- **MUPC**
  A foundation-level course combining the essentials of Years 11 and 12, studied through Murdoch Institute of Technology.

- **OnTrack**
  A 14-week course offered at our Perth, Mandurah and Rockingham campuses, for students who do not qualify for direct entry.

- **K-Track**
  A 14-week on-campus course for Indigenous students who do not qualify for direct entry.

- **TLC110 Learning for Tomorrow**
  A free course, available at our Mandurah and Rockingham campuses, where Year 12 students attend one class a week from February to September while completing their WACE. Students need to pass this course, achieve a scaled score of 50+ in ATAR English or a grade of ‘C’ or better in General English, and achieve their Western Australian Certificate of Education.

- **FlexiTrack**
  An online course for students who do not qualify for direct entry. This course can be studied intensively over 10 weeks, full-time over 20 weeks, or part-time over 12 months.

- **For more information on our enabling courses visit murdoch.edu.au/Enablingcourses

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murdoch.edu.au/study | 1300 687 3624

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Choose the course you would like to study. Explore all Murdoch courses at murdoch.edu.au/courses.

Don’t forget to take note of the TISC code and course code—you will need one of these codes for your application.

Check the entry requirements for your course and find out if you’re eligible for direct entry or if you will need to apply through another pathway.

Find out the entry requirements for your course at murdoch.edu.au/courses.

Find out about Murdoch admission pathways at murdoch.edu.au/admissionpathways.

Explore all Murdoch scholarships and find out what you may be eligible for at goto.murdoch.edu.au/scholarships.

Applying for Semester 1 commencing in February.

Applying for Semester 2 commencing in July.

Applying for Semester 1 commencing in February or Applying for Semester 2 commencing in July.

Applying for Semester 1 commencing in February or Applying for Semester 2 commencing in July.

High School Leavers

Non-High School Leavers

Apply at tisc.edu.au

Applications through TISC open in August and are due at the end of September. If you apply after the due date, you will incur a late fee, so make sure your application is in before the deadline.

Apply at myadmission.murdoch.edu.au

For most courses, applications close during the second week of semester.

Expecting an 80+ ATAR?

Be rewarded with the Murdoch First Scholarship of up to $3,000*!

We’ve created a unique scholarship for Year 12s to help you get started at uni. If you select Murdoch as your first preference in TISC and achieve an unadjusted ATAR of 80 or higher, you could be eligible for the Murdoch First Scholarship.

Find out more at murdoch.edu.au/murdochfirst

*Terms and conditions apply.