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ABBREVIATIONS

The following abbreviations have been used in this brochure:

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

INTRODUCTION

The following information is issued on behalf of the five Western Australian 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 of February 2023 and is based on information provided by the participating universities and information available from the School Curriculum and Standards Authority (SCSA) at the time of publication.

This brochure applies to students who will be completing Western Australian Year 12 studies in 2024. It is relevant only for admission in 2025 and is subject to change without notice.

PARTICIPATING UNIVERSITIES

Curtin University
Edith Cowan University
Murdoch University
The University of Notre Dame Australia
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 students at their schools in August of the year they are completing Year 12. Application will be via TISC's website. Applications usually open in the first half of the year, for admission the following February.

The closing date for applications is usually shortly after the release of Year 12 results. Offers of admission are made in the weeks following – there are usually two major TISC offer rounds.

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 can 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 relevant university.

REQUIREMENTS FOR UNIVERSITY ADMISSION

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

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

PORTFOLIO ENTRY INTO SELECTED COURSES AT CURTIN UNIVERSITY

Alternative entry is available in selected courses for those who can demonstrate equivalence to Curtin's ATAR entry through the submission of a portfolio. You can visit [Curtin's Portfolio Entry website](#) for further information about the portfolio requirements and application process. An interview might be required as part of the application process.

ACCESS CURTIN PATHWAY

An Access Curtin place grants admission to selected courses at Curtin that require an ATAR of 70. Apply through TISC for your chosen course and if you're eligible, Curtin will offer you a place. English Language competence must be met. For more information see [Access Curtin](#).

EXPERIENCE BASED ENTRY SCHEME PATHWAY TO EDITH COWAN UNIVERSITY (ECU)

ECU's Experience Based Entry Scheme (EBES) is an alternative entry pathway for school leaver applicants with a near-miss ATAR and non-ATAR students who successfully complete at least 3 ATAR courses and 1 General course in Year 12. To be considered through the EBES pathway, school leaver applicants must achieve WACE, meet ECU's English competency requirements, and satisfy any other course, or major, specific prerequisites or requirements. Applications will be partially assessed prior to release of final Year 12 results.

Not all courses accept applications through this pathway. Refer to the course entry requirements for your chosen degree for more information at www.ecuworldready.com.au.

Detailed information about the requirements for the EBES pathway may be obtained from the Future Students team on 134 328 or [the ECU Experience Based Entry Scheme website](#).

CREATIVE ARTS PORTFOLIO ENTRY PATHWAY TO EDITH COWAN UNIVERSITY (ECU)

ECU's Creative Arts Portfolio Entry (CAPE) pathway is an alternative entry pathway for school leaver applicants who are passionate about art and design and is available for selected ECU courses and majors. This pathway is available to school leaver applicants who successfully complete a minimum of 1 ATAR course and a minimum of 3 General courses, with at least one course in an area related to the chosen ECU course or major. Additionally, applicants must achieve WACE, meet ECU's English competency requirements, and satisfy any other course or major, specific prerequisites or requirements.

Detailed information about the requirements for the CAPE pathway may be obtained from the Future Students team on 134 328 or at [ECU's Creative Arts Portfolio Entry website](#).

PORTFOLIO ENTRY INTO SELECTED COURSES AT MURDOCH UNIVERSITY

Murdoch University offers a portfolio pathway for admission into selected courses. You must satisfy Murdoch's English requirement, as outlined below, and should apply through TISC but submit your portfolio directly to Domestic Admissions at Murdoch University. Portfolios will be assessed by academic staff in the relevant discipline. For more information see [Murdoch's Portfolio Entry website](#).

ADMISSION OF STUDENTS FROM NON-STANDARD SCHOOLS

Normally all applicants using recent secondary education as the basis of admission to 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 the universities for students from non-standard schools, however achievement of an equivalent senior secondary qualification or certificate may be required. You should check with the university/ies you wish to attend if you are unsure.

SCHOOL LEAVERS WITH AQF (VET) QUALIFICATIONS

School leavers using this pathway do **not** obtain an ATAR. The qualification (Certificate IV and above) may be used to give a selection rank that is sufficient to gain entry to selected courses at each university. This selection rank is not an ATAR and will not be reflected on the [Universities Admission Advice Letter \(UAAL\)](#) issued by TISC.

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 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 Certificate IV as part of their Year 12 studies; and
- achieved WACE; and
- met ECU's competence in English requirement; and
- met course prerequisite requirements.

Murdoch University

School leavers will be eligible for admission into most Murdoch degree courses, with successful completion of a Certificate IV. They must also have:

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

The University of Notre Dame Australia

The University of Notre Dame expect school leaver age applicants who seek entry via this pathway to have, as a minimum:

- successfully completed an AQF Certificate IV; and
- achieved WACE; and
- met Notre Dame's competence in English requirement; and
- met course prerequisite requirements.

The University of Western Australia

The University of Western Australia will accept an AQF qualification at Diploma level as a basis of admission for selected undergraduate 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.

1. WESTERN AUSTRALIAN CERTIFICATE OF EDUCATION (WACE)

You must satisfy the requirements of the WACE to enter all five 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 Year 12 courses: English ATAR, Literature ATAR or English as an Additional Language/Dialect (EAL/D) 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 choose the English ATAR course and contact the universities for details about alternative acceptable English tests.

If you intend to study a General English course in Year 11 and 12 and want to go to university, remember that restrictions apply to people under 20 years of age wishing to sit STAT for English competency. Permission from a university may be required. TISC considers ATAR English courses (including Literature and EAL/D) to provide the best preparation for the academic demands of university courses.

CURTIN UNIVERSITY

You must achieve a scaled score of at least 50 in one of the Year 12 courses: English ATAR, Literature ATAR or English as an Additional Language/Dialect (EAL/D) ATAR.

CONCESSIONS

- a) If you have not met the above requirement, Curtin will concede competence in English to you if you have achieved a moderated numeric school assessment or numeric examination assessment of at least 55 in English ATAR or Literature ATAR. For EAL/D ATAR, a moderated written school assessment or written exam mark of at least 60 is required.
- b) If you have not met requirement (a) above but you have achieved an ATAR/Selection Rank above the minimum specified annually by the relevant university, **and** achieved a scaled score less than 50 in English ATAR, Literature ATAR or EAL/D 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.

EDITH COWAN UNIVERSITY

You must achieve:

- a scaled score of at least 50, **or**
- a minimum final school letter grade of C in Year 12,

in one of the Year 12 courses: English ATAR, Literature ATAR or English as an Additional Language/Dialect (EAL/D) ATAR.

Applicants with an RTO Certificate IV or those applying through the Experience Based Entry Scheme (EBES) pathway require final school letter grade of A in Year 12 General English (or Literature).

Some courses have additional English requirements due to accreditation requirements eg Nursing, Midwifery, Paramedicine, Occupational Therapy, Speech Pathology.

MURDOCH UNIVERSITY

You must complete:

- Year 11 and 12 at an Australian school, **or**
- Two years of full-time VET study in Australia (or equivalent part-time).

If you are applying for a Bachelor of Nursing you must complete Year 11 and 12 at an Australian School, **or** two years full-time VET study in Australia **PLUS** an additional four years of primary or secondary education taught and assessed solely in English in a recognised country (Australia, Canada, New Zealand, Republic of Ireland, South Africa, United Kingdom, USA).

If you are applying for a Bachelor of Laws (including combined degrees) you must complete:

- Year 11 and 12 at an Australian school, **or**
- Two years of full-time VET study in Australia **PLUS** evidence of completing Year 11 or 12 in a recognised country (Australia, Canada, New Zealand, Republic of Ireland, South Africa, United Kingdom, USA).

If you have not met the above requirement, you may demonstrate your competence in English for Murdoch University by sitting the Written English component of the Special Tertiary Admissions Test (STAT)*, or another test of English approved by the university. For the Bachelor of Nursing and the Bachelor of Laws (including combined degrees), the STAT is not accepted to meet competence in English. You can use IELTS, PTE Academic (Nursing only) or TOEFL iBT. For required scores, check Murdoch's website.

*Restrictions apply to people under 20 years of age wishing to sit STAT. Check [TISC's website](#).

THE UNIVERSITY OF NOTRE DAME AUSTRALIA

Successful completion of secondary education in Australia will satisfy the requirement.

THE UNIVERSITY OF WESTERN AUSTRALIA

You must achieve a scaled score of at least 50 in one of the Year 12 courses: English ATAR, Literature ATAR or English as an Additional Language/Dialect (EAL/D) ATAR.

CONCESSIONS

- a) If you have not met the requirement for this university, The University of Western Australia will concede competence in English to you if you have achieved a moderated numeric school assessment or numeric examination assessment of at least 60 in English ATAR or Literature ATAR. For English as an Additional Language/Dialect ATAR, a moderated written school assessment or written exam mark of at least 60 is required.
- b) If you have not met requirement (a) above for The University of Western Australia, but you have achieved an ATAR/Selection Rank above the minimum specified annually by the university, **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 standard 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 considers 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 ATAR courses.

SCALED SCORES

Once you have finished all your school-based assessment in an ATAR course, your school will send a mark to SCSA. This is your **raw school mark**.

Next, all students enrolled in this ATAR course will sit the same external exam. The mark you receive in this exam is your **raw exam mark**.

SCSA conducts **moderation** to adjust school marks by looking at the performance of groups of students in the exam. This ensures students are not advantaged or disadvantaged if they were marked or assessed favourably at school. Your **moderated school mark** is then added to your raw exam mark to give a **course combined mark**.

The course combined marks are then **standardised**. This process is done so that there is no advantage or disadvantage based on the exam you were set in any subject in any year – all subjects, every year, have their

combined marks standardised to have an average (mean) of around 60 per cent. This gives you your **standardised combined mark**.

All course results will then be **scaled** by TISC's Average Marks Scaling process to ensure fairness to all students. This accounts for the level of difficulty in a course, and will give you your **scaled score**.

A scaled score for an ATAR course can only be calculated if a student sits the ATAR course examination for that course.

Scaled scores for ATAR courses with a practical component, those taken on a non-school basis, and those with very small candidature, are treated slightly differently. If you're interested in the marks adjustment processes, see TISC's website.

Scaling is not pre-determined, so TISC cautions against selecting courses on the basis of how you think they will be affected by scaling.

CALCULATION OF THE TEA

The ATAR is derived from the Tertiary Entrance Aggregate (TEA). In 2024, the TEA will be calculated by adding your best four scaled scores plus any applicable course-specific bonuses, as detailed below, based on the following rules.

- Courses which can be used in the ATAR are listed following.
- For all universities you may accumulate scaled scores which contribute to your ATAR over **five** consecutive years, with no course counting more than once. You may use previous scaled scores back to 2021. 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 Languages Other than English (LOTE) bonus of 10% of a LOTE scaled score is added to the aggregate of the best four scaled scores. 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.

If you study Mathematics Methods ATAR and/or Mathematics Specialist ATAR, a Mathematics bonus of 10% of the scaled score for each of those subjects is added to the aggregate of the best four scaled scores. You receive the Mathematics bonus irrespective of whether these scaled score/s are counted in the best four.

Scaled scores from previous study of WACE courses are on the same scale as scaled scores obtained from study in 2024 and will be used directly in the calculation of an ATAR, if applicable.

The maximum TEA is 430.

TEA TO ATAR

TISC will construct a table to convert your TEA to an ATAR. The table considers 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.

As a guide, if you have a best-four average scaled score of around 55.00, you are likely to achieve an ATAR of around 70.00, which is the minimum entry set by most WA universities.

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.

CASE STUDY: ATAR CALCULATION

Jo took five ATAR courses at Year 12 level. Her final scaled scores are shown in this table. Maths Methods was her lowest scaled score, so it isn't counted in her best four, **but** she still receives the Maths bonus of 10% of her scaled score. TISC then completes the TEA to ATAR conversion. If TISC used the sub-total of 231.0, before bonuses, Jo would have achieved an ATAR of 75.65 in 2021. With the bonuses included, Jo would have achieved an ATAR of 79.95 in 2021.

Course	Scaled Score
Physics ATAR	67.6
Italian ATAR	66.5
English ATAR	55.4
Modern History ATAR	41.5
Mathematics Methods ATAR	41.0
Sub-total	231.0
LOTE bonus	6.7
Maths bonus	4.1
Tertiary Entrance Aggregate	241.8

79.95

COURSES WHICH ARE USED TO FORM THE ATAR

In Western Australia, there are two groups of courses: ATAR and General courses. Year 11 and 12 students may also study VET qualifications or endorsed programs. Only ATAR courses can be included in the ATAR, and students must have sat the external ATAR course examination to obtain a scaled score.

Aboriginal and Intercultural Studies ATAR	Indonesian: Background Language ATAR*
Accounting and Finance ATAR	Indonesian: First Language ATAR*
Ancient History ATAR	Indonesian: Second Language ATAR*
Animal Production Systems ATAR	Integrated Science ATAR
Applied Information Technology ATAR	Italian: Background Language ATAR*
Arabic ATAR*	Italian: Second Language ATAR*
Aviation ATAR	Japanese: Background Language ATAR*
Biology ATAR	Japanese: First Language ATAR*
Business Management and Enterprise ATAR	Japanese: Second Language ATAR*
Career and Enterprise ATAR	Korean: Background Language ATAR*
Chemistry ATAR	Literature ATAR
Children, Family and the Community ATAR	Malay: Background Speakers ATAR*
Chinese: Background Language ATAR*	Marine and Maritime Studies ATAR
Chinese: First Language ATAR*	Materials Design and Technology ATAR
Chinese: Second Language ATAR*	Mathematics Applications ATAR
Computer Science ATAR	Mathematics Methods ATAR
Dance ATAR	Mathematics Specialist ATAR
Design ATAR	Media Production and Analysis ATAR
Drama ATAR	Modern Greek ATAR*
Earth and Environmental Science ATAR	Modern History ATAR
Economics ATAR	Music ATAR
Engineering Studies ATAR	Outdoor Education ATAR
English ATAR	Philosophy and Ethics ATAR
English as an Additional Language or Dialect (EALD) ATAR	Physical Education Studies ATAR
Food Science and Technology ATAR	Physics ATAR
French: Background Language ATAR*	Plant Production Systems ATAR
French: Second Language ATAR*	Polish ATAR*
Geography ATAR	Politics and Law ATAR
German: Background Language ATAR*	Psychology ATAR
German: Second Language ATAR*	Religion and Life ATAR
Health Studies ATAR	Spanish ATAR*
Hebrew ATAR*	Vietnamese ATAR*
Human Biology 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 2024, which may be counted in the ATAR. Contact the School Curriculum and Standards Authority for details of availability.

* indicates a Language Other Than English (LOTE) course.

UNACCEPTABLE COURSE COMBINATIONS – ATAR COURSES

You cannot use the following course combinations in calculating your ATAR. You may be able to choose to study both courses in the combination, but only the higher of the two scaled scores can be used to calculate your ATAR – not both.

Chemistry ATAR <i>with</i> Integrated Science ATAR
English as an Additional Language/Dialect ATAR <i>with</i> English ATAR
English as an Additional Language/Dialect ATAR <i>with</i> Literature ATAR
Mathematics Applications ATAR <i>with</i> Mathematics Specialist ATAR
Physics ATAR <i>with</i> Integrated Science ATAR
Chinese: Background Language ATAR <i>with</i> Chinese: Second Language ATAR
Chinese: Background Language ATAR <i>with</i> Chinese: First Language ATAR
Chinese: Second Language ATAR <i>with</i> Chinese: First Language ATAR
French: Background Language ATAR <i>with</i> French: Second Language ATAR
German: Background Language ATAR <i>with</i> German: Second Language ATAR
Indonesian: Background Language ATAR <i>with</i> Indonesian: First Language ATAR
Indonesian: Background Language ATAR <i>with</i> Indonesian: Second Language ATAR
Indonesian: First Language ATAR <i>with</i> Indonesian: Second Language ATAR
Indonesian: Background Language ATAR <i>with</i> Malay: Background Speakers ATAR
Indonesian: First Language ATAR <i>with</i> Malay: Background Speakers ATAR
Indonesian: Second Language ATAR <i>with</i> Malay: Background Speakers ATAR
Italian: Background Language ATAR <i>with</i> Italian: Second Language ATAR
Japanese: Background Language ATAR <i>with</i> Japanese: First Language ATAR
Japanese: Background Language ATAR <i>with</i> Japanese: Second Language ATAR
Japanese: Second Language ATAR <i>with</i> Japanese: First Language ATAR

COURSES STUDIED ON A NON-SCHOOL BASIS

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

The School Curriculum and Standards Authority (SCSA) administers non-school candidature. SCSA places restrictions on school leaver students sitting ATAR courses as non-school candidates. If you wish to sit ATAR courses on a non-school 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 non-school candidate.

You will not be able to use results from courses sat on a non-school basis to meet the WACE requirement.

SELECTION RANKS

For most courses, 2024 Year 12 students will be selected for admission to university in 2025 based on their ATAR. However, some universities assign students who are eligible for adjustment factors 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 adjustment factors is based on specified criteria, such as the school you attend for Year 12, your home postcode, or family background. 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 2025 admission, Curtin University has the StepUp to Curtin Entry Pathway, ECU has the ECU Access Pathway, Murdoch University has RISE, and UWA has the Broadway Alternative Entry Pathway. Notre Dame asks all applicants to submit an Individual Factors form so that adjustments may be granted on an individual basis. For further details about any of these pathways, see the individual university section on TISC's website.

For some university courses Selection Ranks are based on additional criteria as well as the ATAR. The criteria may include bridging/special course units, interviews, auditions, folio presentations, aptitude tests, the Educational Access Scheme etc. Detailed information is available from the individual universities.

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.

The universities set these requirements to ensure that students commencing a university course have an appropriate level of knowledge to succeed in their chosen course.

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

Prerequisites may be satisfied by results from the current year or previous four years.

Murdoch University and The University of Notre Dame Australia do not require applicants to have undertaken specific prerequisite courses and instead provide introductory units to enable its students to become skilled in specific areas in which they may be lacking. However, they provide a list of recommended ATAR courses for some of their degree courses.

5. SELECTING YOUR COURSES

Choosing your subjects for Year 11 and 12 now, when you're in Year 10, can seem like a huge commitment. The tables on the following pages will give you an idea of what ATAR courses are either required or recommended for courses you may be interested in.

If you are not sure what direction you want to go after finishing school, try to choose courses that will give you a wide range of options, in your area of interest. Choosing courses that you are interested in gives you a higher chance of success and is likely to keep your stress levels manageable.

At the same time, it is best to choose courses that will challenge you academically, to maintain interest and ensure you are getting the most out of your secondary education.

Remember, although you need to complete four or more ATAR courses to achieve an ATAR, you can also study fewer than four ATAR subjects and benefit from the more rigorous curriculum in areas of interest. For example, if you have an aptitude for Drama or Dance, you may wish to study that subject at ATAR level whilst completing a Certificate IV or General subjects. That may then lead you to one of the portfolio or alternative entry pathways, or you may move on to employment or training and not to university – learning is never wasted.

REQUIREMENTS TO ENROL IN ATAR COURSES

TISC and SCSA do not enforce any academic or prerequisite requirements to enrol in an ATAR course – for example, you don't need a particular grade or mark in a Year 10 subject to enrol in the ATAR course for Year 11 and Year 12.

Schools may advise of certain internal requirements such as achieving a B or C grade in a Year 10 subject to enrol in a certain Year 11 ATAR course. Remember that you do need to consider the requirements of the WACE, including achieving a certain number of C grades (see SCSA's website for more information). If you don't agree with your school's recommendation, it's best to discuss your situation and goals with the relevant person at your school.

TISC recommends that if you are already fairly sure that you want to attend university after graduating from high school, you strongly consider an ATAR pathway, as this will equip you with important skills and knowledge that will help you succeed at university. ATAR courses can also give you entry into TAFE or other further training or study, if you decide you don't want to go to university directly after finishing Year 12.

CASE STUDIES – SUBJECT SELECTION

Aliyah is in Year 10; she enjoys maths and is interested in how things work. She thinks she may want to be an engineer, or work in a related field. She isn't sure which university she might want to go to. Aliyah checks the prerequisite lists and sees that all the universities require or recommend Maths Methods for Engineering courses and most also require either Physics or Chemistry.

Aliyah decides that to make sure she meets the prerequisite requirements at several universities, she will choose Maths Methods, Maths Specialist, Physics and Chemistry at ATAR level for Year 11. She isn't sure about Specialist, as she's heard it's really hard, but her parents suggested she try her best and see how Year 11 goes. To meet English competence requirements, she also chooses English ATAR, even though English is not her best subject. Finally, she chooses Materials Design and Technology General because it is an area of interest, and she wants one subject that is a little less demanding.

Ben is also in Year 10. He loves music and performing on stage, and wants to pursue a career in the arts. Apart from Music, his preferred subjects are English and HASS. He isn't sure if he will want to study at university or perhaps complete a VET diploma at a specialist performing arts education provider. Ben's school doesn't offer Music ATAR so he chooses a Certificate II in Music. He decides that to keep his options open, he will choose four Year 11 ATAR subjects, and see how he feels after completing Year 11.

He chooses English ATAR, Maths Applications ATAR, Modern History ATAR and Media Production and Analysis ATAR, knowing that he'll find those subjects interesting. Finally, Ben chooses Design General, thinking it would be useful to have some design knowledge for set design or creating his own marketing material when he's performing.

COURSE PREREQUISITES

CURTIN UNIVERSITY

The following list outlines the prerequisite and recommended ATAR courses for entry to Curtin courses in 2025. 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.

¹ Biology ATAR, Chemistry ATAR, Earth and Environmental Science ATAR, Human Biology ATAR, Integrated Science ATAR, Physics ATAR or Psychology ATAR satisfies this requirement.

² Accreditation by the Actuaries Institute requires applicants to have a minimum ATAR/Selection Rank of 92.00.

³ Animal Production Systems ATAR, Applied Information Technology ATAR, Aviation 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 or Psychology ATAR satisfies this requirement.

⁴ Animal Production Systems ATAR, Biology ATAR, Chemistry ATAR, Earth and Environmental Science ATAR, Human Biology ATAR, Integrated Science ATAR, Marine and Maritime Studies ATAR, Physics ATAR, Plant Production Systems ATAR or Psychology ATAR satisfies this requirement.

COURSE	PREREQUISITES	DESIRABLE
Actuarial Science	Mathematics Methods ATAR and ATAR/Selection Rank of 92.00 or equivalent ²	Mathematics Specialist ATAR
Advanced Biomedical Science (Honours)	Chemistry ATAR and Mathematics Methods ATAR	
Bachelor of Advanced Science (Honours)		
Agricultural Science	Mathematics Methods ATAR	Biology ATAR, Chemistry ATAR
Chemistry	Mathematics Methods ATAR and Chemistry ATAR	Mathematics Specialist ATAR, Physics ATAR
Coastal and Marine Science	Mathematics Methods ATAR	One of Biology ATAR, Chemistry ATAR, Marine and Maritime Studies ATAR
Computing	Mathematics Methods ATAR	
Data Science	Mathematics Methods ATAR	Mathematics Specialist ATAR
Earth Sciences	Mathematics Methods ATAR	Chemistry ATAR
Environmental Science	Mathematics Methods ATAR and Chemistry ATAR	Biology ATAR
Financial Mathematics	Mathematics Specialist ATAR	
Industrial and Applied Mathematics	Mathematics Specialist ATAR	
Molecular Genetics	Mathematics Methods ATAR and Chemistry ATAR	Mathematics Specialist ATAR, Biology ATAR
Physics	Mathematics Methods ATAR, Mathematics Specialist ATAR and Physics ATAR	Chemistry ATAR
Agribusiness (Portfolio entry) (Associate Degree)	No prior study in a particular course is required	Mathematics Applications ATAR
Agribusiness	Mathematics Applications ATAR	One science ATAR course ³
Agribusiness (Portfolio entry)	Mathematics Applications ATAR	One science ATAR course ³
Applied Geology/Environmental Biology (<i>double degree</i>)	Mathematics Applications ATAR and one science ATAR course ³	
Applied Geology/Finance (<i>double degree</i>)	At least Mathematics Applications ATAR	
Architectural Science	No prior study in a particular course is required	Mathematics Applications ATAR, Visual Art ATAR and Physics ATAR
Bachelor of Arts		
Anthropology and Sociology	No prior study in a particular course is required	
Chinese	No prior study in a particular course is required	
Creative Writing	No prior study in a particular course is required	
Digital and Social Media	No prior study in a particular course is required	
English and Cultural Studies	No prior study in a particular course is required	
Geography	No prior study in a particular course is required	Geography ATAR

COURSE	PREREQUISITES	DESIRABLE
History	No prior study in a particular course is required	Modern History ATAR or Ancient History ATAR
International Relations	No prior study in a particular course is required	
Japanese	No prior study in a particular course is required	
Journalism	No prior study in a particular course is required	
Professional Writing and Publishing	No prior study in a particular course is required	
Security and Strategic Studies	No prior study in a particular course is required	
Bachelor of Arts (Portfolio entry) <ul style="list-style-type: none"> • Anthropology and Sociology • Chinese • Creative Writing • Digital and Social Media • Geography • History • International Relations • Japanese • Journalism • English and Cultural Studies • Professional Writing and Publishing • Security and Strategic Studies 	No prior study in a particular course is required	Geography: Geography ATAR History: Modern History ATAR or Ancient History ATAR
Arts/Commerce (<i>double degree</i>)	No prior study in a particular course is required	
Biomedical Sciences	Mathematics Applications ATAR	
Business Administration (BBA)	No prior study in a particular course is required	
Business Administration (BBA) (Portfolio entry)	No prior study in a particular course is required	
Bachelor of Commerce		
Commerce <ul style="list-style-type: none"> • Accounting[#] • Business Information Systems • Business Law[#] • Economics • Finance[#] • Human Resource Management • International Business • Logistics and Supply Chain Management • Management[#] • Marketing[#] • Property • Taxation • Tourism and Hospitality The following majors can only be chosen as a part of select double major combinations: <ul style="list-style-type: none"> • Audit Analytics[#] • Financial Planning Depending on which business area you choose, you can select a single or double major. [#] These majors are also available to students enrolling at the Kalgoorlie campus via fully online mode.	No prior study in a particular course is required	Accounting: Mathematics Applications Audit Analysis: Mathematics Applications Finance: Mathematics Applications Financial Planning: Mathematics Applications Property: Mathematics Applications Property Valuation: Mathematics Applications
Commerce (Portfolio entry) Majors offered are the same as standard entry Commerce above.	No prior study in a particular course is required	
Commerce – Online <ul style="list-style-type: none"> • Accounting • Business Law • Finance • Management • Marketing • Taxation 	No prior study in a particular course is required	Finance: Mathematics Applications
Communications	No prior study in a particular course is required	

COURSE	PREREQUISITES	DESIRABLE
Computer Systems and Networking	Mathematics Applications ATAR	Mathematics Methods ATAR or Mathematics Specialist ATAR
Computer Systems and Networking/ Information Technology (<i>double degree</i>)	Mathematics Applications ATAR	Mathematics Methods ATAR or Mathematics Specialist ATAR
Bachelor of Computing		
Cyber Security	Mathematics Methods ATAR	
Computer Science	Mathematics Methods ATAR	
Software Engineering	Mathematics Applications ATAR	Mathematics Methods ATAR
Construction Management	Mathematics Applications ATAR	Mathematics Methods ATAR or Mathematics Specialist ATAR
Bachelor of Creative Arts		
Fine Art	No prior study in a particular course is required	
Fine Art (Portfolio entry)	No prior study in a particular course is required	
Screen Arts	No prior study in a particular course is required	
Screen Arts (Portfolio entry)	No prior study in a particular course is required	
Theatre Arts	No prior study in a particular course is required	Drama ATAR
Theatre Arts (Portfolio entry)	No prior study in a particular course is required	Drama ATAR
Bachelor of Design		
Advertising and Design	No prior study in a particular course is required	Design ATAR
Advertising and Design (Portfolio Entry)	No prior study in a particular course is required	Design ATAR
Animation and Game Design	No prior study in a particular course is required	Design ATAR
Animation and Game Design (Portfolio Entry)	No prior study in a particular course is required	Design ATAR
Design Innovation and Fabrication	No prior study in a particular course is required	Design ATAR
Design Innovation and Fabrication (Portfolio Entry)	No prior study in a particular course is required	Design ATAR
Digital Experience and Interaction Design	No prior study in a particular course is required	Design ATAR
Digital Experience and Interaction Design (Portfolio Entry)	No prior study in a particular course is required	Design ATAR
Fashion Design	No prior study in a particular course is required	Design ATAR
Fashion Design (Portfolio entry)	No prior study in a particular course is required	Design ATAR
Graphic Design	No prior study in a particular course is required	Design ATAR
Graphic Design (Portfolio entry)	No prior study in a particular course is required	Design ATAR
Photography	No prior study in a particular course is required	Design ATAR
Photography (Portfolio entry)	No prior study in a particular course is required	Design ATAR
Bachelor of Education		
Early Childhood Education	No prior study in a particular course is required	Mathematics Applications ATAR
Primary Education	No prior study in a particular course is required	Mathematics Applications ATAR
Primary Education (Portfolio entry)	No prior study in a particular course is required	Mathematics Applications ATAR
Secondary Education - The Arts Education in Drama	No prior study in a particular subject is required	Mathematics Applications ATAR
Secondary Education - The Arts Education in Media and Production Analysis	No prior study in a particular subject is required	Mathematics Applications ATAR
Secondary Education - The Arts Education in Visual Arts	No prior study in a particular subject is required	Mathematics Applications ATAR
Secondary Education - English Education	No prior study in a particular subject is required	Mathematics Applications ATAR
Secondary Education - Humanities and Social Sciences Education in Economics	No prior study in a particular subject is required	Mathematics Applications ATAR

COURSE	PREREQUISITES	DESIRABLE
Secondary Education - Humanities and Social Sciences Education in Geography	No prior study in a particular subject is required	Mathematics Applications ATAR
Secondary Education - Humanities and Social Sciences Education in History	No prior study in a particular subject is required	Mathematics Applications ATAR
Secondary Education - Humanities & Social Sciences Education in Politics & Law	No prior study in a particular subject is required	Mathematics Applications ATAR
Secondary Education - Mathematics Education	Mathematics Methods ATAR	Mathematics Specialist ATAR
Secondary Education - Science Education in Biology	Mathematics Applications ATAR	One Science ATAR course ⁴
Secondary Education - Science Education in Chemistry	Mathematics Methods ATAR and Chemistry ATAR	Physics ATAR and Mathematics Methods ATAR
Secondary Education - Science Education in Health and Physical Education	No prior study in a particular subject is required	Mathematics Applications ATAR
Secondary Education - Science Education in Human Biology	No prior study in a particular course is required	Chemistry ATAR, Mathematics Applications ATAR and Human Biology ATAR or Biology ATAR
Secondary Education - Science Education in Physics	Mathematics Methods ATAR and Physics ATAR	Mathematics Specialist ATAR and Chemistry ATAR
Secondary Education - Science Education in Psychology	No prior study in a particular course is required	Mathematics Applications ATAR and one Science ATAR course ⁴
Educational Studies	No prior study in a particular course is required	At least Mathematics Applications ATAR
Engineering (Honours) <ul style="list-style-type: none"> • Chemical • Civil and Construction • Electrical and Electronic • Industrial and Systems Engineering • Mechanical • Mechatronic • Metallurgical • Mining • Petroleum 	Mathematics Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR or Engineering Studies ATAR	Mathematics Specialist ATAR
Engineering/Commerce (<i>double degree</i>) <ul style="list-style-type: none"> • Chemical • Civil and Construction • Mechanical • Metallurgical • Mining 	Mathematics Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR or Engineering Studies ATAR	Mathematics Specialist ATAR
Bachelor of Engineering/Bachelor of Science (<i>double degree</i>)		
Chemical Engineering/Chemistry (<i>double degree</i>)	Mathematics Methods ATAR and Chemistry ATAR, and at least one of the following courses: Physics ATAR or Engineering Studies ATAR	Mathematics Specialist ATAR
Chemical Engineering/Extractive Metallurgy (<i>double degree</i>)	Mathematics Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR or Engineering Studies ATAR	Mathematics Specialist ATAR
Electrical and Electronic Engineering/Computer Science (<i>double degree</i>)	Mathematics Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR or Engineering Studies ATAR	Mathematics Specialist ATAR
Electrical and Electronic Engineering/Data Science (<i>double degree</i>)	Mathematics Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR or Engineering Studies ATAR	Mathematics Specialist ATAR
Electrical and Electronic Engineering /Physics (<i>double degree</i>)	Mathematics Methods ATAR and Physics ATAR	Mathematics Specialist ATAR
Mechatronic Engineering/Computer Science (<i>double degree</i>)	Mathematics Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR or Engineering Studies ATAR	Mathematics Specialist ATAR
Civil and Construction Engineering/Mining (<i>double degree</i>)	Mathematics Methods ATAR and at least one of the following courses: Physics ATAR,	Mathematics Specialist ATAR

COURSE	PREREQUISITES	DESIRABLE
	Chemistry ATAR or Engineering Studies ATAR	
Exercise and Sport Science	No prior study in a particular course is required	Physical Education Studies ATAR, Mathematics Applications ATAR and Human Biology ATAR
Health Promotion	No prior study in a particular course is required	One Science ATAR course ¹
Health Promotion/Health and Safety (<i>double degree</i>)	No prior study in a particular course is required	One Science ATAR course ¹
Health Sciences	No prior study in a particular course is required	One Science ATAR course ¹
Health Sciences (Portfolio Entry)	No prior study in a particular course is required	One Science ATAR course ¹
Health, Safety and Environment	No prior study in a particular course is required	One Science ATAR course ¹
Information Technology	Mathematics Applications ATAR	Mathematics Methods ATAR
Information Technology (Portfolio Entry)	Mathematics Applications ATAR	Mathematics Methods ATAR
Interior Architecture	No prior study in a particular course is required	
Interior Architecture (Portfolio Entry)	No prior study in a particular course is required	
Laboratory Medicine	No prior study in a particular course is required	Mathematics Applications ATAR, Chemistry ATAR, and Human Biology ATAR or Biology ATAR
Law	No prior study in a particular course is required	
Law/Arts (<i>double degree</i>)	No prior study in a particular course is required	
Law/Commerce (<i>double degree</i>)	No prior study in a particular course is required	Mathematics Applications ATAR
Law/Psychology (LLB/BSc) (<i>double degree</i>)	No prior study in a particular course is required	Mathematics Methods ATAR
Bachelor of Science (Medical Radiation Science)		
Medical Imaging	Physics ATAR and Mathematics Methods ATAR	Mathematics Specialist ATAR
Radiation Therapy	Physics ATAR and Mathematics Methods ATAR	Mathematics Specialist ATAR
Medicine/Surgery	Chemistry ATAR To be eligible to participate in the selection process all applicants are required to undertake the University Clinical Aptitude Test (UCAT). Applicants will be selected for interview based on their UCAT score and predicted ATAR.	One of the following courses: Mathematics Applications ATAR, Mathematics Methods ATAR, Mathematics Specialist ATAR
Multidisciplinary Science	No prior study in a particular course is required	Mathematics Applications ATAR
Multidisciplinary Science (Portfolio Entry)	No prior study in a particular course is required	Mathematics Applications ATAR
Nursing	No prior study in a particular course is required	Human Biology ATAR and Integrated Science ATAR
Nutrition and Food Science	One science course from the following list: Biology ATAR, Chemistry ATAR, Human Biology ATAR, Integrated Science ATAR or Physics ATAR	Chemistry ATAR, Mathematics Applications ATAR
Nutrition/Health Promotion (<i>double degree</i>)	One science course from the following list: Biology ATAR, Chemistry ATAR, Human Biology ATAR, Integrated Science ATAR or Physics ATAR	Chemistry ATAR, Mathematics Applications ATAR
Occupational Therapy (Honours)	Physical Education Studies ATAR or one Science ATAR course ¹	Human Biology ATAR, Physics ATAR, at least Mathematics Applications ATAR
Oral Health Therapy	No prior study in a particular course is required	Human Biology ATAR or Biology ATAR
Paramedicine	In order to enrol in this course, students need to have received a conditional letter of employment from St. John Western Australia as a Student Ambulance Officer. No prior study in a particular course is required. Applicants are required to meet University academic and English course entry requirements. To be successful in the St John Western Australia recruitment process you will need to be a permanent resident or citizen of Australia with permanent on-going working	Integrated Science ATAR and Human Biology ATAR

COURSE	PREREQUISITES	DESIRABLE
	rights, meet academic, personal and physical requirements and have a full unrestricted 'C' or 'CA' class driver's license (with a good driving history with no more than six demerit points at time of application or serious convictions within the last four years). Please note applications for this course are not available through TISC. Applicants who have received a conditional letter of pre-employment from St. John Western Australia (SJWA) as a Student Ambulance Officer will be contacted by Curtin University Admissions Office via email.	
Pharmacy (Honours)	Chemistry ATAR and Mathematics Applications ATAR	Human Biology ATAR or Biology ATAR
Physiotherapy	One science course ¹	Mathematics Applications ATAR, Physical Education Studies ATAR, and Health Studies ATAR
Psychology (<i>BPpsych</i>)	No prior study in a particular course is required	Mathematics Applications ATAR, one of the Science courses ¹
Psychology and Human Resource Management (<i>BSc(Psych/HRM)</i>)	No prior study in a particular course is required	Mathematics Applications ATAR
Psychology and Human Resource Management and Industrial Relations (<i>BSc(Psych/HRM/IR)</i>)	No prior study in a particular course is required	Mathematics Applications ATAR
Psychology/Marketing (<i>BSc/BCom(double degree)</i>)	No prior study in a particular course is required	Mathematics Applications ATAR
Bachelor of Science		
Agriculture Science	Mathematics Applications ATAR	
Applied Geology	Mathematics Applications ATAR	
Applied Geology (Portfolio Entry)	Mathematics Applications ATAR	
Biochemistry	Mathematics Applications ATAR and Chemistry ATAR	Mathematics Methods ATAR, Biology ATAR and Human Biology ATAR
Chemistry	Mathematics Applications ATAR and Chemistry ATAR	Mathematics Methods ATAR, Mathematics Specialist ATAR, Physics ATAR or Biology ATAR
Coastal and Marine Science	Mathematics Applications ATAR	One Science ATAR course ³
Data Science	Mathematics Methods ATAR	Mathematics Specialist ATAR
Earth Science	Mathematics Applications ATAR	
Environmental Science	Mathematics Applications ATAR	Chemistry ATAR or Biology ATAR
Environmental Science (Portfolio Entry)	Mathematics Applications ATAR	Chemistry ATAR or Biology ATAR
Extractive Metallurgy	Mathematics Applications ATAR	Chemistry ATAR or Physics ATAR
Food Science	Mathematics Applications ATAR	Chemistry ATAR
Information and Communication Technology	Mathematics Applications ATAR	
Mathematics	Mathematics Methods ATAR	Mathematics Specialist ATAR
Mining	Mathematics Applications ATAR and Chemistry ATAR or Physics ATAR	
Physics	Mathematics Methods ATAR and Physics ATAR	Chemistry ATAR and Mathematics Specialist ATAR
Bachelor of Science/Bachelor of Arts (<i>double degree</i>)		
Chemistry/Arts (<i>double degree</i>)	Mathematics Applications ATAR and Chemistry ATAR	Mathematics Methods ATAR and Physics ATAR
Coastal and Marine Science/Arts (<i>double degree</i>)	Mathematics Applications ATAR and one Science ATAR course ³	
Data Science/Arts (<i>double degree</i>)	Mathematics Methods ATAR	
Environmental Biology/Arts (<i>double degree</i>)	Mathematics Applications ATAR and one Science ATAR course ³	

COURSE	PREREQUISITES	DESIRABLE
Mathematics/Arts (<i>double degree</i>)	Mathematics Methods ATAR	Mathematics Specialist ATAR
Physics/Arts (<i>double degree</i>)	Mathematics Methods ATAR and Physics ATAR	Mathematics Specialist ATAR and Chemistry ATAR
Bachelor of Science/Bachelor of Commerce (<i>double degree</i>)		
Chemistry/Commerce (<i>double degree</i>)	Mathematics Applications ATAR and Chemistry ATAR	Mathematics Methods ATAR and Physics ATAR
Coastal and Marine Science/Commerce (<i>double degree</i>)	Mathematics Applications ATAR and one Science ATAR course ³	
Data Science/Commerce (<i>double degree</i>)	Mathematics Methods ATAR	
Environmental Biology/Commerce (<i>double degree</i>)	Mathematics Applications ATAR and one Science ATAR course ³	
Mathematics/Commerce (<i>double degree</i>)	Mathematics Methods ATAR	Mathematics Specialist ATAR
Physics/Commerce (<i>double degree</i>)	Mathematics Methods ATAR and Physics ATAR	Mathematics Specialist ATAR and Chemistry ATAR
Social Work	No prior study in a particular course is required	
Speech Pathology (Honours)	One science course ¹	Mathematics Applications ATAR
Surveying (Honours)	Mathematics Applications ATAR	Mathematics Methods ATAR
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	No prior study in a particular course is required	

The following are the prerequisites which apply for entry to ECU courses (or specific major(s) within a course). To satisfy the prerequisite requirements, a minimum scaled score of 50 or more in the ATAR course is required. Additional non-Year 12 requirements are also outlined.

Applicants for all Western Australian Academy of Performing Arts (WAAPA) courses including Bachelor of Education (Secondary) – Music Education major, are required to attend an interview or audition and to apply direct to ECU. Other course prerequisites may apply, and applicants should review the course entry requirement for their chosen course at ecuworldready.com.au.

* indicates the course is highly competitive with limited places and satisfying minimum entry requirements does not guarantee a place in the course.

COURSE	PREREQUISITES	DESIRABLE
Bachelor of Arts	No prior study in a particular course is required	
Bachelor of Arts / Bachelor of Commerce (double degree)	No prior study in a particular course is required	
Bachelor of Arts / Bachelor of Media and Communications (double degree)	No prior study in a particular course is required	
Bachelor of Arts / Bachelor of Science (double degree) <ul style="list-style-type: none"> Chemistry Data Science Mathematics Physics 	<ul style="list-style-type: none"> Chemistry ATAR or equivalent A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalent Mathematics Methods ATAR or equivalent Physics ATAR and Mathematics Methods ATAR or equivalents 	
Diploma in Aviation	No prior study in a particular course is required	
Bachelor of Aviation	No prior study in a particular course is required	
Bachelor of Biomedical Science <i>Data Science</i>	A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalent	
Bachelor of Commerce	No prior study in a particular course is required	
Bachelor of Commerce (Human Resource Management) / Bachelor of Psychology	No prior study in a particular course is required	
Bachelor of Computer Science	No prior study in a particular course is required	
Bachelor of Counselling	No prior study in a particular course is required	
Bachelor of Counter Terrorism, Security and Intelligence <i>Data Science</i>	A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalent	
Associate Degree in Criminology and Justice	No prior study in a particular course is required	
Bachelor of Criminology and Justice	No prior study in a particular course is required	
Bachelor of Cyber Security	No prior study in a particular course is required	
Bachelor of Cybercrime, Security and Intelligence*	No prior study in a particular course is required	
Bachelor of Design	No prior study in a particular course is required	
Bachelor of Education (Early Childhood Studies)	Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.	
Bachelor of Education (Primary)	Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.	

COURSE	PREREQUISITES	DESIRABLE
Bachelor of Education (Secondary) <ul style="list-style-type: none"> Biological Science Education 	<ul style="list-style-type: none"> Biology ATAR, or Chemistry ATAR, or Earth and Environmental Science ATAR, or Human Biology ATAR, or Integrated Science ATAR or Physics ATAR or equivalents <p>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</p>	
Bachelor of Education (Secondary) <ul style="list-style-type: none"> Chemistry Education 	<p>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</p>	Chemistry ATAR or equivalent
Bachelor of Education (Secondary) <ul style="list-style-type: none"> Design and Technology Education Drama Education English Education Health and Physical Education Home Economics Education Humanities and Social Science Education* Visual Arts Education 	<p>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</p>	
Bachelor of Education (Secondary) <ul style="list-style-type: none"> Mathematics Education 	<ul style="list-style-type: none"> Mathematics Methods ATAR or equivalent <p>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</p>	Mathematics Specialist ATAR or equivalent
Bachelor of Education (Secondary) <ul style="list-style-type: none"> Physics Education 	<ul style="list-style-type: none"> Physics ATAR or equivalent <p>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</p>	
Bachelor of Engineering Honours <ul style="list-style-type: none"> Civil Civil and Environmental Computer Systems Electrical Power Electrical and Renewable Energy Electronics and Communications Instrumentation Control and Automation Maritime Mechanical Mechatronics Petroleum Engineering 	<p>For all Engineering Degrees listed: Mathematics Methods ATAR and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics Specialist ATAR or equivalents</p>	Physics ATAR or Engineering Studies or equivalent
Engineering Honours double degrees <ul style="list-style-type: none"> Bachelor of Engineering (Honours) / Bachelor of Commerce Bachelor of Engineering (Computer Systems) (Honours) / Bachelor of Computer Science Bachelor of Engineering (Mechatronics) (Honours) / Bachelor of Technology (Motorsports) Bachelor of Engineering (Honours) / Bachelor of Laws Bachelor of Engineering (Honours) / Bachelor of Science 	<p>For all Engineering Degrees listed: Mathematics Methods ATAR and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics Specialist ATAR or equivalents. Science majors may have their own prerequisite requirements – check entries under Science.</p>	Physics ATAR or Engineering Studies or equivalent
Bachelor of Engineering (Chemical) Honours	<p>Mathematics Methods ATAR and Chemistry ATAR and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics Specialist ATAR or equivalents</p>	Physics ATAR or Engineering Studies or equivalent
Bachelor of Engineering Science	<p>Mathematics Methods ATAR and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics Specialist ATAR or equivalents</p>	Physics ATAR or Engineering Studies or equivalent
Diploma in Environmental Health	No prior study in a particular course is required	
Bachelor of Environmental Science*	No prior study in a particular course is required	

COURSE	PREREQUISITES	DESIRABLE
Bachelor of Exercise and Sports Science	No prior study in a particular course is required	
Bachelor of Exercise Science and Rehabilitation	No prior study in a particular course is required	
Bachelor of Global Media and Communications*	No prior study in a particular course is required	
Bachelor of Health Science	No prior study in a particular course is required	
Bachelor of Hospitality and Tourism Management	No prior study in a particular course is required	
Bachelor of Information Technology	No prior study in a particular course is required	
Bachelor of International Exercise and Sport Science*	No prior study in a particular course is required	
Bachelor of Laws	No prior study in a particular course is required	
Bachelor of Laws / Bachelor of Commerce (<i>double degree</i>)	No prior study in a particular course is required	
Bachelor of Laws / Bachelor of Criminology and Justice (<i>double degree</i>)	No prior study in a particular course is required	
Bachelor of Laws / Bachelor of Psychology (<i>double degree</i>)	No prior study in a particular course is required	
Bachelor of Marketing, Advertising and Public Relations	No prior study in a particular course is required	
Bachelor of Media and Communications	No prior study in a particular course is required	
Bachelor of Medical Sonography	No prior study in a particular course is required	
Bachelor of (Science) Nursing - Registered Nursing*	No prior study in a particular course is required	Science related course at ATAR or General level
Bachelor of Science (Nursing) / Bachelor of Science (Midwifery) (<i>double degree</i>)*	No prior study in a particular course is required	
Bachelor of Occupational Therapy*	No prior study in a particular course is required	
Bachelor of Science (Paramedical Science)*	No prior study in a particular course is required	
Bachelor of Psychology	No prior study in a particular course is required	
Bachelor of Psychology and Counselling	No prior study in a particular course is required	
Bachelor of Psychology, Criminology and Justice	No prior study in a particular course is required	
Science <ul style="list-style-type: none"> • Chemistry • Data Science • Mathematics • Physics 	Applicants must satisfy the prerequisites for specific major(s) as noted below: <ul style="list-style-type: none"> • Chemistry ATAR or equivalent • A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalent • Mathematics Methods ATAR or Mathematics Specialist ATAR or equivalents • Physics ATAR and Mathematics Methods ATAR or equivalents 	
Science / Commerce (<i>double degree</i>) <ul style="list-style-type: none"> • Chemistry • Data Science • Mathematics • Physics 	Applicants must satisfy the prerequisites for specific major(s) as noted below: <ul style="list-style-type: none"> • Chemistry ATAR or equivalent • A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalent • Mathematics Methods ATAR or Mathematics Specialist ATAR or equivalents • Physics ATAR and Mathematics Methods ATAR or equivalents 	
Bachelor of Science (Exercise & Sports Science) / Bachelor of Commerce (Sport Business) (<i>double degree</i>)	No prior study in a particular course is required	
Bachelor of Social Science	No prior study in a particular course is required	
Bachelor of Social Work	No prior study in a particular course is required	

COURSE	PREREQUISITES	DESIRABLE
Bachelor of Sonography	No prior study in a particular course is required	
Bachelor of Speech Pathology*	No prior study in a particular course is required	
Associate Degree of Sport, Recreation and Event Management	No prior study in a particular course is required	
Bachelor of Sport, Recreation and Event Management	No prior study in a particular course is required	
Bachelor of Technology (Aeronautical)		Mathematics Methods ATAR and Physics ATAR or Engineering Studies ATAR or equivalents
Bachelor of Technology (Engineering)		Mathematics Methods ATAR or equivalent
Bachelor of Technology (Motorsports)		Mathematics Methods ATAR and Physics ATAR or Engineering Studies ATAR or equivalents
University Preparation Course	No prior study in a particular course is required	
Bachelor of Youth Work	No prior study in a particular course is required	

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 courses at Year 12 level. We do list some recommended ATAR 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.

COURSE	RECOMMENDED
Bachelor of Arts	
Community Development	No specific courses
English and Creative Writing	No specific courses
Global Challenges	No specific courses
Global Politics and Policy	No specific courses
History	No specific courses
International Aid and Development	No specific courses
Japanese	No specific courses
Philosophy	No specific courses
Psychology	No specific courses
Sociology	No specific courses
Sustainable Development	No specific courses
Tourism and Events	No specific courses
Bachelor of Business	
Accounting	Mathematics Applications ATAR
Business Law	No specific courses
Entrepreneurship and Innovation	No specific courses
Finance	Mathematics Applications ATAR
Global Business and Politics	No specific courses
Hospitality and Tourism Management	Mathematics Applications ATAR
Human Resource Management	No specific courses
International Business	No specific courses
Management	No specific courses
Marketing	No specific courses
Bachelor of Business/Bachelor of Entrepreneurship and Innovation (combined degree)	No specific courses
Bachelor of Business/Bachelor of Agricultural Science (combined degree)	Mathematics Applications, Chemistry ATAR
Bachelor of Communication	
Global Media and Communication	No specific courses
Journalism	No specific courses
Strategic Communication	No specific courses
Web Communication	No specific courses
Bachelor of Creative Media	
Games Art and Design	Visual Arts ATAR
Graphic Design	Visual Arts ATAR
Photography	No specific courses
Screen Production	No specific courses
Sound	No specific courses
Bachelor of Creative Media/Bachelor of Communication (combined degree)	No specific courses
Bachelor of Criminology	
Crime Science	No specific courses
Criminal Behaviour	No specific courses
Legal Studies (pathway to ATAR 90 Law courses)	No specific courses
White Collar and Corporate Crime	No specific courses
Bachelor of Criminology/Bachelor of Arts (Psychology) (combined degree)	No specific courses

COURSE	RECOMMENDED
Bachelor of Criminology/Bachelor of Communication (combined degree)	No specific courses
Bachelor of Criminology/Bachelor of Global Security (combined degree)	No specific courses
Bachelor of Criminology/ Bachelor of Science (combined degree)	No specific courses
Bachelor of Data Analytics in Business Intelligence	No specific courses
Bachelor of Digital Media and Communication	No specific courses
Bachelor of Education	
Early Childhood and Primary Teaching	No specific courses
Primary Teaching	No specific courses
Primary, 1-10 Health and Physical Education	No specific courses
Bachelor of Education in Secondary Teaching	
Advanced Mathematics	Mathematics Methods ATAR, Mathematics Specialist ATAR
Biology and Environmental Science	Biology ATAR, Mathematics Applications ATAR, Chemistry ATAR
Biology and Human Biology	Human Biology ATAR, Biology ATAR
Chemistry	Chemistry ATAR
Earth and Environmental Science	Mathematics Applications ATAR, Chemistry ATAR
English	English ATAR
Geography/Business & Enterprise (HASS)	Geography ATAR, Economics ATAR
Health & Physical Education	Physical Education Studies ATAR, Human Biology ATAR
History (HASS)	History ATAR
Mathematics	Mathematics Methods ATAR, Mathematics Specialist ATAR
Physics	Physics ATAR
Politics (HASS)	Politics ATAR
Bachelor of Engineering Technology	Mathematics Methods ATAR ⁴ , Mathematics Specialist ATAR Physics ATAR
Bachelor of Global Security	
Global Politics and Policy	No specific courses
Terrorism and Counterterrorism Studies	No specific courses
Environment, Conflict and Security	No specific courses
Bachelor of Information Technology and Business	Mathematics Applications ATAR
Bachelor of Information Technology	
Artificial Intelligence and Autonomous Systems	Mathematics Applications ATAR
Business Information Systems	Mathematics Applications ATAR
Computer Science	Mathematics Applications ATAR
Cyber Security and Forensics	Mathematics Applications ATAR
Games Technology	Mathematics Applications ATAR
Internetworking and Network Security	Mathematics Applications ATAR
Bachelor of Laws	
Law	No specific courses
Law/Arts (combined degree)	No specific courses
Law/Arts (Psychology) (combined degree)	No specific courses
Law/Business (combined degree)	No specific courses
Law/Communication (combined degree)	No specific courses
Law/Criminology (combined degree)	No specific courses
Law/Global Security (combined degree)	No specific courses
Law/Information Technology (combined degree)	No specific courses
Law/Science (combined degree)	No specific courses
Law/Science (Psychology) (combined degree)	No specific courses
Sciences	
Agricultural Sciences (BSc)	
Animal Health	Mathematics Methods ATAR, Chemistry ATAR, Biology ATAR
Animal Science	Mathematics Methods ATAR, Chemistry ATAR, Biology ATAR

COURSE	RECOMMENDED
Crop and Pasture Science	Chemistry ATAR, Mathematics Applications ATAR
Veterinary Science	
Veterinary Science BSc (<i>Veterinary Biology</i>) which progresses into an integrated DVM (<i>Doctor of Veterinary Medicine</i>)	Mathematics Methods ATAR, Chemistry ATAR, Physics ATAR, Biology ATAR
Environmental and Conservation Science (BSc)	
Conservation and Wildlife Biology	Mathematics Applications ATAR, Chemistry ATAR
Environmental Science & Management	Mathematics Applications ATAR, Chemistry ATAR
Marine Biology	Mathematics Applications ATAR, Chemistry ATAR
Health	
Chiropractic Science & Clinical Chiropractic (BSc+BClinChiro)	Mathematics Applications ATAR, Chemistry ATAR, Physics ATAR, Human Biology ATAR, Biology ATAR
Food Science and Nutrition	Mathematics Applications ATAR, Chemistry ATAR, Biology ATAR
Nursing	Mathematics Applications ATAR, Chemistry ATAR, Human Biology ATAR
Psychology (BSc)	Mathematics Methods ATAR
Sport and Exercise Science	Physical Education Studies ATAR, Human Biology ATAR
Sport and Exercise Science/Master of Clinical Exercise Physiology	Physical Education Studies ATAR, Human Biology ATAR
Sport and Exercise Science/Science (Psychology) (combined degree)	Mathematics Methods ATAR, Human Biology ATAR, Physical Education studies ATAR.
Medical, Molecular and Forensic Sciences	
Biomedical Science	Mathematics Applications ATAR, Chemistry ATAR, Human Biology ATAR, Biology ATAR
Clinical Laboratory Science	Chemistry ATAR, Mathematics Applications ATAR, Biology or Human Biology ATAR
Forensic Biology and Toxicology	Mathematics Applications ATAR, Chemistry ATAR
Genetics and Molecular Biology	Mathematics Applications ATAR, Chemistry ATAR, Biology ATAR or Human Biology ATAR
Laboratory Medicine	Chemistry ATAR, Mathematics Applications ATAR, Biology or Human Biology ATAR
Enabling courses	
OnTrack Enabling course	Completion of Year 11 and 12 with a B or higher in English General or a D or higher in an English ATAR course or Certificate III or higher. 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.

THE UNIVERSITY OF NOTRE DAME AUSTRALIA

The following list outlines the desirable subjects for The University of Notre Dame Australia courses (or specific major(s) within a course) that may assist with studies in that discipline. There are no prerequisite subjects for any course at The University of Notre Dame Australia. Additional non-Year 12 requirements are also outlined. Note that for entry to all courses you must fulfil the University's requirements on English competence.

COURSE	DESIRABLE
ARTS AND SCIENCES	
Bachelor of Arts <u>Majors:</u> <i>Archaeology</i> <i>Behavioural Sciences</i> <i>English Literature</i> <i>Environmental Management</i> <i>History</i> <i>Journalism</i> <i>Mathematics</i> <i>Philosophy</i> <i>Politics and International Relations</i> <i>Screen Arts</i> <i>Social Justice</i> <i>Theology</i>	No specific subject recommended Psychology ATAR English ATAR or Literature ATAR Earth and Environmental Science ATAR Modern History ATAR or Ancient History ATAR Media Production and Analysis ATAR Mathematics ATAR subject Philosophy and Ethics ATAR Politics and Law ATAR No specific subject recommended No specific subject recommended Religion and Life ATAR
Bachelor of Arts (Architecture)	No specific subject recommended
Bachelor of Arts/Bachelor of Behavioural Science (<i>double degree</i>)	Psychology ATAR and/or ATAR subject in preferred Notre Dame Bachelor of Arts major discipline area
Bachelor of Arts (Politics and Journalism)	Politics & Law ATAR
Bachelor of Arts (Politics and Journalism)/ Bachelor of Behavioural Science (<i>double degree</i>)	Psychology ATAR and/or Politics & Law ATAR
Bachelor of Behavioural Science	Psychology ATAR
Bachelor of Communications and Media	Media Production & Analysis ATAR
Bachelor of Communications and Media/Bachelor of Arts (<i>double degree</i>)	Media Production & Analysis and/or ATAR subject in preferred Notre Dame Bachelor of Arts Major discipline area
Bachelor of Communications and Media/Bachelor of Behavioural Science (<i>double degree</i>)	Media Production & Analysis ATAR and/or Psychology ATAR
Bachelor of Counselling	Psychology ATAR <i>Applicants must also satisfy non-academic requirements by completing a personal statement outlining their motivations and demonstrating suitability to study counselling as per accreditation requirements (including self-awareness, capacity to relate to others and an understanding of ethical behaviour).</i>
Bachelor of Science	Science ATAR subject
Bachelor of Science/Bachelor of Arts (<i>double degree</i>)	Science ATAR subject and/or ATAR subject in preferred Notre Dame Bachelor of Arts Major discipline area
Bachelor of Science/Bachelor of Behavioural Science (<i>double degree</i>)	Science ATAR subject and/or Psychology ATAR
BUSINESS	
Bachelor of Business Administration	No specific subject recommended
Bachelor of Commerce <u>Majors:</u> <i>Accounting</i> <i>Economics</i> <i>Finance</i> <i>Human Resource Management</i> <i>Management</i> <i>Marketing</i> <i>Public Relations</i> <i>Sport and Recreation Management</i>	No specific subject recommended
Bachelor of Commerce/Bachelor of Arts (<i>double degree</i>)	No specific subject recommended
Bachelor of Commerce/Bachelor of Behavioural Science (<i>double degree</i>)	No specific subject recommended
Bachelor of Commerce/Bachelor of Communications and Media (<i>double degree</i>)	No specific subject recommended
Bachelor of Commerce/Bachelor of Science (<i>double degree</i>)	No specific subject recommended
Bachelor of Commerce/Bachelor of Sport and Recreation Management (<i>double degree</i>)	No specific subject recommended
Bachelor of Human Resource Management	No specific subject recommended
Bachelor of Human Resource Management/Bachelor of Arts (<i>double degree</i>)	No specific subject recommended

COURSE	DESIRABLE
Bachelor of Human Resource Management/Bachelor of Behavioural Science (<i>double degree</i>)	No specific subject recommended
Bachelor of Marketing and Public Relations	No specific subject recommended
Bachelor of Marketing and Public Relations/Bachelor of Arts (<i>double degree</i>)	No specific subject recommended
Bachelor of Marketing and Public Relations/Bachelor of Behavioural Science (<i>double degree</i>)	No specific subject recommended
Bachelor of Marketing and Public Relations/Bachelor of Communications and Media (<i>double degree</i>)	No specific subject recommended
Bachelor of Sport and Recreation Management	No specific subject recommended
Bachelor of Sport and Recreation Management/Bachelor of Communications and Media (<i>double degree</i>)	No specific subject recommended
LAW	
Bachelor of Laws	No specific subject recommended
Bachelor of Laws/Bachelor of Arts (<i>double degree</i>)	No specific subject recommended
Bachelor of Laws/Politics and Journalism (<i>double degree</i>)	No specific subject recommended
Bachelor of Laws/Bachelor of Behavioural Science (<i>double degree</i>)	No specific subject recommended
Bachelor of Laws/Bachelor of Biomedical Science (<i>double degree</i>)	No specific subject recommended
Bachelor of Laws/Bachelor of Commerce (<i>double degree</i>)	No specific subject recommended
Bachelor of Laws/Bachelor of Communications and Media (<i>double degree</i>)	No specific subject recommended
Bachelor of Laws/Bachelor of Human Resource Management (<i>double degree</i>)	No specific subject recommended
Bachelor of Laws/Bachelor of Marketing and Public Relations (<i>double degree</i>)	No specific subject recommended
Bachelor of Laws/Bachelor of Philosophy (<i>double degree</i>)	No specific subject recommended
Bachelor of Laws/Bachelor of Science (<i>double degree</i>)	No specific subject recommended
NURSING	
Bachelor of Nursing	Recommended to be a competitive candidate: Human Biology ATAR and/or Mathematics Applications ATAR
HEALTH SCIENCES	
Bachelor of Biomedical Science	Mathematics Applications ATAR, or Chemistry ATAR, or Human Biology ATAR, or Biology ATAR
Bachelor of Biomedical Science/Bachelor of Commerce (<i>double degree</i>)	Mathematics Applications ATAR, or Chemistry ATAR, or Human Biology ATAR, or Biology ATAR
Bachelor of Biomedical Science/Bachelor of Health Promotion (<i>double degree</i>)	Mathematics Applications ATAR, or Chemistry ATAR, or Human Biology ATAR, or Biology ATAR
Bachelor of Exercise and Sport Science	Physical Education Studies ATAR and/or Human Biology ATAR
Bachelor of Health and Physical Education (Primary)	Physical Education Studies ATAR and/or Human Biology ATAR
Bachelor of Health and Physical Education (Secondary)	Physical Education Studies ATAR and/or Human Biology ATAR
Bachelor of Health Promotion	Human Biology ATAR and/or Business Management and Enterprise ATAR
Bachelor of Outdoor Recreation	Physical Education Studies ATAR, or Outdoor Education ATAR and/or Human Biology ATAR
PHYSIOTHERAPY	
Bachelor of Physiotherapy	Mathematics Specialist ATAR, or Mathematics Methods ATAR, Human Biology ATAR, Physics ATAR or Chemistry ATAR
Bachelor of Physiotherapy/Bachelor of Exercise and Sport Science (<i>double degree</i>)	Biology ATAR, Physical Education Studies ATAR or Mathematics Applications ATAR
EDUCATION	
Bachelor of Education (Early Childhood and Care: 0-8 Years)	Mathematics ATAR subject <i>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</i>

COURSE	DESIRABLE
Bachelor of Education (Early Childhood and Care)/Bachelor of Arts (<i>double degree</i>)	Mathematics ATAR subject <i>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</i>
Bachelor of Education (Early Childhood and Care)/Bachelor of Behavioural Science (<i>double degree</i>)	Mathematics ATAR subject <i>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</i>
Bachelor of Education (Early Childhood and Care)/Bachelor of Science (<i>double degree</i>)	Mathematics ATAR subject <i>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</i>
Bachelor of Education (Primary) ¹	Mathematics ATAR subject <i>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</i>
Bachelor of Education (Primary)/Bachelor of Arts (<i>double degree</i>)	Mathematics ATAR subject <i>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</i>
Bachelor of Education (Primary)/Bachelor of Behavioural Science (<i>double degree</i>)	Mathematics ATAR subject <i>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</i>
Bachelor of Education (Primary)/Bachelor of Science (<i>double degree</i>)	Mathematics ATAR subject <i>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</i>
Bachelor of Education (Secondary)	Mathematics ATAR subject <i>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</i>
Bachelor of Education (Secondary)/Bachelor of Arts (<i>double degree</i>)	Mathematics ATAR subject <i>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</i>
Bachelor of Education (Secondary)/Bachelor of Behavioural Science (<i>double degree</i>)	Mathematics ATAR subject <i>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</i>
Bachelor of Education (Secondary)/Bachelor of Science (<i>double degree</i>)	Mathematics ATAR subject <i>Applicants for pre-service teacher education courses must satisfy non-academic criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.</i>
PHILOSOPHY AND THEOLOGY	
Bachelor of Philosophy	Philosophy and Ethics ATAR
Bachelor of Philosophy/Bachelor of Theology (<i>double degree</i>)	Philosophy and Ethics ATAR
Bachelor of Theology	Religion and Life ATAR and/or Philosophy and Ethics ATAR
Diploma of Theology	Religion and Life ATAR and/or Philosophy and Ethics ATAR
ENABLING PROGRAM	
Tertiary Pathway Program	No prior study in a particular course is required

THE UNIVERSITY OF WESTERN AUSTRALIA

The following list outlines the prerequisite and recommended ATAR courses for entry to UWA courses in 2025. To meet the prerequisite requirements, you'll need to achieve a scaled score of 50 or more in the ATAR course/s. Recommended ATAR courses provide valuable background that will assist you during your studies but do not affect selection into the course.

UWA believes that completing your ATAR studies is the best preparation for successful University study. However, if you don't have the required prerequisite ATAR courses or equivalent for your chosen major, you could still get an offer as long as you complete bridging units in the first year of your UWA course.

COURSE	PREREQUISITES	RECOMMENDED
AGRICULTURAL, ENVIRONMENTAL AND BIOLOGICAL SCIENCES		
Bachelor of Agribusiness		
Agribusiness and Agricultural Science (Extended Major)	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Bachelor of Agricultural Science		
Agricultural Science and Technology (Extended Major)	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year.	
Bachelor of Biological Science		
Biodiversity and Evolution (Extended Major)	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year.	
Plant Biology (Extended Major)	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year.	
Wildlife Conservation (Extended Major)	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Bachelor of Earth Science		
Geochemistry (Extended Major)	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year	
Integrated Earth and Marine Sciences (Extended Major)	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Bachelor of Environmental Science		
Environmental Science and Management (Extended Major)	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year	
Environmental Science and Ecology (Extended Major)	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year.	
Bachelor of Marine Science		
Marine Science (Extended Major)	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year.	
Bachelor of Molecular Sciences		
Molecular Life Sciences (Extended Major)	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year.	
Biochemistry of Nutrition (Extended Major)	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year.	

COURSE	PREREQUISITES	RECOMMENDED
Bachelor of Science		
Agribusiness	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Agricultural Science	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year.	
Agricultural Technology	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year.	
Botany	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	Chemistry ATAR
Conservation Biology	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	Chemistry ATAR
Environmental Management	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Environmental Science	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics and statistics units.Chemistry ATAR OR a chemistry unit taken in the first year	
Geographical Sciences	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Marine and Coastal Processes	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Marine Biology	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year	
Zoology	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	Chemistry ATAR
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisites and recommended subjects.		
COMBINED BACHELOR'S DEGREES		
Bachelor of Agribusiness/ Bachelor of Science	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Agricultural Science/Bachelor of Arts	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Agricultural Science/ Bachelor of Commerce	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Agricultural Science/Bachelor of Science	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Environmental Science/Bachelor of Arts	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Environmental Science/Bachelor of Commerce	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Environmental Science/Bachelor of Science	Refer to your chosen majors for prerequisites and recommended subjects.	
COMBINED BACHELOR'S AND MASTER'S DEGREES		
Bachelor of Agribusiness and Master of Agricultural Economics	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Agricultural Science and Master of Agricultural Science	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Biological Science and Master of Biological Science	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Biological Science and Master of Biotechnology	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Earth Sciences and Master of Geoscience	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Earth Sciences and Master of Oceanography	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Environmental Science and Master of Environmental Science	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Marine Science and Master of Environmental Science	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Marine Science and Master of Marine Biology	Refer to your chosen majors for prerequisites and recommended subjects.	

COURSE	PREREQUISITES	RECOMMENDED
ARCHITECTURE, DESIGN AND PLANNING		
Bachelor of Arts		
Human Geography and Planning	No previous study in a particular course is required	
Bachelor of Environmental Design		
Architecture (Extended Major)	No previous study in a particular course is required	
Environmental Geography and Planning	No previous study in a particular course is required	
Landscape Architecture	No previous study in a particular course is required	
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisites and recommended subjects		
ASSURED PATHWAYS		
Master of Architecture via Bachelor of Environmental Design or Bachelor of Philosophy (Honours)	Completion of a bachelor's degree, with a UWA weighted average mark of at least 60%	
Master of Landscape Architecture via Bachelor of Environmental Design or Bachelor of Philosophy (Honours)	Completion of a bachelor's degree, with a UWA weighted average mark of at least 60%	
BUSINESS AND COMMERCE		
Bachelor of Agribusiness		
Agribusiness and Agricultural Science (Extended Major)	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Bachelor of Arts		
Communication and Media Studies	No previous study in a particular course is required	
Work and Employment Relations	No previous study in a particular course is required	
Bachelor of Business		
Business Management	No previous study in a particular course is required	
Enterprise and Innovation	No previous study in a particular course is required	Mathematics Methods ATAR
Global Business	No previous study in a particular course is required	Mathematics Methods ATAR
Bachelor of Commerce		
Accounting	Mathematics Applications ATAR AND a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Business Analytics	Mathematics Applications ATAR AND a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Business Law	No previous study in a particular course is required	
Economics	Mathematics Applications ATAR AND a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Finance	Mathematics Applications ATAR AND a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Human Resource Management	No previous study in a particular course is required	
Management	No previous study in a particular course is required	
Marketing	Mathematics Applications ATAR AND a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Bachelor of Economics		
Professional Economics (Extended Major)	Mathematics Applications ATAR AND a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Bachelor of Philosophy, Politics and Economics		
Philosophy, Politics and Economics (Extended Major)	No previous study in a particular course is required	
Bachelor of Philosophy (Honours)		
Refer to your chosen majors for prerequisites and recommended subjects		
COMBINED BACHELOR'S DEGREES		
Bachelor of Philosophy, Politics and Economics and Bachelor of Arts	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Philosophy, Politics and Economics and Bachelor of Commerce	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Psychology and Bachelor of Commerce	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Engineering (Honours) and Bachelor of Commerce	Refer to your chosen majors for prerequisites and recommended subjects.	

COURSE	PREREQUISITES	RECOMMENDED
COMBINED BACHELOR'S AND MASTER'S DEGREES		
Bachelor of Economics and Master of Economics	Mathematics Applications ATAR AND a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
DATA AND COMPUTER SCIENCE		
Bachelor of Advanced Computer Science (Honours)		
Artificial Intelligence	Mathematics Methods ATAR	
Computing and Data Science	Mathematics Methods ATAR	
International Cybersecurity	Mathematics Methods ATAR	
Bachelor of Science		
Computer Science	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Cybersecurity	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Data Science	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisites and recommended subjects		
EDUCATION		
COMBINED BACHELOR'S AND MASTER'S DEGREES		
Bachelor of Science and Master of Teaching (Secondary)	<ul style="list-style-type: none">Mathematics Methods ATARRefer to your chosen major/s for further prerequisites and recommended subjects.To be considered for admission to this course an applicant must submit a satisfactory personal statement.	
ASSURED PATHWAYS		
Master of Teaching (Primary) via a range of Bachelor's degrees	Completion of a bachelor's degree other than a Bachelor of Education and at least one year of the bachelor's degree relevant to one or more learning areas in the Primary school curriculum.	
Master of Teaching (Secondary) via a range of Bachelor's degrees	Completion of a bachelor's degree other than a Bachelor of Education, with a major relevant to secondary teaching curriculum majors offered by UWA.	
ENGINEERING		
Bachelor of Engineering (Honours)		
Automation and Robotics Engineering (Extended Major)	Mathematics Methods ATAR AND at least one of the following three subjects: Mathematics Specialist ATAR, Chemistry ATAR OR Physics ATAR. <i>Note: All four subjects are recommended. If you don't have all four subjects you'll need to take specified bridging units in your first year.</i>	
Biomedical Engineering (Extended Major)	Mathematics Methods ATAR AND at least one of the following three subjects: Mathematics Specialist ATAR, Chemistry ATAR OR Physics ATAR. <i>Note: All four subjects are recommended. If you don't have all four subjects you'll need to take specified bridging units in your first year.</i>	
Chemical Engineering (Extended Major)	Mathematics Methods ATAR AND at least one of the following three subjects: Mathematics Specialist ATAR, Chemistry ATAR OR Physics ATAR. <i>Note: All four subjects are recommended. If you don't have all four subjects you'll need to take specified bridging units in your first year.</i>	
Civil Engineering (Extended Major)	Mathematics Methods ATAR AND at least one of the following three subjects: Mathematics Specialist ATAR, Chemistry ATAR OR Physics ATAR. <i>Note: All four subjects are recommended. If you don't have all four subjects you'll need to take specified bridging units in your first year.</i>	
Electrical and Electronic Engineering (Extended Major)	Mathematics Methods ATAR AND at least one of the following three subjects: Mathematics Specialist ATAR, Chemistry ATAR OR Physics ATAR. <i>Note: All four subjects are recommended. If you don't have all four subjects you'll need to take specified bridging units in your first year.</i>	
Environmental Engineering (Extended Major)	Mathematics Methods ATAR AND at least one of the following three subjects: Mathematics Specialist ATAR, Chemistry ATAR OR Physics ATAR. <i>Note: All four subjects are recommended. If you don't have all four subjects you'll need to take specified bridging units in your first year.</i>	
Mechanical Engineering (Extended Major)	Mathematics Methods ATAR AND at least one of the following three subjects: Mathematics Specialist ATAR, Chemistry ATAR OR Physics ATAR. <i>Note: All four subjects are recommended. If you don't have all four subjects you'll need to take specified bridging units in your first year.</i>	
Mining Engineering (Extended Major)	Mathematics Methods ATAR AND at least one of the following three subjects: Mathematics Specialist ATAR, Chemistry ATAR OR Physics ATAR. <i>Note: All four subjects are recommended. If you don't have all four subjects you'll need to take specified bridging units in your first year.</i>	

COURSE	PREREQUISITES	RECOMMENDED
Software Engineering (Extended Major)	Mathematics Methods ATAR AND at least one of the following three subjects: Mathematics Specialist ATAR, Chemistry ATAR OR Physics ATAR. <i>Note: All four subjects are recommended. If you don't have all four subjects you'll need to take specified bridging units in your first year.</i>	
COMBINED BACHELOR'S DEGREES		
Bachelor of Engineering (Hons)/Bachelor of Commerce	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Engineering (Hons)/Bachelor of Science	Refer to your chosen majors for prerequisites and recommended subjects.	
LAW		
Bachelor of Arts		
Criminology	No previous study in a particular course is required	
Law and Society	No previous study in a particular course is required	
Bachelor of Commerce		
Business Law	No previous study in a particular course is required	
Bachelor of Criminology and Criminal Justice		
Criminology and Criminal Justice	No previous study in a particular course is required	
Bachelor of Human Rights		
Human Rights	No previous study in a particular course is required	
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisites and recommended subjects		
COMBINED BACHELOR'S DEGREES		
Bachelor of Human Rights and Bachelor of Arts	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Human Rights and Bachelor of Commerce	Refer to your chosen majors for prerequisites and recommended subjects.	
ASSURED PATHWAYS		
Juris Doctor (Law) via a wide range of Bachelor's degrees	<ul style="list-style-type: none">Refer to your chosen major/s for prerequisites and recommended subjects.Completion of a bachelor's degree, with a UWA Grade Point Average of 5.5.	
HEALTH AND BIOMEDICAL SCIENCES		
Bachelor of Biomedical Science		
Aboriginal Health and Wellbeing	Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year.	
Anatomy and Human Biology	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Biochemistry and Molecular Biology	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year.	Biology ATAR or Human Biology ATAR
Exercise and Health	Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year.	Mathematics Methods ATAR
Genetics	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year.	
Humanities in Health and Medicine	Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year.	Mathematics Methods ATAR
Integrated Medical Sciences and Clinical Practice (Extended Major)	<ul style="list-style-type: none">Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year.Chemistry ATAR OR a chemistry unit taken in the first year. <i>* Note: This extended major is only available via the Doctor of Medicine Assured Pathway.</i>	
Microbiology and Immunology	<ul style="list-style-type: none">Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year.Chemistry ATAR OR a chemistry unit taken in the first year.	Biology ATAR or Human Biology ATAR
Neuroscience	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit taken in the first year.	Biology ATAR
Pathology and Laboratory Medicine	<ul style="list-style-type: none">Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year.Chemistry ATAR OR a chemistry unit taken in the first year.Human Biology ATAR OR Biology ATAR OR a human biology or biology unit taken in the first year.	

COURSE	PREREQUISITES	RECOMMENDED
Pharmacology	<ul style="list-style-type: none"> Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year. Chemistry ATAR OR a chemistry unit taken in the first year. Human Biology ATAR OR Biology ATAR OR a human biology or biology unit taken in the first year. 	
Physiology	<ul style="list-style-type: none"> Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units. Chemistry ATAR OR a chemistry unit taken in the first year. 	
Public Health	<ul style="list-style-type: none"> Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year. Chemistry ATAR OR a chemistry unit taken in the first year. 	Mathematics Methods ATAR
Bachelor of Human Sciences		
Human Sciences and Data Analytics (Extended Major)	<ul style="list-style-type: none"> Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units. Chemistry ATAR OR a chemistry unit taken in the first year. 	
Human Sciences and Neuroscience (Extended Major)	<ul style="list-style-type: none"> Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units. Chemistry ATAR OR a chemistry unit taken in the first year. 	
Bachelor of Molecular Sciences		
Biochemistry of Nutrition (Extended Major)	<ul style="list-style-type: none"> Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units. Chemistry ATAR OR a chemistry unit taken in the first year. 	
Molecular Life Sciences (Extended Major)	<ul style="list-style-type: none"> Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units. Chemistry ATAR OR a chemistry unit taken in the first year. 	
Bachelor of Science		
Anatomy and Human Biology	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Biochemistry and Molecular Biology	<ul style="list-style-type: none"> Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units. Chemistry ATAR OR a chemistry unit taken in the first year. 	Biology ATAR or Human Biology ATAR
Exercise and Health	Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year.	Mathematics Methods ATAR
Genetics	<ul style="list-style-type: none"> Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units. Chemistry ATAR OR a chemistry unit taken in the first year. 	
Microbiology and Immunology	<ul style="list-style-type: none"> Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year. Chemistry ATAR OR a chemistry unit taken in the first year. 	Biology ATAR or Human Biology ATAR
Neuroscience	<ul style="list-style-type: none"> Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units. Chemistry ATAR OR a chemistry unit taken in the first year. 	Biology ATAR or Human Biology ATAR
Physiology	<ul style="list-style-type: none"> Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units. Chemistry ATAR OR a chemistry unit taken in the first year. 	
Sport Science	Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year.	Mathematics Methods ATAR
Bachelor of Sport and Exercise Sciences		
Sport Science, Exercise and Health (Extended Major)	Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year.	Mathematics Methods ATAR
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisites and recommended subjects		
COMBINED BACHELOR'S AND MASTER'S DEGREES		
Bachelor of Human Sciences and Master of Bioinformatics	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Molecular Sciences and Master of Biomedical Science	Refer to your chosen majors for prerequisites and recommended subjects.	

COURSE	PREREQUISITES	RECOMMENDED
Bachelor of Molecular Sciences and Master of Biotechnology	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Molecular Sciences and Master of Bioinformatics	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Sport and Exercise Sciences and Master of Applied Human Performance Science	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Sport and Exercise Sciences and Master of Clinical Exercise Physiology	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Sport and Exercise Sciences and Master of Public Health	Refer to your chosen majors for prerequisites and recommended subjects	
ASSURED PATHWAYS		
Doctor of Dental Medicine	Prerequisites from your chosen major, UCAT ANZ, interview and eyesight requirements. Completion of a bachelor's degree, with a Grade Point Average of at least 5.5.	
Doctor of Medicine	Prerequisites from your chosen major, UCAT ANZ and interview. Completion of a bachelor's degree, with a Grade Point Average of at least 5.5.	
Doctor of Podiatric Medicine	Prerequisites from your chosen major, interview and inherent requirements. Completion of a bachelor's degree, with a Grade Point Average of at least 5.0. Fulfil Podiatric Medicine prerequisite units through major or electives as part of your degree.	
Master of Pharmacy	Prerequisites from your chosen major, interview and inherent requirements. Completion of a bachelor's degree, with a Grade Point Average of at least 5.0. Fulfil Pharmacy prerequisite units through major or electives as part of your degree.	
Master of Public Health	Prerequisites from your chosen major. Completion of a bachelor's degree, with a UWA Weighted Average Mark of at least 60%.	
HUMANITIES AND SOCIAL SCIENCES		
Bachelor of Arts		
Anthropology and Sociology	No previous study in a particular course is required	
Archaeology	No previous study in a particular course is required	
Asian Studies	No previous study in a particular course is required	
Chinese Studies	No previous study in a particular course is required	
Classics and Ancient History	No previous study in a particular course is required	
Communication and Media Studies	No previous study in a particular course is required	
Criminology	No previous study in a particular course is required	
English and Literary Studies	No previous study in a particular course is required	
French Studies	No previous study in a particular course is required	
Gender Studies	No previous study in a particular course is required	
German Studies	No previous study in a particular course is required	
History	No previous study in a particular course is required	
History of Art	No previous study in a particular course is required	
Human Geography and Planning	No previous study in a particular course is required	
Indigenous Knowledge, History and Heritage	No previous study in a particular course is required	
Indonesian Studies	No previous study in a particular course is required	
Italian Studies	No previous study in a particular course is required	
Japanese Studies	No previous study in a particular course is required	
Korean Studies	No previous study in a particular course is required	
Law and Society	No previous study in a particular course is required	
Linguistics	No previous study in a particular course is required	
Philosophy	No previous study in a particular course is required	
Political Science and International Relations	No previous study in a particular course is required	
Spanish Studies	No previous study in a particular course is required	
Work and Employment Relations	No previous study in a particular course is required	
Bachelor of Biomedical Science		
Aboriginal Health and Wellbeing	Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year.	
Humanities in Health and Medicine	Mathematics Applications ATAR OR higher-level mathematics OR a mathematics unit taken in the first year.	Mathematics Methods ATAR
Bachelor of Modern Languages		
Chinese Studies	No previous study in a particular course is required	
French Studies	No previous study in a particular course is required	
German Studies	No previous study in a particular course is required	

COURSE	PREREQUISITES	RECOMMENDED
Indonesian Studies	No previous study in a particular course is required	
Italian Studies	No previous study in a particular course is required	
Japanese Studies	No previous study in a particular course is required	
Korean Studies	No previous study in a particular course is required	
Spanish Studies	No previous study in a particular course is required	
Bachelor of Philosophy, Politics and Economics		
Philosophy, Politics and Economics (Extended Major)	No previous study in a particular course is required	
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisites and recommended subjects		
COMBINED BACHELOR'S DEGREES		
Bachelor of Human Rights and Bachelor of Arts	Refer to your chosen majors for prerequisites and recommended subjects	
Bachelor of Human Rights and Bachelor of Commerce	Refer to your chosen majors for prerequisites and recommended subjects	
Bachelor of Modern Languages and Bachelor of Arts	Refer to your chosen majors for prerequisites and recommended subjects	
Bachelor of Modern Languages and Bachelor of Business	Refer to your chosen majors for prerequisites and recommended subjects	
Bachelor of Philosophy, Politics and Economics and Bachelor of Arts	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Philosophy, Politics and Economics and Bachelor of Commerce	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Psychology and Bachelor of Arts	Refer to your chosen majors for prerequisites and recommended subjects	
ASSURED PATHWAYS		
Master of Translation Studies via Bachelor of Arts or Bachelor of Philosophy (Honours)	Prerequisites from your chosen major. Completion of a bachelor's degree, with a language major that aligns with one of the specialisations of the Master of Translation Studies and a UWA Weighted Average Mark of 65% in the Level 3 units of the major.	
MUSIC AND FINE ARTS		
Bachelor of Arts		
Fine Arts	No previous study in a particular course is required	
History of Arts	No previous study in a particular course is required	
Music: Electronic Music and Sound Design	No previous study in a particular course is required	
Music: General Studies	A practical requirement equivalent of AMEB Grade 5, demonstrated by an audition. A portfolio is also required for applicants for composition.	
Music: Music Studies	A practical requirement equivalent of AMEB Grade 5, demonstrated by an audition No audition required if taken as a second major A background in music theory A portfolio is also required for applicants for composition	
Bachelor of Music		
Music (Extended Major)	Performance/Musicology/Studio Teaching streams: • A practical requirement equivalent of AMEB Grade 7, demonstrated by an audition • A strong background in music theory Composition stream: • A practical requirement equivalent of AMEB Grade 5, demonstrated by an audition • A background in music theory • A portfolio is also required Creative Music Technology stream: • A practical requirement equivalent of AMEB Grade 4, demonstrated by an audition • A background in music theory • A portfolio is also required	
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisites and recommended subjects		
PHYSICAL SCIENCES AND MATHEMATICS		
Bachelor of Earth Sciences		
Geochemistry (Extended Major)	• Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units. • Chemistry ATAR OR a chemistry unit in the first year.	
Integrated Earth and Marine Science (Extended Major)	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units	

COURSE	PREREQUISITES	RECOMMENDED
Bachelor of Science		
Chemistry	<ul style="list-style-type: none">Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.Chemistry ATAR OR a chemistry unit in the first year.	Mathematics Specialist ATAR
Geology	Mathematics Methods ATAR OR Mathematics Applications ATAR with a mathematics unit taken in the first year. Students without ATAR Mathematics will take two first-year mathematics units.	
Mathematics and Statistics	Mathematics Specialist ATAR OR Mathematics Methods ATAR with an additional mathematics unit in the first year.	Mathematics Specialist ATAR
Physics	<ul style="list-style-type: none">Mathematics Specialist ATAR and Mathematics Methods ATAR OR Mathematics Methods ATAR with an additional mathematics unit in the first year.Physics ATAR	
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisites and recommended subjects		
COMBINED BACHELOR'S DEGREES		
Bachelor of Engineering (Hons) and Bachelor of Science	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Science (Frontier Physics) and Master of Physics	<ul style="list-style-type: none">Mathematics Specialist ATAR and Mathematics Methods ATARPhysics ATAR	
PSYCHOLOGY		
Bachelor of Arts		
Psychological and Behavioural Sciences	No previous study in a particular course is required	
Bachelor of Science		
Psychological and Behavioural Sciences	No previous study in a particular course is required	
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisites and recommended subjects		
Bachelor of Psychology		
Psychology (Extended Major)	No previous study in a particular course is required	Mathematics Methods ATAR
COMBINED BACHELOR'S DEGREES		
Bachelor of Psychology and Bachelor of Arts	Refer to your chosen majors for prerequisites and recommended subjects	
Bachelor of Psychology and Bachelor of Commerce	Refer to your chosen majors for prerequisites and recommended subjects	

NEED ADVICE?

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

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

EDITH COWAN UNIVERSITY

270 Joondalup Drive
JOONDALUP WA 6027
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Overseas: (61 8) 6304 0000
Email: futurestudy@ecu.edu.au

Web: www.ecu.getready.com.au/
Including Joondalup, Mt Lawley, South West Campus (Bunbury) and Margaret River Education Centre

MURDOCH UNIVERSITY

Perth Campus
THE STUDENT CENTRE
South Street
MURDOCH WA 6150
Telephone: 1300 MURDOCH
(1300 687 3624)

Online enquiries: ask.murdoch.edu.au
Web: www.murdoch.edu.au

Mandurah Campus (Peel)
THE STUDENT CENTRE
Education Drive
MANDURAH WA 6210
Telephone: 1300 MURDOCH
(1300 687 3624)

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)

Online enquiries: ask.murdoch.edu.au
Web: www.murdoch.edu.au

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Email: future@nd.edu.au
Website: www.notredame.edu.au

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