Bachelor of Engineering

Course Admission Information

Murdoch University

COURSE CODE	COURSE NAME	MAJORS
H1264	Bachelor of Engineering (Honours)	Chemical and Metallurgical Engineering, Environmental Engineering, Electrical Power Engineering, Industrial Computer Systems Engineering, Instrumentation and Control Engineering, Renewable Energy Engineering

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

Graduates of accredited engineering courses are eligible for Graduate Membership of Engineers Australia. Full Chartered Professional Engineer status can then be achieved after a further three to five years of work experience in the engineering profession. Graduates may also be eligible for professional membership of the Australasian Institute of Mining and Metallurgy (AusIMM).

Work based learning, internships and work placements available

All students will undertake at least 500 hours of approved work experience.

Admission pathway options

To help understand admission pathway options and the entry requirements for the Bachelor of Engineering (Honours), 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

All applicants must satisfy Murdoch's English Language requirements.

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: 70.55**
- **Lowest Selection Rank to which an offer was made in Semester 1 2019: 80.55**
- **Minimum Selection Rank required for consideration: 80.00**

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 our 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 or greater a Murdoch RISE adjustment factor of up to 10.00 points may help you get into your preferred course. 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 completed at least four tertiary level units at an Australian University? You can apply for admission via our pathway for applicants with prior higher education. This pathway is detailed within our Murdoch Admission Information.

Applicants with vocational education and training (VET)

Have you completed a Diploma 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)**
- **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: 70.55**
- **Lowest Selection Rank to which an offer was made in Semester 1 2019: 80.55**
- **Minimum Selection Rank required for consideration: 80.00**

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 the Bachelor of Engineering, you'll need to achieve a STAT score of at least 160 in the Written English section and 145 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 160 in both the Written English and Multiple Choice sections.

To book a STAT visit the TISC website.

Enabling courses

Murdoch also has an enabling courses to assist prospective students who do not currently meet admission pathway 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.

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 2018 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	97.05	97.05
Median rank to receive an offer	81.78	85.33
Lowest rank to receive an offer	70.55	80.55

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)	10	20%
(B) Vocational education and training (VET) study	L/N	L/N
(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)	16	32%
(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)**	L/N	L/N
(D) Work and life experience (Admitted on the basis of previous achievement other than the above)	L/N	L/N
International students	18	36%
All Students	50	100%

Notes:
N/A - Data not available for this item or not applicable for the relevant courses.
L/N - Low numbers: the number of students is <5.
N/P - Not published: number hidden to prevent calculation of numbers in cells with <5 students

Where to get further information

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

murdoch.edu.au