

UNIVERSITY ADMISSION 2017

Admission Requirements
for School Leavers



TISC

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Ensure that you access the TISC website (www.tisc.edu.au) regularly
to check for any updates.

CONTENTS

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*2017 Admission Requirements for
School Leavers,*
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Abbreviations	1
Foreword	1
Disclaimer	1
University Application Procedures	2
Requirements for University Admission	2
1. Western Australian Certificate of Education (WACE)	2
2. Competence in English	2
3. The Australian Tertiary Admission Rank	3
4. Prerequisites	5
Course Prerequisites	6
Curtin University	6-10
Edith Cowan University	11-13
Murdoch University	14-16
The University of Western Australia	17-20
Addresses	21

ABBREVIATIONS

The following abbreviations have been used in this brochure:

AQF	Australian Qualifications Framework	RTO	Registered Training Organisation
ATAR	Australian Tertiary Admission Rank	TEA	Tertiary Entrance Aggregate
EALD	English as an Additional Language/Dialect	TISC	Tertiary Institutions Service Centre
ECU	Edith Cowan University	UWA	The University of Western Australia
IELTS	International English Language Testing System	WACE	Western Australian Certificate of Education
LOTE	Language Other Than English		

FOREWORD

The following information is issued on behalf of the four Western Australian public universities. Its aim is to help Year 10 students to decide on their senior school courses, so that they meet university admission requirements. Remember to choose courses which will allow entry to a wide range of university courses.

This information is correct as at 23 March 2015 and is based on information provided by the participating universities and information relating to changes in senior secondary schooling in Western Australia, available from the School Curriculum and Standards Authority (SCSA) at the time of publication.

References to ATAR courses apply to courses offered in Year 12 in 2016. References to WACE courses apply to stage 2 or stage 3 of courses offered in Year 12 prior to 2016.

This brochure applies to students who will be under 20 years of age on 28 February 2017 (ie those born on or after 1 March 1997). It is relevant only for admission in 2017 and is subject to change without notice.

STEVE HOATH

TISC Executive Officer

PARTICIPATING UNIVERSITIES

Curtin University	Murdoch University
Edith Cowan University	The University of Western Australia

DISCLAIMER

The universities reserve the right to change the content and/or method of presentation and/or the method of assessment of any unit of study, to withdraw any unit of study or program which they offer, to impose limitations on enrolment in any unit or program, and/or vary arrangements for any program. Enquiries regarding university admission requirements should be directed to the individual university(ies) concerned.

TISC and the participating universities cannot accept liability for any incorrect advice received from sources other than TISC, the universities or the universities' officially appointed agents.

UNIVERSITY APPLICATION PROCEDURES

Information about applying to the universities and admission to undergraduate courses will be sent to Year 12 students at their schools in August 2016. Application will be via TISC's website.

The closing date for applications without incurring a late fee is normally the last working day in September. Offers of admission are made by the universities in the second half of January and in early February.

Any further information about application procedures may be obtained from TISC. Enquiries about mid-year entry, external studies, postgraduate studies, timetables and particular course requirements should be directed to the university concerned.

You need to apply for admission through TISC if you:

- are an Australian citizen,
- are a New Zealand citizen,
- have been approved/granted Australian permanent resident status.

If you are not one of the above, you are an international student and you need to apply direct to the International Centre at the relevant university.

REQUIREMENTS FOR UNIVERSITY ADMISSION

To be considered for university admission as a school leaver applicant, normally you must -

1. meet the requirements for the **Western Australian Certificate of Education (WACE)** prescribed by the School Curriculum and Standards Authority, and
2. achieve **competence in English** as prescribed by the individual universities, and
3. obtain a sufficiently high **ATAR/Selection Rank** for entry to a particular course, and
4. satisfy any prerequisites or special requirements for entry to particular courses.

PORTFOLIO ENTRY PATHWAY TO ECU

Edith Cowan University offers an additional pathway for entry by school leaver students. To be considered for admission by Portfolio Entry Pathway, school leavers must meet WACE, English competency requirements, satisfy any prerequisites or special requirements for entry to particular courses and have studied a minimum of four courses in Year 12. Applications will be partially assessed prior to release of final results and applicants may be required to attend an interview.

Detailed information about the requirements for the Portfolio Entry Pathway to ECU may be obtained from Student Recruitment on 134 328 or www.reachyourpotential.com.au.

MEDIA AND CREATIVE PORTFOLIO ENTRY TO MURDOCH UNIVERSITY

In addition to the requirements outlined above, Murdoch University offers a portfolio pathway for admission to the Bachelor of Arts degrees in Communication and Media Studies, English and Creative Writing, Games Art and Design, Graphic Design, Journalism, Photography, Public Relations, Radio, Screen Production, Sound, Theatre and Drama, and Web Communication. Students must satisfy Murdoch's English requirement, as outlined below, and should apply through TISC but submit their portfolios directly to the Student Centre at Murdoch University. Portfolios will be assessed by academic staff in the relevant discipline. For more information see www.murdoch.edu.au.

ADMISSION OF STUDENTS FROM NON-STANDARD SCHOOLS

Normally all school leaver applicants for university are required to meet the admission requirements outlined in this brochure. You may not meet these admission requirements if you are attending a school that does not follow the standard Western Australian school system. If so, apply for admission to a university course through TISC, but include with your application a statement giving full details of your upper secondary school studies. Your application will be considered on an individual basis. The WACE, awarded by the School Curriculum and Standards Authority, is not required by any of the universities for students from non-standard schools.

SCHOOL LEAVERS WITH AQF/TAFE/RTO QUALIFICATIONS

Curtin University

Curtin University will expect school leaver age applicants who seek entry via this pathway to have, as a minimum:

- successfully completed an AQF/TAFE Certificate IV; and
- achieved WACE; and
- met Curtin University's competence in English requirement; and
- met course prerequisite requirements.

Edith Cowan University

ECU will expect school leaver age applicants who seek entry via this pathway to have, as a minimum:

- successfully completed an ECU approved AQF/RTO Certificate IV as part of their Year 12 studies; and
- achieved WACE; and
- met Edith Cowan University's competence in English requirement; and met course prerequisite requirements.

Students may apply direct to ECU using the Portfolio Entry Pathway.

Murdoch University

Murdoch University will accept an AQF/TAFE Certificate IV as a basis for admission to most courses; however, school leavers using a Certificate IV achieved during their Years 11 and 12 must also have:

- achieved WACE; and
- met Murdoch's competence in English requirement.

The University of Western Australia

The University of Western Australia will accept an AQF/TAFE qualification at Diploma level as a basis of admission for a limited number of courses; however, school leavers using a diploma achieved during their Years 11 and 12 must also have:

- achieved WACE; and
- met UWA's competence in English requirement; and
- met course prerequisite requirements.

Selection is based on academic merit and entry via this route is very competitive.

1. WESTERN AUSTRALIAN CERTIFICATE OF EDUCATION (WACE)

You must satisfy the requirements of the WACE to enter all four universities, unless you are an applicant from a non-standard WA school. You can obtain detailed information about the WACE from the School Curriculum and Standards Authority, Mason Bird Building, Level 2, 303 Sevenoaks Street, Cannington 6107, phone (08) 9273 6300, www.scsa.wa.edu.au.

2. COMPETENCE IN ENGLISH

For university admission purposes, usually you demonstrate competence in English by achieving the prescribed standard in one of the courses: English ATAR, Literature ATAR or English as an Additional Language/Dialect (EALD) ATAR.

You can meet the competence in English requirement with Year 12 results obtained in any calendar year.

English as an Additional Language/Dialect ATAR can only be taken by students who meet eligibility criteria set by the School Curriculum and Standards Authority. If English as an Additional Language/Dialect ATAR is not available at your school, you should take English ATAR course and also contact the universities for details about alternative acceptable English tests.

ENGLISH ATAR; LITERATURE ATAR; ENGLISH AS AN ADDITIONAL LANGUAGE/DIALECT ATAR

Curtin University

Murdoch University

The University of Western Australia

You must achieve a scaled score of at least 50.

Edith Cowan University

You must achieve

- a scaled score of at least 50 **or**
- a letter grade of A, B or C in units 3 and 4 studied in Year 12.

If you have not met the above requirements for the university(ies) of your choice but you have

- achieved an ATAR above the minimum specified annually by the university(ies), **and**
- achieved a scaled score less than 50 in English ATAR, Literature ATAR or English as an Additional Language/Dialect ATAR,

then you may demonstrate your competence in English by sitting the Special Tertiary Admissions Test (STAT) or another test of English approved by the university(ies) early in January.

3. THE AUSTRALIAN TERTIARY ADMISSION RANK (ATAR)

The Australian Tertiary Admission Rank is the basis of admission to most university courses. You are ranked in order of merit based on your ATAR.

The ATAR ranges between zero and 99.95. It reports your rank relative to all other WA students of Year 12 school leaving age and takes into account the number of students with a Tertiary Entrance Aggregate (TEA) as well as the number of people of Year 12 school leaving age in the population of this state. An ATAR of 75.00 indicates that you have an overall rating equal to or better than 75% of the Year 12 school leaving age population in Western Australia.

The ATAR is calculated using scaled scores in courses.

SCALING

All course results will be scaled to ensure fairness to all students. A scaled score for an ATAR course can only be calculated if a student sits the WACE examination for that course. The Average Marks Scaling process is used to scale marks obtained in a course.

COURSES WHICH ARE USED TO FORM THE ATAR

NOTE: From 2016, there are two groups of courses: ATAR and General courses. Only ATAR courses can be included in the ATAR, and students must have sat the external examination to obtain a scaled score.

ATAR Courses

Aboriginal and Intercultural Studies ATAR

Accounting and Finance ATAR

Ancient History ATAR

Animal Production Systems ATAR

Applied Information Technology ATAR

Arabic ATAR*

Aviation ATAR

Biology ATAR

Business Management and Enterprise ATAR

Career and Enterprise ATAR

Chemistry ATAR

Children, Family and the Community ATAR

Chinese: Background Language ATAR*

Chinese: First Language ATAR*

Chinese: Second Language ATAR*

Computer Science ATAR

Dance ATAR

Design ATAR

CALCULATION OF THE TEA

The ATAR is derived from the Tertiary Entrance Aggregate (TEA).

The TEA will be calculated by adding a student's best four scaled scores plus 10% of that student's best LOTE scaled score, based on the following rules:

- Courses which can be used in the ATAR are listed below.
- For all universities you may accumulate scaled scores which contribute to your ATAR over **five** consecutive years, with no subject or course counting more than once. You may use previous scaled scores back to 2012.
- No more than two mathematics scaled scores can be used in the calculation of an ATAR.
- There are unacceptable course combinations whereby scores in both courses cannot both be used (see explanation under *Unacceptable Course Combinations* below).
- A LOTE bonus of 10% of a LOTE scaled score is added to the aggregate of the best four scaled scores, subject to no LOTE scaled score earlier than 2012 being used. If more than one LOTE has been sat, only one (the best) LOTE scaled score can be used as the LOTE bonus. You receive the LOTE bonus irrespective of whether your LOTE course scaled score was counted as one of the best four.
- In calculating the scaled score, equal weight is given to the final school mark and the final examination mark, except where courses/subjects are taken on a private basis (see explanation under *Courses Studied on a Private Basis* below).
- Scaled scores from previous study of WACE courses are on the same scale as scaled scores obtained from study in 2016 and will be used directly in the calculation of an ATAR, if applicable.
- The maximum TEA is 410.

TEA TO ATAR

TISC will construct a table to convert your TEA to an ATAR. The table takes into account the number of students with a TEA and the number of people of Year 12 school leaving age in the state. This table is constructed annually.

PRIOR YEAR ATAR

If you have an ATAR from a previous year, you will be given the benefit of the higher of your previous ATAR and your current ATAR. If you have not previously satisfied the WACE requirement or a university's competence in English requirement, you must satisfy current requirements.

Integrated Science ATAR	Modern Greek ATAR*
Italian: Background Language ATAR*	Modern History ATAR
Italian: Second Language ATAR*	Music ATAR
Japanese: Background Language ATAR*	Outdoor Education ATAR
Japanese: First Language ATAR*	Philosophy and Ethics ATAR
Japanese: Second Language ATAR*	Physical Education Studies ATAR
Korean: Background Speakers ATAR*	Physics ATAR
Literature ATAR	Plant Production Systems ATAR
Malay: Background Speakers ATAR*	Polish ATAR*
Marine and Maritime Studies ATAR	Politics and Law ATAR
Materials Design and Technology ATAR	Psychology ATAR
Mathematics: Applications ATAR	Religion and Life ATAR
Mathematics: Methods ATAR	Spanish ATAR*
Mathematics: Specialist ATAR	Vietnamese ATAR*
Media Production and Analysis ATAR	Visual Arts ATAR

NOTE:

1. **Subject also to unacceptable combinations below, no more than two mathematics scaled scores can be used in the calculation of an ATAR.**
2. There may be some additional interstate language courses* and examinations available in WA in 2016, which may be counted in the ATAR. Contact the School Curriculum and Standards Authority for details of availability.
3. * indicates a Language Other Than English (LOTE) course.

UNACCEPTABLE COURSE COMBINATIONS – ATAR COURSES

You cannot use the following course combinations in calculating your ATAR. It may be possible to take both courses but the result in only one may be used to calculate your ATAR.

Chemistry ATAR **with** Integrated Science ATAR
 Physics ATAR **with** Integrated Science ATAR
 English ATAR **with** English as an Additional Language/Dialect ATAR
 English ATAR **with** Literature ATAR
 English as an Additional Language/Dialect ATAR **with** Literature ATAR

Chinese: Background Language ATAR **with** Chinese: Second Language ATAR
 Chinese: Background Language ATAR **with** Chinese: First Language ATAR
 Chinese: Second Language ATAR **with** Chinese: First Language ATAR
 French: Background Language ATAR **with** French: Second Language ATAR
 German: Background Language ATAR **with** German: Second Language ATAR
 Indonesian: Background Language ATAR **with** Indonesian: First Language ATAR
 Indonesian: Background Language ATAR **with** Indonesian: Second Language ATAR
 Indonesian: First Language ATAR **with** Indonesian: Second Language ATAR
 Indonesian: Background Language ATAR **with** Malay: Background Speakers ATAR
 Indonesian: First Language ATAR **with** Malay: Background Speakers ATAR
 Indonesian: Second Language ATAR **with** Malay: Background Speakers ATAR
 Italian: Background Language ATAR with Italian: Second Language ATAR
 Japanese: Background Language ATAR with Japanese: First Language ATAR
 Japanese: Background Language ATAR with Japanese: Second Language ATAR
 Japanese: Second Language ATAR with Japanese: First Language ATAR

UNACCEPTABLE COURSE COMBINATIONS – INCLUDING COURSES 2012-2015

If you have results from past study in WACE courses, you cannot use the following combinations in calculating your ATAR. If you are repeating Year 12 studies, you may have results from both courses but the results in only one may be used to calculate your ATAR. Results from study prior to 2012 cannot be used in the ATAR.

Where ATAR courses have replaced WACE courses, the ATAR and the corresponding previous WACE course cannot both count. For example, English ATAR and WACE English cannot both count; Chemistry ATAR and WACE Chemistry etc.

In addition:

Biology ATAR **with** WACE Biological Sciences
 Chemistry ATAR **with** WACE Integrated Science
 English ATAR **with** WACE English as an Additional Language/Dialect
 English ATAR **with** WACE Literature
 English as an Additional Language/Dialect ATAR **with** WACE English

English as an Additional Language/Dialect ATAR **with** WACE Literature

Human Biology ATAR **with** WACE Human Biological Sciences

Human Biology ATAR **with** WACE Biological Sciences

Literature ATAR **with** WACE English

Literature ATAR **with** WACE English as an Additional Language/Dialect

Mathematics: Applications ATAR **with** WACE Mathematics

Mathematics: Methods ATAR **with** WACE Mathematics

Mathematics: Specialist ATAR **with** WACE Mathematics: Specialist

Physics ATAR **with** WACE Integrated Science

WACE Biological Sciences **with** WACE Human Biological Science

WACE Chemistry **with** WACE Integrated Science

WACE English **with** WACE English as an Additional Language/Dialect

WACE English **with** WACE Literature

WACE English as an Additional Language/Dialect **with** WACE Literature

WACE Physics **with** WACE Integrated Science

Chinese: Background Language ATAR **with** any WACE Chinese course

Chinese: First Language ATAR **with** any WACE Chinese course

Chinese: Second Language ATAR **with** any WACE Chinese course

French: Background Language ATAR **with** WACE French

French: Second Language ATAR **with** WACE French

German: Background Language ATAR **with** WACE German

German: Second Language ATAR **with** WACE German

Indonesian: Background Language ATAR **with** any WACE Indonesian course or WACE Malay: Background Speakers

Indonesian: First Language ATAR **with** any WACE Indonesian course or WACE Malay: Background Speakers

Indonesian: Second Language ATAR **with** any WACE Indonesian course or WACE Malay: Background Speakers

Italian: Background Language ATAR **with** WACE Italian

Italian: Second Language ATAR **with** WACE Italian

Japanese: Background Language ATAR **with** any WACE Japanese course

Japanese: First Language ATAR **with** any WACE Japanese course

Japanese: Second Language ATAR **with** any WACE Japanese course

WACE Chinese: Background Speakers **with** WACE Chinese: Second Language

WACE Chinese: Background Speakers **with** WACE Heritage Chinese Mandarin

WACE Chinese: Second Language **with** WACE Heritage Chinese Mandarin

WACE Indonesian: Background Speakers **with** WACE Indonesian: Second Language

WACE Indonesian: Background Speakers **with** WACE Malay: Background Speakers

WACE Japanese: Background Speakers **with** WACE Heritage Japanese

WACE Japanese: Background Speakers **with** WACE Japanese: Second Language

WACE Japanese: Second Language **with** WACE Heritage Japanese

WACE Korean First Language **with** WACE Heritage Korean

WACE Malay: Background Speakers **with** WACE Indonesian: Second Language

COURSES STUDIED ON A PRIVATE BASIS

You may use results in courses sat privately in the calculation of your ATAR. Your scaled score in courses you sit privately will be based on your course examination mark only.

The School Curriculum and Standards Authority (SCSA) administers private candidature. SCSA places restrictions on school leaver students sitting ATAR courses as private candidates. If you wish to sit WACE courses on a private basis contact SCSA, Mason Bird Building, Level 2, 303 Sevenoaks Street, Cannington 6107, phone (08) 9273 6300, www.scsa.wa.edu.au for advice. SCSA has a deadline for enrolling as a private candidate.

You will not be able to use results from courses sat privately to meet the WACE requirement.

SELECTION RANKS

For most courses, 2016 Year 12 students will be selected for admission to university in 2017 on the basis of their ATAR. However, some universities assign students who are eligible for alternative entry pathways a Selection Rank that is higher than their ATAR. For these students, selection into courses at the university concerned is based on this enhanced Selection Rank.

Eligibility for the entry pathways is based on specified criteria. TISC advises students of their eligibility at the time of the Year 12 results/ATAR release in late December, via the Universities Admission Advice Letter (UAAL). The appropriate Selection Rank is automatically applied for offer rounds. For further details about alternative entry pathways for 2017 contact the university concerned during 2016.

4. PREREQUISITES

Make sure that you satisfy the prerequisites for admission to the university course of your choice. Prerequisites are courses or special requirements that must be successfully completed for entry to particular university courses.

Generally a scaled score of 50 or more in an ATAR course is required for prerequisites purposes. See individual university course entries which follow for details.

Prerequisites may be satisfied by results from the current year or previous four years. For results prior to 2016, a scaled score of 50 or more from stage 3 of the specified WACE course is required, except that a scaled score of 50 or more in WACE Mathematics 2C/2D may be acceptable for some university courses.

Murdoch University does not require applicants to have undertaken specific prerequisite courses and instead provides introductory units to enable its students to become skilled in specific areas in which they may be lacking.

For some university courses the special requirements may include bridging/special course units, interviews, auditions, folio presentations, manual dexterity tests, aptitude tests, fitness requirements, etc. Detailed information is available from the individual universities.

COURSE PREREQUISITES

The following list outlines the prerequisite and recommended courses for entry to university courses in 2017. Additional requirements are also outlined.

CURTIN UNIVERSITY

The following list outlines the prerequisite and recommended ATAR courses for entry to Curtin courses in 2017. Additional non-Year 12 requirements are also outlined. To satisfy the prerequisite requirements, a scaled score of 50 or more in the ATAR course(s) specified is required, unless otherwise specified. Note that where 'at least Mathematics: Applications ATAR' is specified as a prerequisite, Mathematics: Methods ATAR also satisfies the requirement.

For results earlier than 2016, scaled scores in WACE courses, other than where Mathematics 2C/2D is specified, must be at stage 3. A scaled score of 50 is required in WACE courses.

NOTE: High achieving students may be considered for Curtin courses without initially meeting prerequisite requirements, however preparatory units/courses may be required to be completed and this will extend the degree, or delay entry into the degree course, by at least one semester.

¹ Applicants may be considered without some of these courses. Contact the individual Curtin School.

² Biology ATAR, Chemistry ATAR, Earth and Environmental Science ATAR, Human Biology ATAR, Integrated Science ATAR, Physics ATAR, Psychology ATAR or Biological Sciences 3A/3B, Chemistry 3A/3B, Earth and Environmental Science 3A/3B, Human Biological Science 3A/3B, Integrated Science 3A/3B, Physics 3A/3B or Psychology 3A/3B satisfies this requirement.

³ Accreditation by the Institution of Actuaries requires applicants to have a minimum ATAR/Selection Rank of 92.00.

⁴ Animal Production Systems ATAR, Applied Information Technology ATAR, Biology ATAR, Chemistry ATAR, Computer Science ATAR, Earth and Environmental Science ATAR, Engineering Studies ATAR, Human Biology ATAR, Integrated Science ATAR, Marine and Maritime Studies ATAR, Physics ATAR, Plant Production Systems ATAR, Psychology ATAR or Animal Production Systems 3A/3B, Applied Information Technology 3A/3B, Biological Sciences 3A/3B, Chemistry 3A/3B, Computer Science 3A/3B, Earth and Environmental Science 3A/3B, Engineering Studies 3A/3B, Human Biological Science 3A/3B, Integrated Science 3A/3B, Marine and Maritime Studies 3A/3B, Physics 3A/3B, Plant Production Systems 3A/3B or Psychology 3A/3B satisfies this requirement.

⁵ Mathematics 2C/2D satisfies this requirement

⁶ Mathematics 3C/3D satisfies this requirement

⁷ Mathematics: Specialist 3C/3D satisfies this requirement

COURSE	PREREQUISITES	DESIRABLE
Actuarial Science (BSc)	Mathematics: Methods ATAR ⁶ and ATAR/Selection Rank of 92.00 or equivalent ³	Mathematics: Specialist ATAR ⁷
Agribusiness (BAgribus) <ul style="list-style-type: none"> Agriculture Viticulture and Oenology 	Mathematics: Applications ATAR ⁵ and one science course ⁴	At least one of the following courses: Chemistry ATAR, Biology ATAR, Plant Production Systems ATAR or Animal Production Systems ATAR
Anthropology and Sociology (BA)	No prior study in a particular course is required	
Applied Geology (BSc)	At least Mathematics: Applications ATAR ⁵	
Applied Geology/Environmental Biology (BSc/BSc)	At least Mathematics: Applications ATAR ⁵ and one science course ⁴	
Applied Geology/Finance (BSc/BCom)	At least Mathematics: Applications ATAR ⁵	
Applied Geology/Geophysics (BSc/BSc)	Mathematics: Methods ATAR ^{1,6} and Physics ATAR ¹	Mathematics: Specialist ATAR ⁷
Architectural Science (BAppSc)	No prior study in a particular course is required	
Arts/Commerce (BA/BCom)	No prior study in a particular course is required	At least Mathematics: Applications ATAR ⁵
Business Administration (BBA)	No prior study in a particular course is required	At least Mathematics: Applications ATAR ⁵
Chemical Engineering/Chemistry (BEng/BSc)	At least three of the following courses: Mathematics: Methods ATAR ⁶ , Mathematics: Specialist ATAR ⁷ , Physics ATAR and Chemistry ATAR	Engineering Studies ATAR
Chemical Engineering/Extractive Metallurgy (BEng/BSc)	At least three of the following courses: Mathematics: Methods ATAR ⁶ , Mathematics: Specialist ATAR ⁷ , Physics ATAR and Chemistry ATAR	Engineering Studies ATAR
Chinese (BA)	No prior study in a particular course is required	

COURSE	PREREQUISITES	DESIRABLE
Civil and Construction Engineering/Mining (BEng/BSc)	At least three of the following courses: Mathematics: Methods ATAR ⁶ , Mathematics: Specialist ATAR ⁷ , Physics ATAR and Chemistry ATAR	Engineering Studies ATAR
Commerce (BCom)	No prior study in a particular course is required	At least Mathematics: Applications ATAR ⁵
Commerce (BCom) - Online	No prior study in a particular course is required	At least Mathematics: Applications ATAR ⁵
Computer Systems and Networking (BTech)	At least Mathematics: Applications ATAR ⁵	Mathematics: Methods ATAR ⁶ or Mathematics: Specialist ATAR ⁷
Computer Systems Engineering/Computer Science (BEng/BSc)	At least three of the following courses: Mathematics: Methods ATAR ⁶ , Mathematics: Specialist ATAR ⁷ , Physics ATAR and Chemistry ATAR	Engineering Studies ATAR
Construction Management (BAppSc)	Mathematics: Applications ATAR ⁵	Mathematics: Methods ATAR ⁶ or Mathematics: Specialist ATAR ⁷
Creative Advertising and Graphic Design (BA)	No prior study in a particular course is required	
Creative Writing (BA)	No prior study in a particular course is required	
Digital Design (BA)	No prior study in a particular course is required	
Education - Early Childhood Education (BEEd)	No prior study in a particular course is required	
Education - Primary Education (BEEd)	No prior study in a particular course is required	At least Mathematics: Applications ATAR ⁵
Education – Secondary Education (BEEd)	Course appropriate to teaching area	For teaching Mathematics: Mathematics: Methods ATAR ⁶ and/or Mathematics: Specialist ATAR ⁷
Enabling Course in Science, Engineering and Health	No prior study in a particular course is required. Selection is based on the assessment of a completed e-profile. Applicants must be over the compulsory school age as defined by the WA School Education Act 1999 in the year of commencement of the course.	
Electronic and Communication Engineering/Computer Science (BEng/BSc)	At least three of the following courses: Mathematics: Methods ATAR ⁶ , Mathematics: Specialist ATAR ⁷ , Physics ATAR and Chemistry ATAR	Engineering Studies ATAR
Engineering (BEng(Hons)) <ul style="list-style-type: none"> • Chemical • Civil and Construction • Computer Systems • Electrical Power • Electronic and Communication • Mechanical • Mechatronic • Petroleum • Metallurgical • Mining 	At least three of the following courses: Mathematics: Methods ATAR ⁶ , Mathematics: Specialist ATAR ⁷ , Physics ATAR and Chemistry ATAR	Engineering Studies ATAR
Engineering/Commerce - 5.5 years (BEng/BCom) <ul style="list-style-type: none"> • Chemical • Civil and Construction • Electrical Power • Mechanical • Metallurgical • Mining 	At least three of the following courses: Mathematics: Methods ATAR ⁶ , Mathematics: Specialist ATAR ⁷ , Physics ATAR and Chemistry ATAR	Engineering Studies ATAR
Exercise, Sports and Rehabilitation Science (BSc)	No prior study in a particular course is required	
Fashion (BA)	No prior study in a particular course is required	

COURSE	PREREQUISITES	DESIRABLE
Fine Art (BA)	No prior study in a particular course is required	
Food Science and Technology (BSc)	No prior study in a particular course is required	Mathematics: Methods ATAR ⁶ and Chemistry ATAR or Integrated Science ATAR
Geographic Information Science/Applied Geology (BSc/BSc)	At least Mathematics: Applications ATAR ^{1, 5}	Mathematics: Methods ATAR ⁶
Geography (BA)	No prior study in a particular course is required	
Health Information Management (BSc)	No prior study in a particular course is required	At least one science course ²
Health Promotion (BSc)	No prior study in a particular course is required	At least one science course ²
Health Promotion/Health and Safety (BSc/BSc)	No prior study in a particular course is required	At least one science course ²
Health Promotion/Nutrition (BSc)	Chemistry ATAR	At least Mathematics: Applications ATAR ⁵
Health, Safety and Environment (BSc)	No prior study in a particular course is required	One science course ² and at least Mathematics: Applications ATAR ⁵
Health Sciences (BSc)	No prior study in a particular course is required	At least one science course ²
History (BA)	No prior study in a particular course is required	
Human Biology Preclinical (BSc)	No prior study in a particular course is required	At least Chemistry ATAR and Mathematics: Methods ATAR ⁶ ; and Human Biology ATAR or Biology ATAR
Interior Architecture (BA)	No prior study in a particular course is required	
International Relations (BA)	No prior study in a particular course is required	
Internet Communications (BA)	No prior study in a particular course is required	
Japanese (BA)	No prior study in a particular course is required	
Journalism (BA)	No prior study in a particular course is required	
Laboratory Medicine (BSc)	No prior study in a particular course is required	At least Mathematics: Applications ATAR ⁵ , Chemistry ATAR, and Human Biology ATAR or Biology ATAR
Law (LLB)	No prior study in a particular course is required	
Law/Arts (LLB/BA)	No prior study in a particular course is required	
Law/Commerce (LLB/BCom)	No prior study in a particular course is required	Mathematics: Applications ATAR ⁵
Librarianship and Corporate Information Management (BA)	No prior study in a particular course is required	
Literary and Cultural Studies (BA)	No prior study in a particular course is required	
Mass Communication (BA)	No prior study in a particular course is required	
Medical Imaging Science (BSc)	Physics ATAR and Mathematics: Methods ATAR ⁶	Mathematics: Specialist ATAR ⁷
Midwifery (BSc)	No prior study in a particular course is required	Human Biology ATAR and Integrated Science ATAR
Molecular Genetics and Biotechnology (BSc)	No prior study in a particular subject is required	At least Chemistry ATAR and Mathematics: Methods ATAR ⁶ ; and Human Biology ATAR or Biology ATAR
Nursing (General) (BSc)	No prior study in a particular course is required	Human Biology ATAR and Integrated Science ATAR
Nutrition (BSc)	Chemistry ATAR	At least Mathematics: Applications ATAR ⁵
Occupational Therapy (BSc)	At least one science course ²	
Oral Health Therapy (BSc)	No prior study in a particular course is required	Human Biology ATAR or Biology ATAR

COURSE	PREREQUISITES	DESIRABLE
Paramedicine (BSc)	A conditional letter of employment from St. Johns Ambulance as a student paramedic. No prior study in a particular subject is required. Applicants are required to meet University academic and English language entry standards. To be successful in the St John Ambulance recruitment process you will need to meet academic, personal and physical requirements and have at least three years life experience after finishing school.	One science course ²
Performance Studies (BA)	No prior study in a particular course is required	
Pharmacy (BPharm)	Chemistry ATAR and Mathematics: Methods ATAR ⁶	
Photography and Illustration Design (BA)	No prior study in a particular course is required	
Physics/Electronic and Communication Engineering (BSc/BEng)	At least three of the following courses: Mathematics: Methods ATAR ⁶ , Mathematics: Specialist ATAR ⁷ , Physics ATAR and Chemistry ATAR	Engineering Studies ATAR
Physiotherapy (BSc)	At least one science course ²	
Professional Writing and Publishing (BA)	No prior study in a particular course is required	
Psychology (BPsych)	No prior study in a particular course is required	At least Mathematics: Applications ATAR ⁵
Psychology and Human Resource Management (BSc(Psych/HRM))	No prior study in a particular course is required	At least Mathematics: Applications ATAR ⁵
Science (BSc) <ul style="list-style-type: none"> Chemistry Coastal and Marine Science Computing Environmental Biology Environmental Science Extractive Metallurgy Geophysics Geographic Information Science Mathematics Mining Mining and Engineering Surveying Multidisciplinary Science Physics 	<p>Chemistry: Mathematics: Methods ATAR⁶ and Chemistry ATAR</p> <p>Coastal and Marine Science: Mathematics: Applications ATAR⁵ and at least one science course⁴</p> <p>Computing: Mathematics: Applications ATAR⁵</p> <p>Environmental Biology: Mathematics: Applications ATAR⁵ and at least one science course⁴</p> <p>Environmental Science: Mathematics: Methods ATAR⁶ and Chemistry ATAR</p> <p>Extractive Metallurgy: Mathematics: Methods ATAR⁵ and Chemistry ATAR or Physics ATAR</p> <p>Geophysics: Mathematics: Methods ATAR⁶ and Physics ATAR</p> <p>Geographic Information Science: Mathematics: Applications ATAR⁵</p> <p>Mathematics: Mathematics: Methods ATAR⁶</p> <p>Mining: Mathematics: Methods ATAR⁶ and Chemistry ATAR or Physics ATAR</p> <p>Mining and Engineering Surveying: Mathematics: Applications ATAR⁵</p> <p>Multidisciplinary Science: Mathematics: Applications ATAR⁵ and at least one science course⁴</p> <p>Physics: Mathematics: Methods ATAR⁶ and Physics ATAR</p>	<p>Chemistry: Mathematics: Specialist ATAR⁷ and Physics ATAR</p> <p>Computing, Extractive Metallurgy, Geographic Information Science, Mathematics: Mathematics: Specialist ATAR⁷</p> <p>Physics: Mathematics: Specialist ATAR⁷ and Chemistry ATAR</p>

COURSE	PREREQUISITES	DESIRABLE
Science / Arts (BSc/BA) Science <ul style="list-style-type: none"> • Chemistry • Coastal and Marine Science • Environmental Biology • Mathematics • Physics Arts <ul style="list-style-type: none"> • Anthropology and Sociology • Geography • International Relations • Japanese • Internet Communications • Professional Writing and Publishing 	Chemistry: Mathematics: Methods ATAR ⁶ and Chemistry ATAR Coastal and Marine Science: Mathematics: Applications ATAR ⁵ and at least one science course ⁴ Environmental Biology: Mathematics: Applications ATAR ⁵ and at least one science course ⁴ Mathematics: Mathematics: Methods ATAR ⁶ Physics: Mathematics: Methods ATAR ⁶ and Physics ATAR No prior study in a particular course is required	Chemistry: Mathematics: Specialist ATAR ⁷ and Physics ATAR Mathematics: Mathematics: Specialist ATAR ⁷ Physics: Mathematics: Specialist ATAR ⁷ and Chemistry ATAR
Science / Commerce (BSc/BCom) Science <ul style="list-style-type: none"> • Chemistry • Coastal and Marine Science • Environmental Biology • Mathematics • Physics Commerce <ul style="list-style-type: none"> • Economics • Entrepreneurship • Finance 	Chemistry: Mathematics: Methods ATAR ⁶ and Chemistry ATAR Coastal and Marine Science: Mathematics: Applications ATAR ⁵ and at least one science course ⁴ Environmental Biology: Mathematics: Applications ATAR ⁵ and at least one science course ⁴ Mathematics: Mathematics: Methods ATAR ⁶ Physics: Mathematics: Methods ATAR ⁶ and Physics ATAR No prior study in a particular course is required	Chemistry: Mathematics: Specialist ATAR ⁷ and Physics ATAR Mathematics: Mathematics: Specialist ATAR ⁷ Physics: Mathematics: Specialist ATAR ⁷ and Chemistry ATAR
Screen Arts (BA)	No prior study in a particular course is required	
Social Work (BSW)	No prior study in a particular course is required	
Speech Pathology (BSc)	At least one science course ²	At least Mathematics: Applications ATAR ⁵
Surveying (BSurv)	At least Mathematics: Applications ATAR ⁵	Mathematics: Methods ATAR ⁶
3D Design (BA)	No prior study in a particular course is required	
UniReady Enabling Program	No prior study in a particular course is required. Applicants must be over the compulsory school age as defined by the WA School Education Act 1999 in the year of commencement of the course.	
Urban & Regional Planning (BA)	No prior study in a particular course is required	
Visualisation Technologies (BA)	No prior study in a particular course is required	

EDITH COWAN UNIVERSITY

The following are the prerequisites which apply for entry to ECU courses (or specific major(s) within a course) for which applications are submitted through TISC. For all other courses no prerequisites apply. A minimum scaled score of 50 is normally required for prerequisite ATAR courses. For results from earlier than 2016, scaled scores in WACE courses must be at stage 3.

¹ Biology ATAR, Chemistry ATAR, Computer Science ATAR, Earth and Environmental Science ATAR, Human Biology ATAR, Integrated Science ATAR or Physics ATAR or Biological Sciences 3A/3B, Chemistry 3A/3B, Computer Science 3A/3B, Earth and Environmental Science 3A/3B, Human Biological Science 3A/3B, Integrated Science 3A/3B or Physics 3A/3B satisfies this requirement.

² Mathematics 3A/3B satisfies this requirement

³ Mathematics 3C/3D satisfies this requirement

⁴ Mathematics: Specialist 3A/3B satisfies this requirement

⁵ Mathematics: Specialist 3C/3D satisfies this requirement

Course	Prerequisites	Desirable
Arts	Applicants must satisfy the prerequisites for specific major(s) as noted below	
Contemporary Fashion & Textiles	Interview and folio of works and separate application to ECU	
French (Post-ATAR)	French: Second Language ATAR or French: Background Language ATAR or equivalent language skills	
Japanese (Post-ATAR)	Japanese: Second Language ATAR or Japanese: Background Language ATAR or equivalent language skills	
Visual Arts	Interview and folio of works and separate application to ECU	
Visual Arts Studio	Interview and folio of works and separate application to ECU	
Arts / Business (Double Degree)	Applicants must satisfy the prerequisites for specific major(s) as noted below	
Contemporary Fashion & Textiles	Interview and folio of works and separate application to ECU	
French (Post-ATAR)	French: Second Language ATAR or French: Background Language ATAR or equivalent language skills	
Japanese (Post-ATAR)	Japanese: Second Language ATAR or Japanese: Background Language ATAR or equivalent language skills	
Visual Arts	Interview and folio of works and separate application to ECU	
Arts / Communications (Double Degree)	Applicants must satisfy the prerequisites for specific major(s) as noted below	
Contemporary Fashion & Textiles	Interview and folio of works and separate application to ECU	
French (Post-ATAR)	French: Second Language ATAR or French: Background Language ATAR or equivalent language skills	
Japanese (Post-ATAR)	Japanese: Second Language or Japanese: Background Language or equivalent language skills	
Visual Arts	Interview and folio of works and separate application to ECU	
Arts Management	Interview and separate application to ECU	

Course	Prerequisite	Desirable
Arts / Science (Double Degree)	Applicants must satisfy the prerequisites for specific major(s) as noted below	
Contemporary Fashion & Textiles	Interview and folio of works and separate application to ECU	
French (Post-ATAR)	French: Second Language ATAR or French: Background Language ATAR or equivalent language skills	
Japanese (Post-ATAR)	Japanese: Second Language ATAR or Japanese: Background Language ATAR or equivalent language skills	
Visual Arts	Interview and folio of works and separate application to ECU	
Aviation (BAviation)	Mathematics: Applications ATAR ² or Mathematics: Methods ATAR ³ , or equivalent.	Physics ATAR
Creative Industries	Applicants must satisfy the prerequisites for specific major(s) as noted below	
Environmental & Spatial Design	Interview and folio of works and separate application to ECU	
Graphic Design	Interview and folio of works and separate application to ECU	
Education (Secondary)	Applicants must satisfy the prerequisites for specific major(s) as noted below	
Drama Education	Audition and separate application to ECU	
Mathematics Education	Mathematics: Applications ATAR ² or equivalent	Mathematics: Methods ATAR ³ or Mathematics: Specialist ATAR ⁴ or equivalents
Music Education	Audition and separate application to ECU	
Physical Science Education	Mathematics: Applications ATAR ² or Mathematics: Methods ATAR ³ or Mathematics: Specialist ATAR ⁴ or equivalents	
Visual Arts Education	Interview and folio of works and separate application to ECU	
Electronic and Computer Systems		Mathematics: Applications ATAR ² Physics ATAR
Engineering Single Degrees: Civil Computer Systems Electrical Power Electronics and Communications Instrumentation Control & Automation Marine and Offshore Systems Mechanical Mechatronics Naval Architecture Engineering Ocean Engineering	For all Engineering Degrees listed: Mathematics: Methods ATAR ³ and Physics ATAR or equivalents	For all Engineering Degrees listed: Mathematics: Specialist ATAR ⁵
Double Degrees: Engineering / Business Engineering (Computer Systems) / Computer Science Engineering / Laws Engineering (Mechatronics) / Technology (Motorsports) Engineering / Science		
Engineering (Chemical)	Mathematics: Methods ATAR ³ and Physics ATAR and Chemistry ATAR or equivalent	Mathematics: Specialist ATAR ⁵

Course	Prerequisite	Desirable
Engineering (Civil & Environmental)	Mathematics: Methods ATAR ³ and Physics ATAR and Chemistry ATAR or equivalent	Mathematics: Specialist ATAR ⁵
Engineering Science	Mathematics: Methods ATAR ³ and Physics ATAR and Chemistry ATAR or equivalent	Mathematics: Specialist ATAR ⁵
Technology (Engineering)		Mathematics: Applications ATAR ²
Language Studies (DipLangSt)	Applicants must satisfy the prerequisites for specific major(s) as noted below	
French (Post-ATAR)	French: Second Language ATAR or French: Background Language ATAR or equivalent language skills	
Japanese (Post-ATAR)	Japanese: Second Language ATAR or Japanese: Background Language ATAR or equivalent language skills	
Laws / Arts (Double Degree)	Applicants must satisfy the prerequisites for specific major(s) as noted below	
Contemporary Fashion & Textiles	Interview and folio of works and separate application to ECU	
French (Post-ATAR)	French: Second Language ATAR or French: Background Language ATAR or equivalent language skills	
Japanese (Post-ATAR)	Japanese: Second Language ATAR or Japanese: Background Language ATAR or equivalent language skills	
Visual Arts	Interview and folio of works and separate application to ECU	
Motorsports (BTech (Motorsports))		Mathematics: Applications ATAR ² Physics ATAR
Music	All Music majors listed:	
Classical Performance – Instrumental	Audition and separate application to ECU	
Classical Performance - Vocal		
Contemporary Music		
Composition & Music Technology		
Jazz Performance		
Performance Making (BPerfArts)	Audition and separate application to ECU	
Psychology (BSc(Psych))	One science course ¹ or equivalents	
Science (generic Degree)	Applicants must satisfy the prerequisites for specific major(s) as noted below	
Mathematics	Mathematics: Methods ATAR ³ or Mathematics: Specialist ATAR ⁵ or equivalents	
Science / Business (Double Degree)	Applicants must satisfy the prerequisites for specific major(s) as noted below	
Mathematics	Mathematics: Methods ATAR ³ or Mathematics: Specialist ATAR ⁵ or equivalents	

MURDOCH UNIVERSITY

While many universities have prerequisite Year 12 courses for most of their courses, Murdoch University has a flexible degree structure that allows us to avoid this particular entrance requirement. Murdoch understands that students do not always make up their minds about the career they would like until much later than Year 10 and so Murdoch has 'make-up' units available in Chemistry, Mathematics and Physics for students who have not studied, or who have not performed well in, these subjects at Year 12 level. We do list some recommended courses because a strong mathematical or chemistry background is an advantage in any science-based university course. However, they are purely a recommendation and do not affect entry. Note that for entry to all Murdoch's courses you must fulfil the University's requirements on English competence.

¹ Or Mathematics 2A/2B

² Or Mathematics 2C/2D

³ Or Mathematics 3A/3B

⁴ Or Mathematics 3C/3D

⁵ Or Mathematics: Specialist 3C/3D

COURSE	RECOMMENDED
BACHELOR OF ARTS	
Asian Studies	No specific courses
Australian Indigenous Studies	No specific courses
Communication and Media Studies	No specific courses
Community Development	No specific courses
Criminology	No specific courses
English and Creative Writing	No specific courses
Games Art and Design	Visual Arts ATAR
Graphic Design	Visual Arts ATAR
History	No specific courses
Indonesian	No specific courses
International Aid and Development	No specific courses
Japanese	No specific courses
Journalism	No specific courses
Legal Studies	No specific courses
Philosophy	No specific courses
Photography	No specific courses
Politics and International Studies	No specific courses
Public Relations	No specific courses
Radio	No specific courses
Religion	No specific courses
Screen Production	No specific courses
Security, Terrorism and Counterterrorism Studies	No specific courses
Social and Developmental Psychology	No specific courses
Sociology	No specific courses
Sound	No specific courses
Sustainable Development	No specific courses
Theatre and Drama	No specific courses
Tourism and Events	No specific courses
Web Communication	Visual Arts ATAR

COURSE	RECOMMENDED
BACHELOR OF BUSINESS	
Accounting	Mathematics: Applications ATAR ²
Banking	Mathematics: Applications ATAR ²
Business Law	No specific courses
Economics	Mathematics: Applications ATAR ²
Finance	Mathematics: Applications ATAR ²
Hospitality and Tourism Management	No specific courses
Human Resource Management	No specific courses
International Business	No specific courses
Management	No specific courses
Marketing	No specific courses
BACHELOR OF EDUCATION	
Early Childhood 0-8	No specific courses <i>[Requires completion of a Diploma in Children Services (Early Childhood Care)]</i>
Early Childhood and Primary Teaching	No specific courses
Primary Teaching	No specific courses
Primary, 1-10 Health and Physical Education	No specific courses
Secondary Teaching/Arts	No specific courses
Secondary Teaching/Science	No specific courses
BACHELOR OF ENGINEERING	
Chemical and Metallurgical Engineering (Hons)	Mathematics: Methods ATAR ⁴ , Mathematics: Specialist ATAR ⁵ , Chemistry ATAR, Physics ATAR
Environmental Engineering (Hons)	Mathematics: Methods ATAR ⁴ , Mathematics: Specialist ATAR ⁵ , Chemistry ATAR, Physics ATAR
Engineering (Electrical) (Hons)	
• Electrical Power Engineering	Mathematics: Methods ATAR ⁴ , Mathematics: Specialist ATAR ⁵ , Physics ATAR
• Industrial Computer Systems Engineering	Mathematics: Methods ATAR ⁴ , Mathematics: Specialist ATAR ⁵ , Physics ATAR
• Instrumentation and Control Engineering	Mathematics: Methods ATAR ⁴ , Mathematics: Specialist ATAR ⁵ , Physics ATAR
• Renewable Energy Engineering	Mathematics: Methods ATAR ⁴ , Mathematics: Specialist ATAR ⁵ , Physics ATAR
BACHELOR OF LAWS	
Law	No specific courses
Law/Arts	No specific courses
Law/Business	No specific courses
Law/Science	No specific courses
BACHELOR OF NURSING	
Nursing	Mathematics: Applications ATAR ¹ , Chemistry ATAR, Human Biology ATAR
BACHELOR OF SCIENCE	
Animal Health	Mathematics: Methods ATAR ⁴ , Chemistry ATAR, Biology ATAR
Animal Science	Mathematics: Applications ATAR ³ , Chemistry ATAR
Biological Sciences	Mathematics: Applications ATAR ² , Chemistry ATAR

COURSE	RECOMMENDED
Biomedical Science	Mathematics: Applications ATAR ³ , Chemistry ATAR, Physics ATAR, Biology ATAR
Business Information Systems	Mathematics: Applications ATAR ²
Chemistry	Mathematics: Applications ATAR ³ , Chemistry ATAR, Physics ATAR
Chiropractic (Leads into Bachelor of Clinical Chiropractic)	Mathematics: Applications ATAR ³ , Chemistry ATAR, Physics ATAR, Human Biology ATAR, Biology ATAR
Clinical Laboratory Science	No specific courses
Cognitive Neuroscience and Health Psychology	Mathematics: Applications ATAR ³
Computer Science	Mathematics: Applications ATAR ²
Conservation and Wildlife Biology	Mathematics: Applications ATAR ² , Chemistry ATAR
Cyber Forensics and Information Security	Mathematics: Applications ATAR ²
Engineering Technology	Mathematics: Methods ATAR ⁴ , Mathematics: Specialist ATAR ⁵ , Physics ATAR
Environmental Management and Sustainability	Mathematics: Applications ATAR ² , Chemistry ATAR
Environmental Science	Mathematics: Applications ATAR ² , Chemistry ATAR
Forensic Biology and Toxicology	Mathematics: Applications ATAR ² , Chemistry ATAR
Games Software Design and Production	Mathematics: Applications ATAR ²
Games Technology	Mathematics: Applications ATAR ²
Internetworking	Mathematics: Applications ATAR ²
Marine Science	Mathematics: Applications ATAR ² , Chemistry ATAR
Mathematics and Statistics	Mathematics: Specialist ATAR ⁵
Mineral Science	Mathematics: Methods ATAR ⁴ , Mathematics: Specialist ATAR ⁵ , Chemistry ATAR
Mobile and Web Application Development	Mathematics: Applications ATAR ²
Molecular Biology	Mathematics: Applications ATAR ² , Chemistry ATAR
Movement Science	Physical Education Studies ATAR, Human Biology ATAR, Mathematics: Applications ATAR ¹
Physics and Nanotechnology	Mathematics: Specialist ATAR ⁵ , Physics ATAR
Sport and Health Science	Physical Education Studies ATAR, Human Biology ATAR, Mathematics: Applications ATAR ¹
Veterinary Science BSc (Veterinary Biology) which progresses into an integrated DVM (Doctor of Veterinary Medicine)	Mathematics: Methods ATAR ⁴ , Chemistry ATAR, Physics ATAR, Biology ATAR

THE UNIVERSITY OF WESTERN AUSTRALIA

The following list outlines the prerequisite and recommended ATAR courses for entry to UWA courses in 2017. Additional entry requirements are also outlined. To satisfy the prerequisite requirements, a scaled score of 50 or more in the ATAR course is required. Note that where 'at least Mathematics: Applications ATAR' is specified as a prerequisite, Mathematics: Methods ATAR also satisfies the requirement.

For results prior to 2016, a scaled score of 50 or more in stage 3 of the corresponding WACE course is generally required, although Mathematics 2C/2D is acceptable where specified. Recommended courses provide valuable background but do not affect selection. Further details are available at www.studyat.uwa.edu.au.

Undergraduate degrees

Bachelor of Arts		
Major	Prerequisites	Recommended Courses
Anthropology and Sociology	None	
Archaeology	None	
Asian Studies	None	
Chinese	None	
Classics and Ancient History	None	
Communication and Media Studies	None	
English and Cultural Studies	None	
European Studies	None	
French Studies	None	
Gender Studies	None	
German Studies	None	
History	None	
History of Art	None	
Human Geography and Planning	None	
Indigenous Knowledge, History and Heritage	None	
Indonesian	None	
Italian Studies	None	
Japanese	None	
Korean	None	
Law and Society	None	
Linguistics	None	
Medieval and Early Modern Studies	None	
Music Studies	Music ATAR or equivalent proficiency in performance and theory ¹	
Philosophy	None	
Political Science and International Relations	None	
Psychology in Society	None	
Specialist Music Studies	Music ATAR or equivalent proficiency in performance and theory ¹	
Work and Employment Relations	None	

Bachelor of Commerce		
Major	Prerequisites	Recommended Courses
Accounting	At least Mathematics: Applications ATAR ^{2, 3, 15}	Mathematics: Methods ATAR ¹⁶
Business Law	At least Mathematics: Applications ATAR ^{2, 3, 15}	Mathematics: Methods ATAR ¹⁶

Bachelor of Commerce		
Major	Prerequisites	Recommended Courses
Economics	At least Mathematics: Applications ATAR ^{2, 3, 15}	Mathematics: Methods ATAR ¹⁶
Economics (Double Major)	At least Mathematics: Applications ATAR ^{2, 15}	Mathematics: Methods ATAR ¹⁶
Finance	At least Mathematics: Applications ATAR ^{2, 3, 15}	Mathematics: Methods ATAR ¹⁶
Human Resource Management	At least Mathematics: Applications ATAR ^{2, 3, 15}	Mathematics: Methods ATAR ¹⁶
Management	At least Mathematics: Applications ATAR ^{2, 3, 15}	Mathematics: Methods ATAR ¹⁶
Marketing	At least Mathematics: Applications ATAR ^{2, 3, 15}	Mathematics: Methods ATAR ¹⁶
Bachelor of Design		
Major	Prerequisites	Recommended Courses
Architecture	None	
Fine Arts	None	
Integrated Design	None	
Landscape Architecture	None	
Bachelor of Science		
Major	Prerequisites	Recommended Courses
Aboriginal Health and Wellbeing	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶
Agricultural Science	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶
Anatomy and Human Biology	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶
Biochemistry and Molecular Biology	At least Mathematics: Applications ATAR ^{4, 5, 6, 15, 18}	Mathematics: Methods ATAR ¹⁶ and Chemistry ATAR
Biomedical Science	At least Mathematics: Applications ATAR ^{6, 15, 18}	Mathematics: Methods ATAR ¹⁶ and Chemistry ATAR
Botany	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶
Chemistry	At least Mathematics: Methods ATAR ^{7, 16} and Chemistry ATAR ⁶ OR Mathematics: Applications ATAR and Chemistry ATAR ⁶ with two additional UWA mathematics units taken in first year ¹⁵	Mathematics: Methods ATAR ¹⁶ and Mathematics: Specialist ATAR ¹⁷
Computer Science	At least Mathematics: Methods ATAR ^{16, 5}	.
Conservation Biology	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶
Data Science	At least Mathematics: Applications ATAR ¹⁵	Mathematics Methods ATAR ¹⁶
Engineering Science	Mathematics: Specialist ATAR, ¹⁷ Chemistry ATAR and Physics ATAR OR Mathematics: Methods ATAR ¹⁶ with additional specified units taken in the first year depending on the number of missing prerequisite subjects ⁸	Mathematics: Specialist ATAR ¹⁷ , Chemistry ATAR and Physics ATAR
Environmental Science	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶
Exercise and Health	At least Mathematics: Applications ATAR ^{4, 15, 18}	
Genetics	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶ and Chemistry ATAR
Geography	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶
Geology	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶
Marine Science	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶

Mathematics and Statistics	Mathematics: Specialist ATAR ¹⁷	
Bachelor of Science		
Major	Prerequisites	Recommended Courses
Microbiology and Immunology	At least Mathematics: Applications ATAR ^{4, 6, 15, 18}	Mathematics: Methods ATAR ¹⁶ and Chemistry ATAR
Natural Resource Management	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶
Neuroscience	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶ and Chemistry ATAR
Pathology and Laboratory Medicine	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶ and Chemistry ATAR
Pharmacology	At least Mathematics: Applications ATAR ^{6, 15, 18}	Mathematics: Methods ATAR ¹⁶ , and Chemistry ATAR
Physics	Mathematics: Specialist ATAR ¹⁷ ; Mathematics: Methods ATAR ¹⁶ and Physics ATAR OR Mathematics: Methods ATAR ¹⁶ ; and Physics ATAR ¹⁹ with an additional UWA mathematics unit taken in first year	
Physiology	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶ and Chemistry ATAR
Population Health	At least Mathematics: Applications ATAR ^{4, 15, 18}	
Psychological Science	At least Mathematics: Applications ATAR ^{4, 15, 18}	
Quantitative Methods	At least Mathematics: Applications ATAR ¹⁵	Mathematics: Methods ATAR ¹⁶
Science Communication	At least Mathematics: Applications ATAR ^{9, 15, 18}	
Sport Science	At least Mathematics: Applications ATAR ^{4, 15, 18}	
Zoology	At least Mathematics: Applications ATAR ^{4, 15, 18}	Mathematics: Methods ATAR ¹⁶ and Chemistry ATAR

Bachelor of Philosophy (Honours)		
Major	Prerequisites	Recommended Courses
Any of the majors listed above may be studied within the BPhil(Hons)	ATAR (or equivalent) of at least 98.00, plus the prerequisites for the intended major. (Additional selection criteria may apply.)	

Professional postgraduate pathways

Area of study	Entry requirements
Architecture	Completion of the Bachelor of Design (or equivalent), majoring in Architecture and Integrated Design, at a satisfactory level.
Audiology	Completion of an undergraduate degree at a satisfactory level.
Dentistry	Completion of an undergraduate degree with a Grade Point Average of at least 5.5 ^{10, 11, 12}
Engineering	Completion of an undergraduate degree, majoring in Engineering Science (or equivalent) at a satisfactory level.

Landscape Architecture	Completion of the Bachelor of Design (or equivalent), majoring in Landscape Architecture, at a satisfactory level.
Law	Completion of an undergraduate degree with a Grade Point Average of at least 5.5 ^{10, 11, 13}
Medicine	Completion of an undergraduate degree with a Grade Point Average of at least 5.5 ^{10, 11, 12}
Music	Completion of an undergraduate degree majoring in Music Studies and Specialist Music Studies, at a satisfactory level.
Nursing	Completion of an undergraduate degree, including studies in Human Biology, at a satisfactory level.
Pharmacy	Completion of an undergraduate degree with a Grade Point Average of at least 5.0, with at least one unit from each of the following prerequisite areas: biochemistry, chemistry, mathematics OR statistics, molecular biology and physiology ¹¹
Podiatric Medicine	Completion of an undergraduate degree with a Grade Point Average of at least 5.0 ^{11, 12}
Psychology	Completion of an honours degree in Psychology at a satisfactory level.
Social Work	Completion of a relevant undergraduate degree.
Teaching (Early Childhood)	Completion of an undergraduate degree at a satisfactory level.
Teaching (Primary)	Completion of an undergraduate degree at a satisfactory level.
Teaching (Secondary)	Completion of an undergraduate degree, including a major relevant for secondary teaching, at a satisfactory level ¹⁴

NOTES:

- 1 You must also satisfy the requirements of an audition to be eligible for a Music course. This will require demonstration of a musical background equivalent to AMEB Grade 5 (Music Studies) or AMEB Grade 7 (Specialist Music Studies).
- 2 If you have a scaled score of 50 or higher in Mathematics: Applications ATAR only, you will need to complete Economics 1111 in place of an elective unit within the degree.
- 3 Prerequisites may not apply to students completing this major in a degree other than the Bachelor of Commerce or Bachelor of Philosophy (Honours); however, students without Mathematics may have a restricted choice of units in the Finance and Economics majors.
- 4 Prerequisites may not apply to students completing this major in a degree other than the Bachelor of Science or Bachelor of Philosophy (Honours).
- 5 If you do not have a scaled score of 50 or higher in Mathematics: Methods ATAR, you may need to do additional mathematics study during your first year.
- 6 If you do not have a scaled score of 50 or higher in Chemistry ATAR, you will need to do an introductory Chemistry unit during your first year.
- 7 If you do not have a scaled score of 50 or higher in Mathematics: Specialist ATAR, you will need to do an additional mathematics unit during your first year.
- 8 Depending on the number of units required, students may elect to undertake them as part of an enabling course (additional to their degree), or as electives within their degree course.
- 9 This major must be taken together with another Science major. Check the prerequisites for other majors as well.
- 10 A number of Assured Entry Places are available, providing a reserved place in the postgraduate course on the basis of Year 12 results. Check www.studyat.uwa.edu.au/assured-entry for details.
- 11 A Grade Point Average of 5.5 is equivalent to an overall subject average of approximately 70%. A Grade Point Average of 5.0 is equivalent to an overall subject average of approximately 65%.
- 12 A competitive selection process and additional selection criteria will apply. Undergraduate studies may be undertaken in any area. Some study of physics at Year 12 level and biology and chemistry at first-year university level is recommended.
- 13 A competitive selection process will apply. Additional selection criteria may apply.
- 14 An honours degree in Psychology at a satisfactory level is required for School Psychology majors.
- 15 A scaled score of 50 or higher in Mathematics 2C/2D will satisfy the Mathematics: Applications ATAR requirement.
- 16 A scaled score of 50 or higher in Mathematics 3C/3D will satisfy the Mathematics: Methods ATAR requirement.
- 17 A scaled score of 50 or higher in Mathematics: Specialist 3C/3D will satisfy the Mathematics: Specialist ATAR requirement.
- 18 If you have a scaled score of 50 or higher in Mathematics: Applications ATAR only, you will need to complete appropriate UWA unit(s) with mathematics and/or statistics content within the degree.
- 19 If you do not have a scaled score of 50 or higher in Physics, you will need to do an introductory Physics unit during your first year.

ADDRESSES

CURTIN UNIVERSITY

BENTLEY CAMPUS
Kent Street
BENTLEY WA 6102
Telephone: (08) 9266 7805
Fax: (08) 9266 4108
Web: www.curtin.edu.au
Email: admissions@curtin.edu.au

KALGOORLIE CAMPUS
For mining courses:
Western Australian School of Mines (WASM)
Egan Street
KALGOORLIE WA 6430
Telephone: 1800 688 377
Fax: (08) 9088 6100
Web: www.wasm.curtin.edu.au

COUNTRY CENTRES
Limited assistance will be available at country centres listed below, please contact 1800 469 164.
Albany
Kalgoorlie

EDITH COWAN UNIVERSITY

270 Joondalup Drive
JOONDALUP WA 6027
Telephone: 134 328
Overseas: (61 8) 6304 0000
Email: futurestudy@ecu.edu.au
Web: www.reachyourpotential.com.au
Including Joondalup, Mt Lawley, South West Campus (Bunbury) and Margaret River Education Centre

MURDOCH UNIVERSITY

Murdoch Campus
THE STUDENT CENTRE
South Street
MURDOCH WA 6150
Telephone: 1300 MURDOCH (1300 687 3624)
Fax: (08) 9360 6491
Online enquiries: ask.murdoch.edu.au
Web: www.murdoch.edu.au

Peel Campus (Mandurah)
THE STUDENT CENTRE
Education Drive
Mandurah WA 6210
Telephone: 1300 MURDOCH (1300 687 3624)
Fax: (08) 9360 6491
Online enquiries: ask.murdoch.edu.au
Web: www.murdoch.edu.au

Rockingham Campus
THE STUDENT CENTRE
Dixon Road
Rockingham WA 6168
Telephone: 1300 MURDOCH (1300 687 3624)
Fax: (08) 9360 6491
Online enquiries: ask.murdoch.edu.au
Web: www.murdoch.edu.au

THE UNIVERSITY OF WESTERN AUSTRALIA

ADMISSIONS CENTRE
Mail Bag M353
35 Stirling Highway
CRAWLEY WA 6009
Telephone: (08) 6488 2477
Country Callers 1800 653 050
Fax: (08) 6488 1226
Online enquiries: ask.uwa.edu.au
Web: www.studyat.uwa.edu.au

ALBANY CENTRE
35 Stirling Terrace
ALBANY WA 6330
Telephone: (08) 9842 0888
Fax: (08) 9842 0877
Email: albanycentre@uwa.edu.au
Web: www.albany.uwa.edu.au

TERTIARY INSTITUTIONS SERVICE CENTRE

Level 1, 100 Royal Street
EAST PERTH WA 6004
Telephone: (08) 9318 8000
Fax: (08) 9225 7050
Web: www.tisc.edu.au