

Bachelor of Science

Course Admission Information



Murdoch
UNIVERSITY

COURSE CODE	COURSE NAME	MAJORS
BI317	Bachelor of Science	Animal Health, Animal Science, Biological Sciences, Biomedical Sciences, Business Information Systems, Chemistry, Clinical Laboratory Science, Computer Science, Conservation and Wildlife Biology, Crop and Pasture Science, Cyber Security and Forensics, Engineering Technology, Environmental Management and Sustainability, Environmental Science, Forensic Biology and Toxicology, Games Software Design and Production, Games Technology, Genetics and Molecular Biology, Internetworking and Network Security, Marine Biology, Marine Science, Mathematics and Statistics, Mobile and Web Application Development, Physics and Nanotechnology
BI337	Bachelor of Science/Bachelor of Laboratory Medicine	

Murdoch is a truly international, research-led university full of free-thinking students from a range of backgrounds. Murdoch offers flexible study programs and entry pathways to provide our diverse student population the greatest chance to succeed.

Whether you're still at high school or your school days were a while ago, there are several admission pathways into your chosen course. Course admissions pathways and application requirements have not changed recently so the information in this document simply supplements admission requirement information available on our website.

Accreditations and/or endorsement by professional bodies

Animal Health/Animal Science: Eligible for professional membership with [Australian Institute of Agricultural Science and Technology \(AIAST\)](#).

Business Information Systems/Computer Science/Cyber Security and Forensics/Games Software Design and Production/Games Technology/Internetworking and Network Security/Mobile and Web Application Development: Eligible for membership at the professional level with the [Australian Computer Society \(ACS\)](#).

Chemistry: If you study the right combination of units, you'll be eligible for membership of the professional organisation for chemists and the [Royal Australian Chemical Institute \(RACI\)](#).

Conservation and Wildlife Biology: Eligible to seek membership of the [Ecological Society of Australia](#).

Laboratory Medicine: Murdoch University will be applying for professional course accreditation by the Australian Institute of Medical Scientists (AIMS) during 2018.

Marine Biology: Eligible for membership with the [Australian Marine Sciences Association](#).

Physics and Nanotechnology: This degree has been accredited by the Australian Institute of Physics. When you graduate, you can apply to the Academic Chair to become a member of the [Australian Institute of Physics](#) and the Institute of Physics in the UK.

Work based learning, internships and work placements available

Crop and Pasture Science: 8 weeks of industry placements

Laboratory Medicine: Practical industry placements within clinical pathology laboratories.

Admission pathway options

To help understand admission pathway options and the entry requirements for the Bachelor of Science course relevant to you, information has been grouped into the following sections:

- **Essential requirements;** information for all applicants
- **Recent secondary education;** information for applicants who have completed secondary education within the past two years
- **Higher education;** information for applicants who have successfully completed higher education units or courses including bridging or enabling courses

- **Vocational education and training;** information for applicants who have successfully completed VET courses
- **Work and life experience;** information for applicants who either completed secondary education more than two years ago or applicants who wish to use their work and life experience to demonstrate suitability for admission

Admission criteria

General admission information applies to this course and is available within our [Murdoch Admission Information](#).

Essential requirements

Animal Health/Animal Science/Biomedical Science/Marine Biology/Marine Science: These courses require students to participate in practical work involving living and dead animals and/or tissues from animals throughout the course.

Clinical Science Laboratory/Forensic Biology and Toxicology: Students will be required to work with fresh tissues from dead animals in certain units. Students will also be exposed to graphic images of homicidal injuries and to human cadavers.

Applicants with recent secondary education

Have you completed secondary education within the past two years? The following information will help you choose the most suitable admission pathway.

ATAR-based admission

You can choose to apply using your ATAR if you achieve the minimum Selection Rank required to be considered for admission.

- **Lowest ATAR to which an offer was made in Semester 1 2019: 60.10**
- **Lowest Selection Rank to which an offer was made in Semester 1 2019: 70.00**
- **Minimum Selection Rank required for consideration: 70.00**

Selection Rank adjustments

Some applicants are eligible for Murdoch RISE adjustment factors to increase their Murdoch Selection Rank. Full Murdoch RISE details are available within [Murdoch Admission Information](#).

Murdoch RISE

Murdoch RISE is intended to provide an adjustment factor to increase the Murdoch University Selection Rank for eligible students to support access to university for students from Regional, Indigenous and low Socio-Economic backgrounds.

If you achieved an ATAR of 60.00 - 89.95 a Murdoch RISE adjustment factor of up to 10.00 points may help you get into your preferred course. A Murdoch RISE adjustment factor can increase your Selection Rank up to a maximum of 90.00. There's no application or need to register. If you are eligible, the adjustment factor is automatically added to your raw ATAR score when you apply.

ATAR profile

The ATAR profile of the course provides an indication of the range of applicants given offers in the last relevant admission period.

The data is presented in a following table, showing raw ATAR data without adjustment factors alongside Selection Rank data. This highlights the impact of the Murdoch RISE program.

Extenuating circumstances

Murdoch University will consider applications from prospective students whose education has been compromised due to [genuine hardship](#), resulting in them falling short of entry requirements for an undergraduate course.

The hardship must be evidenced, and each application is reviewed by an Extenuating Circumstances committee in the weeks leading up to course offers being released.

As well as the hardship being evidenced, applicants must demonstrate they are ready (via school reports, professional references) and willing to succeed at tertiary studies.

Applicants with higher education

Have you passed at least two tertiary level units at an Australian University? Or have you successfully completed an enabling or bridging course at an Australian University in the past two years? You can apply for admission via our pathway for applicants with prior higher education. This pathway is detailed within our [Murdoch Admission Information](#).

Completed bridging or enabling course

Murdoch offers a number of enabling courses to assist prospective students who do not currently meet any admission pathway requirements. Applicants who complete one of the following enabling course are able to apply direct to Murdoch for admission into many of our courses include our Bachelor of Science courses (majors listed). Please see the list and description of enabling courses below.

Applicants with vocational education and training (VET)

Have you completed a Certificate IV or higher VET qualification? You can apply for admission via our pathway for applicants with a VET qualification. This pathway is detailed within our [Murdoch Admission Information](#).

Applicants with work and life experience

Have you completed secondary education more than two years ago or is your secondary education incomplete? Murdoch has a number of admission pathways available with different requirements for you to consider. These are:

- **ATAR/selection rank**
- **Special Tertiary Admissions Test (STAT)**
- **Mature Age Pathway (MAP)**
- **Completion of an enabling course**

ATAR-based admission

You can choose to apply using your ATAR if you achieve the minimum Selection Rank required to be considered for admission.

- **Lowest ATAR to which an offer was made in Semester 1 2019: 60.10**
- **Lowest Selection Rank to which an offer was made in Semester 1 2019: 70.00**
- **Minimum Selection Rank required for consideration: 70.00**

Selection Rank adjustments

Some applicants are eligible for Murdoch RISE adjustment factors to increase their Murdoch Selection Rank. Full details are available within our [Murdoch Admission Information](#).

Special Tertiary Admissions Test (STAT)

The STAT is a nationally-recognised test which assesses your abilities for learning at university. It focuses on critical thinking and reasoning skills rather than specific knowledge.

For entry into most of our Science courses (as listed above), you'll need to achieve a STAT score of at least 140 in the Written English section and 135 in the Multiple Choice section for tests taken after February 2010. If you took the test before February 2010, you need a minimum score of 145 in both the Written English and Multiple Choice sections.

To book a STAT visit the [TISC](#) website.

Mature Age Pathway (MAP)

If you do not have the academic requirements to be admitted to a course but are passionate about a field of study and feel you have relevant work and life experience then the Murdoch MAP is for you.

MAP involves an interview and a portfolio submission to be assessed by the Academic Chair of the course. Applicants must also meet the [English Language Competency](#) requirements for the course. MAP is not available for Veterinary Science. For more information about MAP email domesticadmissions@murdoch.edu.au.

Enabling courses

Murdoch also has a number of enabling courses to assist prospective students who do not currently meet any admission pathway entry requirements. Enabling courses are valid for two years from completion.

Murdoch Institute of Technology (MIT)

MIT offers a University Preparation Course that is ideal for students. For further information please visit [Murdoch Institute of Technology](#).

OnTrack

OnTrack is a free 14-week, on-campus enabling program and admission pathway. For further information please visit [Murdoch OnTrack](#).

OnTrack Sprint

OnTrack Sprint is a free four week, on-campus enabling program and admission pathway. You are eligible for entry to OnTrack Sprint if you have completed your WACE in the last 18 months, generated an ATAR between 60.00-69.95 (or an ATAR of 55.00-59.95 if you are from a school eligible for ATAR RISE) and have demonstrated English competency. For further information please visit [Murdoch OnTrack Sprint](#)

FlexiTrack

Flexitrack is a free online university enabling course and admission pathway that you can study intensively over 10 weeks, full-time over 20 weeks, or part-time over 12 months. For further information please visit [Murdoch FlexiTrack](#).

Kulbardi Aboriginal Centre

Kulbardi provides entry pathways for Indigenous people who haven't received an ATAR or completed Year 12. For further information please visit [Kulbardi](#).

TLC110 Learning for Tomorrow

This is a free course where students must attend TLC110 classes once a week, February through to September, while completing their WACE.

You will be eligible to apply direct to Murdoch University if you:

1. Pass TLC110 (this includes meeting attendance requirements)
2. Achieve a scaled score of 50+ in ATAR English or a grade of 'C' or better in General English
3. Achieve your Western Australian Certificate of Education

For further information please visit [TLC110 Learning for Tomorrow](#).

International students

Entry pathways for international students at: [International admission requirements](#).

Advanced standing

You may be entitled to credit for prior learning, whether formal or informal. Formal learning can include previous study in higher education, vocational education or adult and community education. Informal learning can include on the job learning or various kinds of work and life experience. Credit can reduce the amount of study needed to complete a degree. Further information can be found at [Advanced Standing](#).

How to apply

Applicants with recent secondary education can apply through TISC for Semester 1.

All other applicants can apply directly to Murdoch in Semester 1 and Semester 2.

Further information on applying through TISC and directly can be found [here](#).

ATAR Profile

This table provides an ATAR profile for those offered places wholly or partly on the basis of ATAR in Semester 1 2019 for the listed courses/majors in this document.

ATAR-based offers only; across all offer rounds	ATAR (Excluding adjustment factors)	Selection Rank
Highest rank to receive an offer	99.40	99.40
Median rank to receive an offer	79.20	84.55
Lowest rank to receive an offer	60.10	70.00

Student Profile

This table lists the likely peer cohort for new students at the institution for the courses/majors listed in this document. It provides data on students that commenced undergraduate study and passed the [census date](#) in the most relevant intake period.

Applicant background	Semester One 2019	
	Number of commencing students	Percentage of commencing students
(A) Higher education study (includes a bridging or enabling course)	208	25%
(B) Vocational education and training (VET) study	58	7%
(C) Recent secondary education; (C1) Admitted solely on the basis of ATAR (regardless of whether this includes the impact of adjustment factors such as equity or subject bonus points)	285	34%
(C) Recent secondary education; (C2) Admitted where both ATAR and additional criteria were considered (e.g. portfolio, audition, extra test, early offer conditional on minimum ATAR)	N/A	N/A
(C) Recent secondary education; (C3) Admitted on the basis of other criteria only and ATAR was not a factor (e.g. special consideration, audition alone, schools recommendation scheme with no minimum ATAR requirement)	46	6%
(D) Work and life experience (Admitted on the basis of previous achievement other than the above)	37	4%
International students	196	24%
All Students	830	100%

Notes:

N/A - Data not available for this item or not applicable for the relevant courses.



Where to get further information

[Meet Murdoch](#)

Current and Future Students

(8am - 8pm | Mon - Fri)
1300 687 3624

International Students

(8am - 8pm | Mon - Fri)
+61 8 9360 6063

[Accepting your offer](#)

[Course fees](#)

[Scholarships](#)

[Entry requirements](#)

[Course specific information](#)

[Murdoch Institute of Technology \(MIT\)](#)

[OnTrack](#)

[OnTrack Sprint](#)

[FlexiTrack](#)

[Kulbardi Aboriginal Centre](#)

[TISC website](#)

[TISC ATAR calculator website](#)

[Quality Indicators for Learning and Teaching \(QILT\) website](#)

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