

# **UNIVERSITY ADMISSION 2028**

Admission Requirements for School Leavers completing Year 12 in 2027. 2025 Year 10 subject selection for Year 11 2026.













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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 May 2025 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 2027. It is relevant only for admission in 2028 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 during the year they are completing Year 12. Application will be via TISC's website (TISCOnline). Applications usually open in the first half of the year, for admission the following February. Application opening dates can be checked on the <u>TISC website</u>.

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, postgraduate studies, timetables, fees, 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.

\* Check with individual universities if you are concerned about not achieving WACE, however achievement of WACE is important for many reasons and will give you the widest range of post-school options.

## 1. WESTERN AUSTRALIAN CERTIFICATE OF EDUCATION (WACE)

You must satisfy the requirements of the WACE to enter most WA universities as a school leaver, unless you are an applicant from a non-standard WA school. Murdoch University accepts completion of Year 11 and Year 12 even if WACE is not achieved. 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, <u>www.scsa.wa.edu.au</u>.

## 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, however English competency achieved via STAT or other tests of English may have limited validity – check with the university concerned if you are unsure.

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 can 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.

When choosing an English course, you should give careful consideration to the post-school pathways you are considering, and choose the course you feel will prepare you best for these pathway/s.

Where concessions are listed for each university, these are automatically applied when results are released and you do not need to request them. These will show on your UAAL with your final results.

#### **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, Literature ATAR or EAL/D ATAR,
  - 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,
  - a final school letter grade of A in Year 12, in one of the Year 12 courses: General English or Literature

Applicants eligible to be considered through the Portfolio Entry (Experience Based Entry) pathway may be considered with a final school letter grade of B in Year 12 General English (or Literature).

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 early in January. If you demonstrate competence in English via STAT Written English, this result may only be valid for two years, after which you may need to re-sit STAT or demonstrate competence in English by another means.

### 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 eligible to be considered through the Experience Based Entry Scheme (EBES) pathway may be considered with a 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, Preclinical Foundations of Imaging Science, 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, **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, 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 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 <u>TISC's website</u>.

#### THE UNIVERSITY OF NOTRE DAME AUSTRALIA

Successful completion of secondary studies in Australia will be accepted as meeting the University's English language proficiency requirements.

Refer to Notre Dame's website for more details: https://www.notredame.edu.au/study/applications-andadmissions/admission-requirements/english-languagerequirement.

### 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 above requirement, 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, 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.
- 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 <u>moderation</u> 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 2027, the TEA will be calculated by adding your best four scaled scores, subject to the following rules.

 Courses which can be used in the ATAR are listed on the following page. 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 2023, for 2028 university entry. 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.

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 these bonuses regardless of whether the subjects are included in your best four scaled scores.

TISC is currently consulting with industry and community stakeholders regarding removing these bonuses from 2029 onwards, however they will remain in place for 2027 Year 12 students.

Scaled scores from previous study of WACE courses are on the same scale as scaled scores obtained from study in 2027 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 77.15 in 2024. With the bonuses included, Jo would have achieved an ATAR of 81.70 in 2024.

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

#### 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	Human Biology ATAR
Accounting and Finance ATAR	Indonesian: Background Language ATAR
Ancient History ATAR	Indonesian: First Language ATAR
Animal Production Systems ATAR	Indonesian: Second Language ATAR
Applied Information Technology ATAR	Integrated Science ATAR
Arabic ATAR	Italian: Background Language ATAR
Aviation ATAR	Italian: Second Language ATAR
Biology ATAR	Japanese: Background Language ATAR
Business Management and Enterprise ATAR	Japanese: First Language ATAR
Career and Enterprise ATAR	Japanese: Second Language ATAR
Chemistry ATAR	Korean: Background Language ATAR
Children, Family and the Community ATAR	Literature ATAR
Chinese: Background Language ATAR	Malay: Background Speakers ATAR
Chinese: First Language ATAR	Marine and Maritime Studies ATAR
Chinese: Second Language ATAR	Materials Design and Technology ATAR
Computer Science ATAR	Mathematics Applications ATAR
Dance ATAR	Mathematics Methods ATAR
Design ATAR	Mathematics Specialist ATAR
Drama ATAR	Media Production and Analysis ATAR
Earth and Environmental Science ATAR	Modern Greek ATAR
Economics ATAR	Modern History ATAR
Engineering Studies ATAR	Music ATAR
English ATAR	Outdoor Education ATAR
English as an Additional Language or Dialect (EALD) ATAR	Philosophy and Ethics ATAR
Food Science and Technology ATAR	Physical Education Studies ATAR
French: Background Language ATAR	Physics ATAR
French: Second Language ATAR	Plant Production Systems ATAR
Geography ATAR	Politics and Law ATAR
German: Background Language ATAR	Psychology ATAR
German: Second Language ATAR	Religion and Life ATAR
Health Studies 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 2027, which may be counted in the ATAR. Contact the School Curriculum and Standards Authority for details of availability.

# 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

with Integrated Science ATAR

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

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

Mathematics Applications ATAR *with* Mathematics Specialist ATAR

Physics ATAR with Integrated Science ATAR

Chinese: Background Language ATAR *with* Chinese: Second Language ATAR

Chinese: Background Language ATAR *with* Chinese: First Language ATAR

Chinese: Second Language ATAR *with* Chinese: First Language ATAR

French: Background Language ATAR *with* French: Second Language ATAR

German: Background Language ATAR with German: Second Language ATAR

Indonesian: Background Language ATAR *with* Indonesian: First Language ATAR

Indonesian: Background Language ATAR with Indonesian: Second Language ATAR

Indonesian: First Language ATAR with Indonesian: Second Language ATAR

Indonesian: Background Language ATAR with Malay: Background Speakers ATAR

Indonesian: First Language ATAR with Malay: Background Speakers ATAR

Indonesian: Second Language ATAR with Malay: Background Speakers ATAR

Italian: Background Language ATAR *with* Italian: Second Language ATAR

Japanese: Background Language ATAR *with* Japanese: First Language ATAR

Japanese: Background Language ATAR *with* Japanese: Second Language ATAR

Japanese: Second Language ATAR with Japanese: First Language ATAR

MORE INFORMATION

About the ATAR:



Help videos:



Scaling statistics:



## **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, 2027 Year 12 students will be selected for admission to university in 2028 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 2028 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, portfolios, 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.

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.

# EXPERIENCE-BASED AND PORTFOLIO ENTRY

Experience-based entry is a selection method used by universities (or other higher education providers) to assess students whose formal education qualifications alone may not be enough to gain admission to a course, but who can demonstrate other relevant work and life skills and experience that make them a suitable candidate.

For school leavers, examples of experience-based entry pathways might include:

- Getting an ATAR that's lower than the required minimum, and demonstrating additional knowledge and skills via a Certificate II, paid work, and music/arts performance.
- Completing fewer than four ATAR subjects and demonstrating additional knowledge and skills via a Certificate III, school leadership roles, and representative sporting team involvement.
- Completing a Certificate IV and meeting a university's English Language competence requirement.

Please note that these are examples only and each university sets their own requirements for experiencebased entry pathways. These requirements may change from year to year, so always check TISC's and the universities' websites for up-to-date information.

#### **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 <u>Curtin's Portfolio Entry website</u> for further information about the portfolio requirements and application process. An interview might be required as part of the application process.

#### **EDITH COWAN UNIVERSITY**

#### **Experience Based Entry Scheme**

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 three ATAR courses and one General course in Year 12. To be considered through the EBES pathway, school leaver applicants may be required to 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 <u>www.ecu.edu.au</u>.

Detailed information about the requirements for the EBES pathway may be obtained from the Future Students team on 134 328 or <u>the ECU Experience</u> Based Entry Scheme website.

### **Creative Humanities Portfolio Entry Pathway**

ECU's Creative Humanities Portfolio Entry (CHPE) 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. Applicants may be required to 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 CHPE pathway may be obtained from the Future Students team on 134 328 or at <u>ECU's Creative</u> <u>Humanities Portfolio Entry website</u>.

#### **MURDOCH UNIVERSITY**

#### **Experience Based Entry (EBE)**

Murdoch's Experience Based Entry (EBE) pathway assesses your academic, vocational and life achievements in combination and is an option for a wide range of courses with a selection rank of 70. If you can demonstrate your aptitude and ability via school subjects or extracurricular and life experience, then this might be the pathway for you. Visit <u>Murdoch's website</u> for more information and an eligibility checker.

#### **Media Portfolio**

Do you want to study a course that showcases your creative flair? We recommend you check out the Media Portfolio pathway which caters specifically to creative minds. For more information go

to https://www.murdoch.edu.au/study/pathways-touni/enabling-pathways/experience-based-entry/mediaportfolio.

### THE UNIVERSITY OF WESTERN AUSTRALIA

UWA offers experience based entry for its comprehensive undergraduate bachelor's degrees (Arts, Biomedical Science, Business, Commerce, Environmental Design and Science).

You may be eligible for this pathway based on qualifications and life experience, including subjects completed at school, VET qualifications, volunteering, sports participation, employment and more. Visit <u>UWA's</u> <u>website</u> for more information and an eligibility checker.

#### 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.

Some examples of non-standard schooling may include homeschooling, Waldorf schooling or the International Big Picture Learning Credential.

#### 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 <u>Universities Admission Advice Letter (UAAL)</u> 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**

School leaver age applicants who seek entry via this pathway may be required to achieve WACE, and:

- successfully completed an AQF Certificate IV as part of their Year 12 studies; 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:

- Completed Year 12; 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.

## 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.

Students completing a Certificate IV during Year 12 may apply via UWA's Experience-Based Entry pathway.

# **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 ideas 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.

Generally, you will have the chance to make changes to your subject enrolments during Year 11 or between Year 11 and 12, so if you choose a challenging study load and find that you are not coping, talk to your school about what changes you might be able to make. If you choose less challenging subjects, you won't usually be able to add more challenging subjects later, so you may be limiting your future options. For example, depending on timetabling constraints, most schools will allow you to change from Mathematics Methods to Mathematics Applications at the end of Year 11, but it would not be possible to change from Mathematics Applications to Mathematics Methods because of the content you would have missed.

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 an alternative entry pathway, or you may move on to employment or training and not to university – learning is never wasted.

#### What if I change my mind between Year 10 and Year 12?

This is very normal! Most people will change their minds at some point about their post-school direction – what you are interested in now, when choosing your Year 12 subjects, might not be what you're still interested in two years later.

This is one reason why choosing subjects that will give you entry into a wide variety of courses is a good idea.

However, should you get to Year 12 and realise you aren't studying the prerequisite subject/s for the course/s you're now interested in, contact the university where you wish to study. They can often suggest solutions, for example bridging units, or enrolling in a similar course and applying to transfer later.

#### 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 wants to go to. Aliyah checks the prerequisite lists in this brochure 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 give herself the best chance of meeting English competence requirements at all universities, 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.

**Cara** is in Year 10 and has wanted to be a doctor since she was a small child. She has been in selective academic programs at her school since Year 7 and feels like she is well prepared for a demanding ATAR pathway of 6 ATAR subjects. She tends to achieve well across all subject areas. Checking the pre-requisite and recommended subject lists for Medicine, Cara selects Chemistry and Maths Methods to make sure she's got those covered, as well as Literature ATAR to meet English competence requirements. She has noted that language courses are often studied by high-achieving students and has been enjoying her Japanese studies so far, so she selects Japanese: Second Language. Cara finds choosing her last two subjects really difficult, but in the end decides on Maths Specialist and Human Biology.

# **COURSE PREREQUISITES**

## **CURTIN UNIVERSITY**

The following list outlines the prerequisite and recommended ATAR courses for entry to Curtin courses in 2028. 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.

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

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

<sup>3</sup> 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.

<sup>4</sup> 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.

PE Portfolio / Experience Based Entry available alongside Standard Entry

COURSE	PREREQUISITES	DESIRABLE
Actuarial Science	Mathematics Methods ATAR and ATAR/ Selection Rank of 92.00 or equivalent <sup>2</sup>	Mathematics Specialist ATAR
Advanced Biomedical Science (Honours)	Chemistry ATAR and Mathematics Methods ATAR or Mathematics Specialist ATAR	Human Biology ATAR or Biology ATAR or Physics ATAR
Advanced Commerce (Honours)	No prior study in a particular course is required	
Advanced Nursing	No prior study in a particular course is required	Human Biology ATAR and Integrated Science 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, Earth and Environmental Science ATAR
Environmental Science	Mathematics Methods ATAR and Chemistry ATAR	Biology ATAR
Financial Mathematics	Mathematics Methods ATAR, Mathematics Specialist ATAR	
Industrial and Applied Mathematics	Mathematics Methods ATAR, 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 PE	Mathematics Applications ATAR	One science ATAR course <sup>3</sup>
Applied Geology PE	Mathematics Applications ATAR	
Applied Geology/Environmental Biology (double degree)	Mathematics Applications ATAR	
Applied Geology/Finance ( <i>double degree</i> )	Mathematics Applications ATAR	
Architectural Science PE	No prior study in a particular course is required	Mathematics Applications ATAR, Visual Art ATAR and Physics ATAR
Bachelor of Arts PE		
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	

COURSE	PREREQUISITES	DESIRABLE
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
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	
Korean	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	
Arts/Commerce ( <i>double degree</i> )	No prior study in a particular course is required	
Biomedical Sciences	Mathematics Applications ATAR	Chemistry ATAR, Human Biology ATAR or Biology ATAR
Business Administration (BBA) PE	No prior study in a particular course is required	
Bachelor of Commerce PE	· · · · · · · · · · · · · · · · · · ·	·
<ul> <li>Accounting#</li> <li>Business Information Systems</li> <li>Business Law#</li> <li>Economics</li> <li>Finance#</li> <li>Human Resource Management</li> <li>International Business</li> <li>Logistics and Supply Chain Management</li> <li>Marketing#</li> <li>Property Investment and Development</li> <li>Taxation</li> <li>Tourism and Hospitality</li> <li>The following majors can only be chosen as a part of select double major combinations:</li> <li>Audit Analytics#</li> <li>Financial Planning</li> <li>Depending on which business area you choose, you can select a single or double major.</li> <li>#These majors are also available to students enrolling at the Kalgoorlie campus via fully online mode.</li> </ul>	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 – Online <sup>PE</sup> <ul> <li>Accounting</li> <li>Business Law</li> <li>Finance</li> <li>Management</li> <li>Marketing</li> <li>Taxation</li> </ul>	No prior study in a particular course is required	Finance: Mathematics Applications
Communications PE	No prior study in a particular course is required	
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		
Computer Science	Mathematics Methods ATAR	
Cyber Security	Mathematics Methods ATAR	
Software Engineering	Mathematics Applications ATAR	Mathematics Methods ATAR

COURSE	PREREQUISITES	DESIRABLE
Fine Art	No prior study in a particular course is required	
Screen Arts	No prior study in a particular course is required	
Theatre Arts	No prior study in a particular course is required	Drama ATAR
Bachelor of Design <sup>PE</sup>		
Advertising and Design	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
Design Innovation and Fabrication	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
Fashion Design	No prior study in a particular course is required	Design ATAR
Graphic Design	No prior study in a particular course is required	Design ATAR
Photography	No prior study in a particular course is required	Design ATAR
Bachelor of Education		
Early Childhood Education PE	No prior study in a particular course is required	Mathematics Applications ATAR
Primary Education PE	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
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 <sup>4</sup>
Secondary Education - Science Education in Chemistry	Mathematics Applications 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 <sup>4</sup>
Educational Studies PE	No prior study in a particular course is required	At least Mathematics Applications ATAR

COURSE	PREREQUISITES	DESIRABLE
<ul> <li>Engineering (Honours)</li> <li>Chemical Engineering</li> <li>Civil and Construction Engineering</li> <li>Electrical and Electronic Engineering</li> <li>Industrial and Systems Engineering</li> <li>Mechanical Engineering</li> <li>Mechatronic Engineering</li> <li>Metallurgical Engineering</li> <li>Mining Engineering</li> <li>Software Systems Engineering</li> </ul>	Mathematics Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR or Engineering Studies ATAR	Mathematics Specialist ATAR
Engineering/Commerce (double degree) <ul> <li>Chemical Engineering</li> <li>Civil and Construction Engineering</li> <li>Mechanical Engineering</li> <li>Metallurgical Engineering</li> <li>Mining Engineering</li> </ul>	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 Scien	ice (double degree)	
Chemical Engineering/Chemistry (double degree)	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 (double degree)	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 (double degree)	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 (double degree)	Mathematics Methods ATAR and Physics ATAR	Mathematics Specialist ATAR
Mechatronic Engineering/Computer Science (double degree)	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 (double degree)	Mathematics Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR or Engineering Studies ATAR	Mathematics Specialist 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 <sup>PE</sup>	No prior study in a particular course is required	One Science ATAR course <sup>1</sup>
Health Promotion/Health and Safety (double degree)	No prior study in a particular course is required	One Science ATAR course <sup>1</sup>
Health, Safety and Environment PE	No prior study in a particular course is required	Mathematics Applications and one Science ATAR course <sup>1</sup>
Health Sciences PE	No prior study in a particular course is required	Mathematics Applications and one Science ATAR course <sup>1</sup>
Health Sciences / Innovation (double degree)	No prior study in a particular course is required	Mathematics Applications ATAR, Health Studies ATAR, or Business Management and Enterprise ATAR
Information Technology PE	Mathematics Applications ATAR	Mathematics Methods ATAR

COURSE	PREREQUISITES	DESIRABLE
Innovation PE Business Information Systems Business Law Economics Finance Human Resource Management Management Marketing Property Investment and Development Taxation Tourism and Hospitality	No prior study in a particular course is required	
Interior Architecture (Honours) PE	No prior study in a particular course is required	
Laboratory Medicine	No prior study in a particular course is required	Mathematics Applications ATAR, and/or Chemistry ATAR, and/or Human Biology ATAR or Biology ATAR
Law	No prior study in a particular course is required	
Law/Arts (double degree)	No prior study in a particular course is required	
Law/Commerce (double degree)	No prior study in a particular course is required	Mathematics Applications ATAR
Law/ Innovation (double degree)	No prior study in a particular course is required	
Law/Psychology (LLB/BSc) (double degree)	No prior study in a particular course is required	Mathematics Applications ATAR
Bachelor of Laws/ Bachelor of Science (a	ouble degree)	
Data Science	Mathematics Methods ATAR	Mathematics Specialist ATAR
Earth Sciences	Mathematics Applications ATAR	
Environmental Science	Mathematics Applications ATAR	Chemistry ATAR or Biology ATAR
Information and Communication Technology	Mathematics Applications ATAR	
Bachelor of Science (Medical Radiation Se	cience)	
Medical Imaging	Physics ATAR and Mathematics Applications ATAR or Mathematics Methods ATAR	Mathematics Specialist ATAR
Radiation Therapy	Physics ATAR and Mathematics Applications ATAR or 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) and Casper test. Applicants will be selected for interview based on their UCAT and Casper test scores and predicted ATAR.	One of the following courses: Mathematics Applications ATAR, Mathematics Methods ATAR, Mathematics Specialist ATAR, Human Biology ATAR or Biology ATAR
Midwifery	No prior study in a particular course is required	Human Biology ATAR, Mathematics Applications ATAR
Multidisciplinary Science PE	No prior study in a particular course is required	Mathematics Applications ATAR
Nutrition	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/Innovation (double degree)	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 <sup>1</sup>	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	No prior study in a particular course is required	Human Biology ATAR and Integrated Science ATAR.

COURSE	PREREQUISITES	DESIRABLE
Pharmacy (Honours)	Chemistry ATAR and Mathematics Applications ATAR	Human Biology ATAR or Biology ATAR
Physiotherapy	One science course <sup>1</sup>	Physical Education Studies ATAR, and Health Studies ATAR
Psychology ( <i>BPsych</i> ) PE	No prior study in a particular course is required	Mathematics Applications ATAR, one of the Science courses <sup>1</sup>
Psychology and Human Resource Management ( <i>BSc(Psych/HRM))</i>	No prior study in a particular course is required	Mathematics Applications ATAR or Mathematics Methods ATAR and Biology ATAR or Human Biology ATAR or Psychology ATAR
Psychology and Human Resource Management and Industrial Relations (BSc(Psych/HRM/IR))	No prior study in a particular course is required	Mathematics Applications ATAR or Mathematics Methods ATAR and Biology ATAR or Human Biology ATAR or Psychology ATAR
Psychology/Marketing (BSc/BCom)(double degree)	No prior study in a particular course is required	Mathematics Applications ATAR or Mathematics Methods ATAR and Biology ATAR or Human Biology ATAR or Psychology ATAR
Bachelor of Science		
Agriculture Science	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 <sup>3</sup>
Data Science	Mathematics Methods ATAR	Mathematics Specialist ATAR
Earth Sciences	Mathematics Applications ATAR	Earth and Environmental Science ATAR
Environmental Science	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
Software Development	Mathematics Applications ATAR	Mathematics Methods ATAR
Bachelor of Science/Bachelor of Arts (dou	ble degree)	
Chemistry/Arts (double degree)	Mathematics Applications ATAR and Chemistry ATAR	Mathematics Methods ATAR and Physics ATAR
Coastal and Marine Science/Arts (double degree)	Mathematics Applications ATAR	One Science ATAR course <sup>3</sup>
Data Science/Arts (double degree)	Mathematics Methods ATAR	
Environmental Biology/Arts (double degree)	Mathematics Applications ATAR	One Science ATAR course <sup>3</sup>
Mathematics/Arts (double degree)	Mathematics Methods ATAR	Mathematics Specialist ATAR
Physics/Arts (double degree)	Mathematics Methods ATAR and Physics ATAR	Mathematics Specialist ATAR and Chemistry ATAR
Bachelor of Science/Bachelor of Commerce ( <i>double degree</i> )		
Chemistry/Commerce (double degree)	Mathematics Applications ATAR and Chemistry ATAR	Mathematics Methods ATAR and Physics ATAR
Coastal and Marine Science/Commerce ( <i>double</i> <i>degree</i> )	Mathematics Applications ATAR	One Science ATAR course <sup>3</sup>
Data Science/Commerce (double degree)	Mathematics Methods ATAR	

COURSE	PREREQUISITES	DESIRABLE
Environmental Biology/Commerce (double degree)	Mathematics Applications ATAR	One Science ATAR course <sup>3</sup>
Mathematics/Commerce (double degree)	Mathematics Methods ATAR	Mathematics Specialist ATAR
Physics/Commerce (double degree)	Mathematics Methods ATAR and Physics ATAR	Mathematics Specialist ATAR and Chemistry ATAR
Bachelor of Science/Bachelor of Innovation	on (double degree)	
Agricultural Science	Mathematics Applications ATAR	Biology ATAR, Chemistry 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, Physics ATAR
Coastal and Marine Science	Mathematics Applications ATAR	One of Biology ATAR, Chemistry ATAR, Marine and Maritime Studies ATAR
Data Science	Mathematics Methods ATAR	Mathematics Specialist ATAR
Earth Sciences	Mathematics Applications ATAR	Chemistry ATAR
Environmental Science	Mathematics Applications ATAR	Biology ATAR, Chemistry ATAR
Food Science	Mathematics Applications ATAR	Chemistry ATAR
Information and Communication Technology	Mathematics Applications ATAR	
Mathematics	Mathematics Methods ATAR	Mathematics Specialist ATAR
Physics	Physics ATAR and Mathematics Methods ATAR	Mathematics Specialist ATAR
Software Development	Mathematics Applications ATAR	Mathematics Methods ATAR
Social Work	No prior study in a particular course is required	
Speech Pathology (Honours)	One science course <sup>1</sup>	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 <sup>PE</sup>	No prior study in a particular course is required	

## **EDITH COWAN UNIVERSITY**

The following are the prerequisites which apply for entry to ECU courses (or specific major(s) within a course). 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 <u>ecu.edu.au</u>.

\* 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 (English)	No prior study in a particular course is required	
Bachelor of Arts (History)	No prior study in a particular course is required	
Bachelor of Arts (Human Behaviour)	No prior study in a particular course is required	
Bachelor of Arts (Media and Cultural Studies)	No prior study in a particular course is required	
Bachelor of Arts (Politics and International Relations)	No prior study in a particular course is required	
Bachelor of Arts (Sociology)	No prior study in a particular course is required	
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 Data Science	A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalent	
Bachelor of Biomedical Science (Bioscience) * Data Science	A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalent	
Bachelor of Business Analytics	No prior study in a particular course is required	
Bachelor of Commerce	No prior study in a particular course is required	
Bachelor of Commerce (HRM) / Bachelor of Psychology <i>(double degree)</i>	No prior study in a particular course is required	
Bachelor of Communications	No prior study in a particular course is required	
Bachelor of Community and Human Services	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 Data Science	A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalent	
Bachelor of Creative and Professional Writing	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 Design	No prior study in a particular course is required	
Bachelor of Education (Primary, 1-10)	Applicants for pre-service teacher education cours criteria. Applicants' non-academic capabilities will a a Non-Academic Requirements for Teacher Entry	be assessed based on completion of
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 cours criteria. Applicants' non-academic capabilities will a a Non-Academic Requirements for Teacher Entry	be assessed based on completion of
Bachelor of Education (Secondary)	Applicants for pre-service teacher education cours criteria. Applicants' non-academic capabilities will b a Non-Academic Requirements for Teacher Entry <b>Applicants must also satisfy the prerequisites t</b> <b>below.</b>	be assessed based on completion of (NARTE) online questionnaire.

COURSE	PREREQUISITES	DESIRABLE
Biological Science Education	Biology ATAR, or Chemistry ATAR, or Earth and E Human Biology ATAR, or Integrated Science ATA	
Chemistry Education	No prior study in a particular course is required	Chemistry ATAR or equivalent
Design and Technology Education	No prior study in a particular course is required	
Drama Education	No prior study in a particular course is required	
English Education	No prior study in a particular course is required	
Food and Materials Technologies	No prior study in a particular course is required	
Health and Physical Education*	No prior study in a particular course is required	
Humanities and Social Science Education*	No prior study in a particular course is required	
Mathematics Education	No prior study in a particular course is required	Mathematics Methods or Mathematics Specialist ATAR or equivalent
Music Education	Audition and separate application to ECU	Australian Music Examinations Board (AMEB) Grade V level of performance <b>or</b> equivalent
Physics Education	Physics ATAR or equivalent	
Visual Arts Education	No prior study in a particular course is required	
Bachelor of Engineering Honours		
Civil	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR or Engineering Studies <b>or</b> equivalent
Civil and Environmental	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR or Engineering Studies <b>or</b> equivalent
Computer Systems	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR or Engineering Studies <b>or</b> equivalent
Electrical & Renewable Energy	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR or Engineering Studies <b>or</b> equivalent
Electrical Power	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR or Engineering Studies <b>or</b> equivalent
Electronics & Communications	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR or Engineering Studies <b>or</b> equivalent
Energy	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR or Engineering Studies <b>or</b> equivalent
Instrumentation Control & Automation	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR or Engineering Studies <b>or</b> equivalent
Mechanical	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR or Engineering Studies <b>or</b> equivalent
Mechatronics	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR or Engineering Studies <b>or</b> equivalent
Robotics and Autonomous Systems	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR <b>or</b> Engineering Studies <b>or</b> equivalent

COURSE	PREREQUISITES	DESIRABLE
Bachelor of Engineering Hons / Bachelor of Commerce (double degree)	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR <b>or</b> Engineering Studies <b>or</b> equivalent
Bachelor of Engineering Hons (Computer Systems) / Bachelor of Computer Science <i>(double degree)</i>	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR <b>or</b> Engineering Studies <b>or</b> equivalent
Bachelor of Engineering Hons (Mechatronics) / Bachelor of Technology (Motorsports) <i>(double degree)</i>	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR <b>or</b> Engineering Studies <b>or</b> equivalent
Bachelor of Engineering Hons / Bachelor of Science <i>(double degree)</i>	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents. Science majors may have their own prerequisite requirements – check entries under Science.	Physics ATAR <b>or</b> Engineering Studies <b>or</b> equivalent
Bachelor of Engineering (Chemical) Honours	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Chemistry ATAR and Physics ATAR <b>or</b> Engineering Studies <b>or</b> 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	
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 Communication*	No prior study in a particular course is required	
Bachelor of Global Sport Business Management	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 Journalism and Broadcast Media	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 (double degree)	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 Maritime Engineering (Specialisation) Honours	Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> Chemistry ATAR <b>or</b> Mathematics Specialist ATAR <b>or</b> equivalents	Physics ATAR <b>or</b> Engineering Studies <b>or</b> equivalent
Bachelor of Marketing, Advertising and Public Relations	No prior study in a particular course is required	
Bachelor of Nursing - Registered Nursing*	No prior study in a particular course is required	Science related course at ATAR General level
Bachelor of Nursing / Bachelor of Midwifery <i>(double degree)</i> *	No prior study in a particular course is required	
Bachelor of Preclinical Foundations of Imaging Science *	No prior study in a particular course is required	
Bachelor of Psychological 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	

Bachelor of Science (Cyber Security)         No prior study in a particular course is required           Bachelor of Science (Cybercrime, Security and Intelligence)*         No prior study in a particular course is required           Bachelor of Science (International Exarcise and Sports Science)*         No prior study in a particular course is required           Bachelor of Science (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 Science (Paramedical Science)         Applicants must satisfy the prerequisites for specific major(s) as noted below.           Data Science         A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalent           Mathematics         Mathematics Methods ATAR or Mathematics Specialist ATAR or equivalents           Physics         Physics ATAR and Mathematics Methods ATAR           Bachelor of Science / Bachelor of Commerce (double degree)         A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalents           Bachelor of Science / Bachelor of Commerce (double degree)         A final school letter grade of C or higher in Mathematics Methods ATAR or equivalents           Physics         Physics ATAR and Mathematics Methods ATAR or equivalent         Physics ATAR and Mathematics Methods ATAR           Bachelor of Science (Bachelor of Commerce (double degree)         No prior study in a partic	SE PI	REREQUISITES	DESIRABLE
Bachelor of Science (Cybercrime, Security and Intelligence)*         No prior study in a particular course is required           Bachelor of Science (International Exercise and Sports Science)*         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 Science (Paramedical Science)*         No prior study in a particular course is required           Bachelor of Science (Paramedical Science)*         A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalent           Data Science         A final school letter grade of C or higher in Mathematics Methods ATAR or equivalents           Physics         Physics ATAR and Mathematics Methods ATAR or equivalents           Bachelor of Science / Bachelor of Commerce (double degree)         Applicants must satisfy the prerequisites for specific major(s) as noted below.           Data Science         A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalents           Mathematics         Mathematics Methods ATAR or Mathematics           Data Science (Sport Business) (double degree)         No prior study in a particular course is required           Mathematics         Mathematics Methods ATAR or Mathematics           Physics ATAR and Mathematics Methods ATAR         Or equivalents           Physics (Sport Bachelor of Science (Sport Business) (double degree)         No prior study in a particular			
Exercise and Sports Science)*         An option study in a particular course is required           Bachelor of Science (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 Science         Applicants must satisfy the prerequisites for specific major(s) as noted below.           Data Science         A final school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalent           Mathematics         Mathematics Methods ATAR or Mathematics           Physics         Physics ATAR and Mathematics Methods ATAR or equivalents           Bachelor of Science / Bachelor of Commerce (double degree)         Applicants must satisfy the prerequisites for specific major(s) as noted below.           Data Science         Afinal school letter grade of C or higher in Mathematics Methods ATAR or Mathematics           Data Science         Afinal school letter grade of C or higher in Mathematics Methods ATAR or equivalents           Physics         Physics ATAR and Mathematics Methods ATAR or equivalent           Mathematics Methods ATAR or equivalents         Specialist ATAR or equivalents           Physics         Physics ATAR and Mathematics Methods ATAR or equivalent           Bachelor of Science (Exercise & Sports Science) / Bachelor of Science (Exercise & Sports Science) / Bachelor of Science (Exercise & Sports Science) / Bachelor of Science (Exercise & Sports Science) / Bachelor	lor of Science (Cybercrime, No		
Therapy)*         Inverse           Bachelor of Science (Paramedical Science)*         No prior study in a particular course is required           Bachelor of Science         Applicants must satisfy the prerequisites for specific major(s) as noted below.           Data Science         A final school letter grade of C or higher in Mathematics Methods ATAR or equivalents           Mathematics         Mathematics Methods ATAR or Mathematics Specialist ATAR or equivalents           Physics         Physics ATAR and Mathematics Methods ATAR or equivalents           Bachelor of Science / Bachelor of Commerce (double degree)         Applicants must satisfy the prerequisites for specific major(s) as noted below.           Data Science         Achinal school letter grade of C or higher in Mathematics Methods ATAR (Year 11) or equivalent           Mathematics         Mathematics Methods ATAR or equivalents           Physics         Physics ATAR and Mathematics Specialist ATAR or equivalents           Mathematics         Mathematics Methods ATAR or Mathematics Specialist ATAR or equivalents           Physics         Physics ATAR and Mathematics Methods ATAR or equivalents           Bachelor of Science (Exercise & Specialist ATAR or equivalents           Bachelor of Science / Bachelor of Commerce (Sport Business) (double degree)           Bachelor of Science Production         No prior study in a particular course is required           Bachelor of Science Production         No prior study in a p		o prior study in a particular course is required	
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Engineering)       equivalent         Bachelor of Technology (Electrical       No prior study in a particular course is required       Mathematics Methods ATAF	lor of Technology (Chemical)	o prior study in a particular course is required	Mathematics Methods ATAR or equivalent
		o prior study in a particular course is required	Mathematics Methods ATAR or equivalent
Engineering, equivalent		o prior study in a particular course is required	Mathematics Methods ATAR or equivalent
Bachelor of Technology (Electronics and Communications Engineering)No prior study in a particular course is required equivalentMathematics Methods ATAF equivalent		o prior study in a particular course is required	Mathematics Methods ATAR or equivalent
and Computer Systems Engineering) equivalent	omputer Systems Engineering)		•
Engineering) equivalent	eering)	o prior study in a particular course is required	Mathematics Methods ATAR or equivalent
Physics ATAR or Engineerin Studies ATAR or equivalents			Mathematics Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR or equivalents
Bachelor of Visual Arts         No prior study in a particular course is required	lor of Visual Arts No	o prior study in a particular course is required	
Bachelor of Youth Work         No prior study in a particular course is required	lor of Youth Work No	o prior study in a particular course is required	
University Preparation Course         No prior study in a particular course is required	rsity Preparation Course No	o 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 recognizes that students do not always make up their minds about the career they would like until much later than Year 10. 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	
Asian Studies	No specific courses
Community Development	No specific courses
English and Creative Writing	No specific courses
History	No specific courses
Indonesian	No specific courses
International Aid and Development	No specific courses
Japanese	No specific courses
Philosophy	No specific courses
Politics and International Studies	No specific courses
Sociology	No specific courses
Sustainable Development	No specific courses
Theatre and Creative Production	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
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 (pathway to ATAR 90 Law course	s)
Crime Science	No specific courses
Criminal Behaviour	No specific courses
Legal Studies	No specific courses
Legal Studies White Collar and Corporate Crime	No specific courses
Legal Studies White Collar and Corporate Crime Bachelor of Criminology/Bachelor of Arts (combined	No specific courses No specific courses

COURSE	RECOMMENDED
Bachelor of Criminology/Bachelor of Communication	No specific courses
(combined degree)	
Bachelor of Criminology/Bachelor of Global Security (combined degree)	No specific courses
Bachelor of Criminology/Bachelor of Psychology (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 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	
Biology and Environmental Science	Biology ATAR, Mathematics Applications ATAR, Chemistry ATAR
Biology and Human Biology	Human Biology ATAR, Biology ATAR
Earth and Environmental Science	Mathematics Applications ATAR, Chemistry ATAR
English	English ATAR
Geography/Business & Enterprise	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
Physical Sciences	Physics ATAR
Politics (HASS)	Politics ATAR
Bachelor of Engineering (Hons)	
Electrical and Renewable Energy Engineering	Mathematics Methods ATAR <sup>4</sup> , Mathematics Specialist ATAR Physics ATAR
Environmental Engineering	Mathematics Methods ATAR <sup>4</sup> , Mathematics Specialist ATAR Physics ATAR
Industrial Control and Automation Engineering	Mathematics Methods ATAR <sup>4</sup> , Mathematics Specialist ATAR Physics ATAR
Bachelor of Engineering Technology	
Industrial Control and Automation Engineering	Mathematics Methods ATAR <sup>4</sup> , Mathematics Specialist ATAR Physics ATAR
Electrical and Renewable Energy Engineering	Mathematics Methods ATAR <sup>4</sup> , Mathematics Specialist ATAR Physics ATAR
Environmental Engineering	Mathematics Methods ATAR <sup>4</sup> , Mathematics Specialist ATAR Physics ATAR
Bachelor of Global Security	
Cyberspace, Policy and Security	No specific courses
Environment, Conflict and Security	No specific courses
Politics and International Studies	No specific courses
Terrorism and Counterterrorism Studies	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 Mathematics Applications ATAR
Internetworking and Network Security	Mathematics Applications ATAR Mathematics Applications ATAR
Bachelor of Laws	
	No specific courses
Law	No specific courses
Law/Arts (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

COURSE	RECOMMENDED
Law/Global Security (combined degree)	No specific courses
Law/Information Technology (combined degree)	No specific courses
Law/Psychology (combined degree)	No specific courses
Law/Science (combined degree)	No specific courses
Bachelor of Psychology	Mathematics Methods ATAR
Sciences	
Agricultural Sciences (BSc)	
Animal Health	Mathematics Methods ATAR, Chemistry ATAR, Biology ATAR
Animal Science	Mathematics Methods ATAR, Chemistry ATAR, Biology ATAR
Crop and Pasture Science	Chemistry ATAR, Mathematics Applications ATAR
Veterinary Science	
Veterinary Science BSc (Veterinary Biology) which progresses into an integrated DVM (Doctor of Veterinary Medicine)	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 and Management	Mathematics Applications ATAR, Chemistry ATAR
Marine Biology	Mathematics Applications ATAR, Chemistry ATAR
Health	
Chiropractic Science & Clinical Chiropractic (BSc+BClinChiro)	Mathematics Methods 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
Nursing	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/Psychology (combined degree)	Mathematics Methods ATAR, Human Biology ATAR, Physical Education studies ATAR.
Forensic Science	
Forensic Chemistry and Toxicology	Chemistry ATAR, Mathematics Applications ATAR, Biology or Human Biology ATAR
Forensic Biology	Chemistry ATAR, Mathematics Applications ATAR, Biology or Human Biology ATAR
Biomedical Science	
Genetics and Biotechnology	Chemistry ATAR, Mathematics Applications ATAR, Biology or Human Biology ATAR
Pharmacology and Toxicology	Chemistry ATAR, Mathematics Applications ATAR, Biology or Human Biology ATAR
Microbiology and Immunology	Chemistry ATAR, Mathematics Applications ATAR, Biology or Human Biology ATAR
Biomedicine	Chemistry ATAR, Mathematics Applications ATAR, Biology or Human Biology ATAR
Clinical Laboratory Science	Chemistry ATAR, Mathematics Applications ATAR, Biology or Human Biology ATAR
Biochemistry and Nutrition	Chemistry ATAR, Mathematics Applications ATAR, Biology or Human Biology ATAR
Bachelor of Science (Mathematical Sciences)	
Mathematics and Statistics	Mathematics Methods ATAR
Bachelor of Science (Physical Sciences)	
Chemistry	Chemistry ATAR
Physics Dischargistry and Nutritian	Physics ATAR
Biochemistry and Nutrition	
Enabling courses OnTrack Enabling course	Completion of Year 11 and 12 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.
OnTrack Sprint (4 week Pre-university program)	ATAR of 60.00-69.95 OR a student who has achieved an 'A' or 'B' average in General Year 12 subjects OR a student who has not undertaken a full suite of ATAR subjects, but may have performed well in 2 or 3 subjects

## 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). However, these are purely a recommendation and do not affect entry. Additional requirements are also outlined.

COURSE	DESIRABLE
ARTS AND SCIENCES	
Bachelor of Arts	
Archaeology	No specific subject recommended
Behavioural Science	Psychology ATAR
English Literature	English ATAR or Literature ATAR
Environmental Management	Earth and Environmental Science ATAR
History	Modern History ATAR or Ancient History ATAR
Journalism	Media Production and Analysis ATAR
Mathematics	Mathematics Methods ATAR or Mathematics Applications ATAR
Philosophy	Philosophy and Ethics ATAR
Politics and International Relations	Politics and Law ATAR
Screen Arts	No specific subject recommended
Social Justice	No specific subject recommended
Theology	Religion and Life ATAR
Bachelor of Arts (Architecture)	No specific subject recommended
Bachelor of Arts in Psychology	Psychology ATAR
Bachelor of Arts/Bachelor of Behavioural Science	Psychology ATAR and/or ATAR subject in preferred Notre Dame Bachelor of Arts
(double degree)	major discipline area
Bachelor of Arts (Politics and Journalism)	Politics & Law ATAR
Bachelor of Arts (Politics and Journalism)/ Bachelor of Behavioural Science (double degree)	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 (double degree)	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 (double degree)	Media Production & Analysis ATAR and/or Psychology ATAR
Bachelor of Computer Science	Mathematics Methods ATAR or Mathematics Applications ATAR
Bachelor of Counselling	Psychology ATAR 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).
Bachelor of Science	Any Science ATAR subject
Bachelor of Science/Bachelor of Arts (double	Any Science ATAR subject and/or ATAR subject in preferred Notre Dame
degree) Bachelor of Science/Bachelor of Behavioural	Bachelor of Arts Major discipline area Any Science ATAR subject and/or Psychology ATAR
Science (double degree)	
BUSINESS	
Bachelor of Accounting	Business Management and Enterprise ATAR and/or Accounting & Finance ATAR and/or Mathematics Applications ATAR
Bachelor of Business Administration	Business Management and Enterprise ATAR and/or Accounting & Finance ATAR
Bachelor of Commerce	
Accounting	Business Management and Enterprise ATAR and/or Accounting & Finance ATAR and/or Mathematics Applications ATAR
Economics	Business Management and Enterprise ATAR and/or Economics ATAR
Finance	Business Management and Enterprise ATAR and/or Accounting & Finance ATAR and/or Mathematics Applications ATAR
Human Resource Management	Business Management and Enterprise ATAR
Management	Business Management and Enterprise ATAR
Marketing	Business Management and Enterprise ATAR
Public Relations	Business Management and Enterprise ATAR
Bachelor of Commerce/Bachelor of Arts (double	Business Management and Enterprise ATAR and/or Accounting & Finance ATAR,
degree)	/ ATAR subject in preferred Notre Dame Bachelor of Arts major discipline area

COURSE	DESIRABLE
Bachelor of Commerce/Bachelor of Behavioural	Business Management and Enterprise ATAR and/or Accounting & Finance ATAR
Science (double degree)	/ Psychology ATAR
Bachelor of Commerce/Bachelor of Communications and Media (double degree)	Business Management and Enterprise ATAR / Media Production & Analysis ATAR
Bachelor of Commerce/Bachelor of Science	Business Management and Enterprise ATAR and/or Accounting & Finance ATAR
(double degree) Bachelor of Commerce/Bachelor of Sport and	/ any Science-related ATAR subject
Recreation Management (double degree)	Business Management and Enterprise ATAR / Physical Education Studies ATAR
Bachelor of Human Resource Management	Business Management and Enterprise ATAR
Bachelor of Human Resource	Business Management and Enterprise ATAR / ATAR subject in preferred Notre
Management/Bachelor of Arts ( <i>double degree</i> ) Bachelor of Human Resource	Dame Bachelor of Arts Major discipline area
Management/Bachelor of Behavioural Science (double degree)	Business Management and Enterprise ATAR / Psychology ATAR
Bachelor of Marketing and Public Relations	Business Management and Enterprise ATAR
Bachelor of Marketing and Public	Business Management and Enterprise ATAR / ATAR subject in preferred Notre
Relations/Bachelor of Arts (double degree) Bachelor of Marketing and Public	Dame Bachelor of Arts Major discipline area
Relations/Bachelor of Behavioural Science (double degree)	Business Management and Enterprise ATAR / Psychology ATAR
Bachelor of Marketing and Public Relations/Bachelor of Communications and Media ( <i>double degree</i> )	Business Management and Enterprise ATAR / Media Production & Analysis ATAR
Bachelor of Sport and Recreation Management	Business Management and Enterprise ATAR
Bachelor of Sport and Recreation Management/Bachelor of Communications and Media ( <i>double degree</i> )	Business Management and Enterprise ATAR and/or Media Production & Analysis ATAR
LAW	
Bachelor of Laws	Politics and Law ATAR
Bachelor of Laws/Bachelor of Arts (double	Politics and Law ATAR / ATAR subject in preferred Notre Dame Bachelor of Arts
<i>degree)</i> Bachelor of Laws/Bachelor of Arts (Politics and	Major discipline area
Journalism) (double degree)	Politics and Law ATAR
Bachelor of Laws/Bachelor of Behavioural Science (double degree)	Politics and Law ATAR / Psychology ATAR
Bachelor of Laws/Bachelor of Biomedical Science	Politics and Law ATAR / Mathematics Applications ATAR, Chemistry ATAR,
(double degree) Bachelor of Laws/Bachelor of Commerce (double	Human Biology ATAR or Biology ATAR Politics and Law ATAR / ATAR subject in preferred Notre Dame Bachelor of
degree) Bachelor of Laws/Bachelor of Communications	Commerce Major discipline area Politics and Law ATAR / Media Production & Analysis ATAR
and Media <i>(double degree)</i> Bachelor of Laws/Bachelor of Human Resource	
Management (double degree)	Politics and Law ATAR / Business Management and Enterprise ATAR
Bachelor of Laws/Bachelor of Marketing and Public Relations (double degree)	Politics and Law ATAR / Business Management and Enterprise ATAR
Bachelor of Laws/Bachelor of Philosophy (double degree)	Politics and Law ATAR / Business Management and Enterprise ATAR
Bachelor of Laws/Bachelor of Science (double degree)	Politics and Law ATAR / Business Management and Enterprise ATAR
Bachelor of Laws/ Bachelor of Philosophy, Politics and Economics	Politics and Law ATAR / Philosophy and Ethics ATAR
NURSING	
Bachelor of Nursing	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 (double degree)	Mathematics Applications ATAR, or Chemistry ATAR, or Human Biology ATAR, or Biology ATAR / ATAR subject in preferred Notre Dame Bachelor of Commerce Major discipline area
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

COURSE	DESIRABLE
Bachelor of Health Promotion	Human Biology ATAR and/or Business Management and Enterprise ATAR
Bachelor of Occupational Therapy (Honours)	TBC Physical Education Studies ATAR and/or Human Biology ATAR
PHYSIOTHERAPY	
Bachelor of Physiotherapy	Recommended: Mathematics Specialist or Methods ATAR, Human Biology ATAR, Physics ATAR or Chemistry ATAR Desirable: Biology ATAR, Physical Education Studies ATAR or Mathematics Applications ATAR
Bachelor of Physiotherapy/Bachelor of Exercise and Sport Science (double degree)	Recommended: Mathematics Specialist or Methods ATAR, Human Biology ATAR, Physics ATAR or Chemistry ATAR Desirable: Biology ATAR, Physical Education Studies ATAR or Mathematics Applications ATAR
EDUCATION	
Bachelor of Education (Early Learning)	No specific subject recommended. 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) <sup>1</sup>	No specific subject recommended. 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)/Bachelor of Arts (double degree)	No specific subject recommended / ATAR subject in preferred Notre Dame Bachelor of Arts Major discipline area. 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)/Bachelor of Behavioural Science <i>(double degree)</i>	No specific subject recommended / Psychology ATAR 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)/Bachelor of Science (double degree)	No specific subject recommended / Psychology ATAR 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 (Secondary)	Mathematics ATAR subject and/or Science ATAR subject and/or Humanities ATAR subject 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 (Secondary)/Bachelor of Arts (double degree)	Mathematics ATAR subject and/or Science ATAR subject and/or Humanities ATAR subject / ATAR subject in preferred Notre Dame Bachelor of Arts Major discipline area 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 (Secondary)/Bachelor of Behavioural Science <i>(double degree)</i>	Mathematics ATAR subject and/or Science ATAR subject and/or Humanities ATAR subject / Psychology ATAR 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 (Secondary)/Bachelor of Science (double degree)	Mathematics ATAR subject and/or Science ATAR subject and/or Humanities ATAR subject 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.
PHILOSOPHY AND THEOLOGY	
Bachelor of Philosophy	Philosophy and Ethics ATAR
Bachelor of Philosophy/Bachelor of Theology (double degree)	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
Bachelor of Philosophy, Politics and Economics	Philosophy and Ethics ATAR
ENABLING PROGRAM	
Tertiary Pathway Program	No prior study in a particular course is required
Tertiary Pathway Program (Nursing)	No prior study in a particular course is required
UniPath 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 2028. 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
ARCHITECTURE, DESIGN AND PLANNIN	G	
Bachelor of Environmental Design		
<ul> <li>Architecture (Extended Major)</li> <li>Environmental Geography and Planning</li> <li>Landscape Architecture</li> </ul>	No previous study in a particular course is required	
Bachelor of Philosophy (Honours)		
<ul> <li>Refer to your chosen major/s for prerequisit</li> </ul>	ites and recommended subjects	
ASSURED PATHWAYS		
Environmental Design or Bachelor of	Refer to your chosen majors for prerequisites and recommended requires completion of the bachelor's degree with a UWA weighte least 60%	subjects. Progression ad average mark of at
Master of Landscape Architecture via Bachelor of Environmental Design or Bachelor of Philosophy (Honours)	Refer to your chosen majors for prerequisites and recommended requires completion of the bachelor's degree with a UWA weighte least 60%	
BUSINESS AND COMMERCE		
Bachelor of Agribusiness		
Agribusiness and Agricultural Science	Mathematics Methods ATAR or Mathematics Applications ATAR taken in the first year. Students without ATAR Mathematics will ta mathematics units.	
Bachelor of Arts		
<ul> <li>Communication and Media Studies</li> <li>Work and Employment Relations</li> </ul>	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		
<ul> <li>Accounting</li> <li>Business Law</li> <li>Finance</li> <li>Human Resource Management</li> <li>Management</li> <li>Marketing</li> </ul>	Mathematics Applications ATAR or a mathematics unit taken in the first year.	
<ul><li>Business Analytics</li><li>Business Economics</li></ul>	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 Economics		
<ul> <li>Financial Economics (Extended Major)</li> <li>Economics (Extended Major)</li> </ul>	Mathematics Methods ATAR or Mathematics Applications ATAR taken in the first year. Students without ATAR Mathematics will ta mathematics units.	
Bachelor of Philosophy, Politics and Eco	nomics	
Philosophy, Politics and Economics (Extended Major)	No previous study in a particular course is required	

COURSE	PREREQUISITES RECOMMENDED	
Bachelor of Philosophy (Honours)		
Refer to your chosen majors for prerequisite	es and recommended subjects	
COMBINED BACHELOR'S DEGREES		
<ul> <li>Bachelor of Agricultural Science and Bachelor of Commerce</li> <li>Bachelor of Economics and Bachelor of Commerce</li> </ul>	Refer to your chosen majors for prerequisites and recommended subjects.	
Bachelor of Commerce	Mathematics Methods ATAR and at least one of the following three subjects: Mathematics Specialist ATAR, Chemistry ATAR or Physics ATAR. 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.	
<ul> <li>Bachelor of Environmental Science and Bachelor of Commerce</li> <li>Bachelor of Human Rights and Bachelor of Commerce</li> <li>Bachelor of Modern Languages and Bachelor of Business</li> </ul>	Refer to your chosen majors for prerequisites and recommended subjects.	
Dusiness	Performance/Musicology/Studio Teaching streams: A practical requirement equivalent of AMEB Grade 7 (demonstrated by an audition) and a strong background in music theory. Composition stream: A practical requirement equivalent of AMEB Grade 5 (demonstrated by an audition) and a background in music theory and a portfolio. Creative Music Technology stream: A practical requirement equivalent of AMEB Grade 4 (demonstrated by an audition) and a background in music theory and a portfolio.	
<ul> <li>Bachelor of Philosophy, Politics and Economics and Bachelor of Commerce</li> <li>Bachelor of Psychology and Bachelor of Commerce</li> <li>Bachelor of Media and Communication and Bachelor of Commerce</li> </ul>	Refer to your chosen majors for prerequisites and recommended subjects.	
COMBINED BACHELOR'S AND MASTER'	'S DEGREES	
Economics	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 AND COMPUTER SCIENCE		
Bachelor of Advanced Computer Science	e (Honours)	
<ul> <li>Artificial Intelligence</li> <li>Computing and Data Science</li> <li>International Cybersecurity</li> <li>Quantum Computing (Extended Major)</li> </ul>	Mathematics Methods ATAR	
Bachelor of Science		
<ul><li>Computer Science</li><li>Cybersecurity</li><li>Data Science</li></ul>	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		
Bachelor of Education (Primary) (Honour	s)	
Primary Education	Applicants must submit a satisfactory personal statement.	
COMBINED BACHELOR'S AND MASTER'	'S DEGREES	
Bachelor of Arts and Master of Teaching (Secondary)	Refer to your chosen major/s for further prerequisites and recommended subjects. In addition, applicants must submit a satisfactory personal statement.	
Bachelor of Science and Master of	Refer to your chosen major/s for further prerequisites and recommended subjects. In addition, applicants must submit a satisfactory personal statement.	

COURSE	PREREQUISITES	RECOMMENDED
ASSURED PATHWAYS		
Master of Teaching (Secondary) via a range of Bachelor's degrees	Refer to your chosen majors for prerequisites and recommended s progression requires completion of the bachelor's degree relevant areas in the Secondary school curriculum with a UWA weighted a 60% and a satisfactory personal statement.	t to one or more learning
ENGINEERING		
Bachelor of Engineering (Honours)		
<ul> <li>Automation and Robotics Engineering (Extended Major)</li> <li>Biomedical Engineering (Extended Major Chemical Engineering (Extended Major)</li> <li>Civil Engineering (Extended Major)</li> <li>Electrical and Electronic Engineering (Extended Major)</li> <li>Environmental Engineering (Extended Major)</li> <li>Mechanical Engineering (Extended Major)</li> <li>Mining Engineering (Extended Major)</li> <li>Software Engineering (Extended Major)</li> </ul>	Mathematics Methods ATAR and at least one of the followir Mathematics Specialist ATAR, Chemistry ATAR or Physics Note: All four subjects are recommended. If you don't have need to take specified bridging units in your first year. br)	ATAR.
COMBINED BACHELOR'S DEGREES		
<ul> <li>Bachelor of Engineering (Honours) a Bachelor of Arts</li> <li>Bachelor of Engineering (Honours) a Bachelor of Commerce</li> <li>Bachelor of Engineering (Honours) a Bachelor of Modern Languages</li> <li>Bachelor of Engineering (Honours) a Bachelor of Philosophy (Honours)</li> <li>Bachelor of Engineering (Honours) a Bachelor of Science</li> </ul>	nd Mathematics Methods ATAR and at least one of the followin Mathematics Specialist ATAR, Chemistry ATAR or Physics Note: All four subjects are recommended. If you don't have need to take specified bridging units in your first year.	ATAR.
HEALTH AND BIOMEDICAL SCIENCES		
Aboriginal Health and Wellbeing		
Public Health	Mathematics Applications ATAR or a mathematics unit taken in th	e first year.
Anatomy and Human Biology	Mathematics Methods ATAR or Mathematics Applications ATAR water in the first year. Students without ATAR Mathematics will ta mathematics units.	
Biochemistry and Molecular 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 or a chemistry unit taken in the first year.	Biology ATAR
<ul><li>Exercise and Health</li><li>Humanities in Health and Medicine</li></ul>	Mathematics Applications ATAR or a mathematics unit taken in the first year.	Mathematics Methods
<ul><li>Genetics</li><li>Physiology</li></ul>	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.	
<ul><li>Microbiology and Immunology</li><li>Neuroscience</li></ul>	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.	
<ul> <li>Pathology and Laboratory Medicine</li> <li>Pharmacology</li> </ul>	Mathematics Methods ATAR or Mathematics Applications ATAR v taken in the first year. Students without ATAR Mathematics will ta mathematics units. Chemistry ATAR or a chemistry unit taken in the first year. Human Biology ATAR or Biology ATAR or a human biology or biology	ke two first-year
Bachelor of Biomedicine (Specialised)		-
Integrated Dental Sciences (Extended Major) *Only available via Assured Pathway to Doctor of Dental Medicine	Mathematics Applications ATAR OR a mathematics unit taken in t Chemistry ATAR OR a chemistry unit taken in the first year.	the first year.

COURSE	PREREQUISITES	RECOMMENDED
Integrated Medical Sciences and Clinical Practice (Extended Major) *Only available via Assured Pathway to Doctor of Medicine	Mathematics Applications ATAR OR a mathematics unit taken in t Chemistry ATAR OR a chemistry unit taken in the first year.	he first year.
Medical Science (Extended Major)	Mathematics Applications ATAR OR a mathematics unit taken in the first year.	he first year.
Podiatric Health and Medical Sciences (Extended Major) *Only available via Assured Pathway to Doctor of Podiatric Medicine	Mathematics Applications ATAR OR a mathematics unit taken in t Chemistry ATAR OR a chemistry unit taken in the first year.	he first year.
Bachelor of Human Sciences		
<ul> <li>Human Sciences (Anatomy and Physiology) (Extended Major)</li> <li>Human Sciences and Data Analytics (Extended Major)</li> <li>Human Sciences and Neuroscience (Extended Major)</li> </ul>	Mathematics Methods ATAR or Mathematics Applications ATAR we taken in the first year. Students without ATAR Mathematics will ta mathematics units. Chemistry ATAR or a chemistry unit taken in the first year.	
Bachelor of Molecular Sciences		
<ul> <li>Biochemistry of Nutrition (Extended Major)</li> <li>Molecular Life Sciences (Extended Major)</li> </ul>	Mathematics Methods ATAR or Mathematics Applications ATAR v taken in the first year. Students without ATAR Mathematics will ta mathematics units. Chemistry ATAR or a chemistry unit taken in the first year.	
Bachelor of Nursing (Honours) <sup>3</sup>		
Nursing	No previous study in a particular course is required	
Bachelor of Science	[	
Anatomy and Human Biology	Mathematics Methods ATAR or Mathematics Applications ATAR we taken in the first year. Students without ATAR Mathematics will taken mathematics units.	
<ul> <li>Biochemistry and Molecular Biology</li> <li>Microbiology and Immunology</li> <li>Neuroscience</li> </ul>	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 a mathematics unit taken in the first year.	Mathematics Methods ATAR
<ul><li>Chemistry</li><li>Genetics</li><li>Physiology</li></ul>	Mathematics Methods ATAR or Mathematics Applications ATAR we taken in the first year. Students without ATAR Mathematics will ta mathematics units. Chemistry ATAR or a chemistry unit taken in the first year.	
Sport Science	No previous study in a particular course is required	Mathematics Applications ATAR
Bachelor of Molecular Sciences	•	•
<ul> <li>Biochemistry of Nutrition (Extended Major)</li> <li>Molecular Life Sciences (Extended Major)</li> </ul>	Mathematics Methods ATAR or Mathematics Applications ATAR we taken in the first year. Students without ATAR Mathematics will ta mathematics units. Chemistry ATAR or a chemistry unit taken in the first year.	
Bachelor of Social Work (Honours)		
Social Work (Extended Major)	No previous study in a particular course is required	
Bachelor of Sport and Exercise Sciences Sport Science, Exercise & Health (Extended Major)	Mathematics Applications ATAR or a mathematics unit taken in the first year.	Mathematics Methods ATAR
Bachelor of Philosophy (Honours)	μπο ποι γοαι.	
Refer to your chosen major/s for prerequisit	es and recommended subjects	
ASSURED PATHWAYS	· · · · · · · · · · · · · · · · · · ·	
<b>Doctor of Dental Medicine</b> via Bachelor of Biomedicine (Specialised) Integrated Dental Sciences	Prerequisites from your major, UCAT ANZ, and interview. Note pr completion of the bachelor's degree with a UWA Selection GPA o	ogression requires f 5.5.
<b>Doctor of Medicine</b> via Bachelor of Biomedicine (Specialised) Integrated Medical Sciences and Clinical Practice	Prerequisites from your major, UCAT ANZ, and interview. Note pr completion of the bachelor's degree with a UWA Selection GPA o	
<b>Doctor of Podiatric Medicine</b> via Bachelor of Biomedicine (Specialised) - Podiatric Health and Medical Sciences (Extended Major)	Refer to your chosen majors for prerequisites and recommended progression requires completion of the bachelor's degree with a U 5.0 and Podiatry prerequisite units.	

COURSE	PREREQUISITES RECOMMENDED
Biomedical Science or Bachelor of Philosophy (Honours)	Refer to your chosen majors for prerequisites and recommended subjects. Note progression requires completion of the bachelor's degree with a UWA Weighted Average Mark of 60%.
COMBINED BACHELOR'S AND MASTER'	S DEGREES
<ul> <li>Bachelor of Human Sciences and Master of Bioinformatics</li> <li>Bachelor of Molecular Sciences and Master of Biomedical Science</li> <li>Bachelor of Molecular Sciences and Master of Bioinformatics</li> <li>Bachelor of Molecular Sciences and Master of Biotechnology</li> </ul>	Chemistry ATAR is required. 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
<ul> <li>Bachelor of Sport and Exercise Sciences and Master of Clinical Exercise Physiology</li> <li>Bachelor of Sport and Exercise Sciences and Master of Public Health</li> <li>Bachelor of Sport and Exercise Sciences and Master of Applied Human Performance Science</li> </ul>	Refer to your chosen majors for prerequisites and recommended subjects.
Bachelor of Human Sciences and Master of Pharmacy Pharmaceutical Health <sup>1</sup>	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. Applicants require at least Chemistry ATAR OR Mathematics Application ATAR (or higher) to be admitted.
HUMANITIES AND SOCIAL SCIENCES	
Bachelor of Arts	
<ul> <li>Indigenous Knowledge, History and Heritage</li> <li>Indonesian Studies</li> <li>Italian Studies</li> <li>Japanese Studies</li> <li>Korean Studies</li> <li>Law and Society</li> <li>Linguistics</li> <li>Music and Society</li> <li>Philosophy</li> <li>Political Science and International Relations</li> <li>Psychological and Behavioural Sciences</li> <li>Spanish Studies</li> <li>Work and Employment Relations</li> </ul>	No previous study in a particular course is required
Music: General Studies <sup>2</sup>	A practical requirement equivalent of AMEB Grade 5, demonstrated by an audition (not required if taken as a second major) and a background in music theory. A portfolio is also required for applicants for composition.

COURSE		PREREQUISI	TES	RECOMMENDED
	Biomedical Science			
Aboriginal He	ealth and Wellbeing	Mathematics A	Applications ATAR or a mathematics unit taken in th	ne first year.
Humanities ir	n Health and Medicine	Mathematics A the first year.	Applications ATAR or a mathematics unit taken in	Mathematics Methods ATAR
Bachelor of	Human Rights			
Human Right	ts (Extended Major)	No previous st	tudy in a particular course is required	
Bachelor of	International Relations			
International F	Relations (Extended Major)	No previous st	tudy in a particular course is required	
Bachelor of	Bachelor of Media and Communication			
Media and C	ommunication (Extended Majo	r) No previous	s study in a particular course is required	
Bachelor of	Art History and Curatorial St	udies		
No previous	study in a particular course is r	equired		
Bachelor of	Modern Languages			
Chinese				
• French S				
German	Studies an Studies			
<ul> <li>Indonesi</li> <li>Italian St</li> </ul>		No previous st	tudy in a particular course is required	
	e Studies			
Korean S				
<ul> <li>Spanish</li> </ul>	Studies			
Bachelor of	Philosophy, Politics and Eco	nomics		
Philosophy, F	Politics & Economics (Extended	d Major) No pr	revious study in a particular course is required	
Bachelor of	Philosophy (Honours)			
Refer to your	chosen major/s for prerequisit	es and recomm	nended subjects	
Bachelor of	Social and Environmental Su	ustainability		
Social and E	nvironmental Sustainability (Ex	tended Major)	No previous study in a particular course is required	
COMBINED	BACHELOR'S DEGREES		•	
Bachelor of	Agricultural Science and Bac	chelor of Arts	Refer to your chosen majors for prerequisites and	recommended subjects
Bachelor of Bachelor of	Criminology and Criminal Ju Arts	stice and		
			No previous study in a particular course is required	1
of Arts	or of Engineering (Honours) a	and Bachelor		
Bachala		and Bachelor	No previous study in a particular course is required Mathematics Methods ATAR and at least one of th subjects: Mathematics Specialist ATAR, Chemistry	e following three
	or of Engineering (Honours) a	and Bachelor	Mathematics Methods ATAR and at least one of th subjects: Mathematics Specialist ATAR, Chemistry ATAR.	e following three ATAR or Physics
of Mode • Bachelo	or of Engineering (Honours) a rn Languages or of Engineering (Honours) a	and Bachelor and Bachelor	Mathematics Methods ATAR and at least one of th subjects: Mathematics Specialist ATAR, Chemistry	e following three ATAR or Physics on't have all four subjects
of Mode • Bachelo of Philos	or of Engineering (Honours) a orn Languages	and Bachelor and Bachelor and Bachelor	Mathematics Methods ATAR and at least one of th subjects: Mathematics Specialist ATAR, Chemistry ATAR. Note: All four subjects are recommended. If you do	e following three ⁄ ATAR or Physics on't have all four subjects irst year.
of Mode • Bachelo of Philo: • Bachelo of Arts	or of Engineering (Honours) a orn Languages or of Engineering (Honours) a sophy (Honours)	and Bachelor and Bachelor and Bachelor and Bachelor	Mathematics Methods ATAR and at least one of th subjects: Mathematics Specialist ATAR, Chemistry ATAR. Note: All four subjects are recommended. If you do you'll need to take specified bridging units in your f	e following three ATAR or Physics on't have all four subjects irst year. recommended subjects
of Mode • Bachelo of Philos • Bachelo of Arts • Bachelo	or of Engineering (Honours) a orn Languages or of Engineering (Honours) a sophy (Honours) or of Environmental Science a or of Human Rights and Bach or of Human Rights and Bach	and Bachelor and Bachelor and Bachelor and Bachelor elor of Arts	Mathematics Methods ATAR and at least one of th subjects: Mathematics Specialist ATAR, Chemistry ATAR. Note: All four subjects are recommended. If you do you'll need to take specified bridging units in your f Refer to your chosen majors for prerequisites and	e following three ATAR or Physics on't have all four subjects irst year. recommended subjects
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of Mode Bachelo of Philo Bachelo of Arts Bachelo Comme Bachelo Pharma Bachelo	or of Engineering (Honours) a frn Languages or of Engineering (Honours) a sophy (Honours) or of Environmental Science a or of Human Rights and Bach or of Human Rights and Bach rce or of Human Sciences and Ma	and Bachelor and Bachelor and Bachelor and Bachelor elor of Arts elor of aster of	Mathematics Methods ATAR and at least one of th subjects: Mathematics Specialist ATAR, Chemistry ATAR. Note: All four subjects are recommended. If you do you'll need to take specified bridging units in your f Refer to your chosen majors for prerequisites and No previous study in a particular course is required Refer to your chosen majors for prerequisites and Refer to your chosen majors for prerequisites and *Subject to final approval	e following three ATAR or Physics on't have all four subjects irst year. recommended subjects
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of Mode Bachelo of Philo Bachelo of Arts Bachelo Comme Bachelo Pharma Bachelo Bachelo Bachelo Bachelo	or of Engineering (Honours) a son Languages or of Engineering (Honours) a sophy (Honours) or of Environmental Science a or of Human Rights and Bach or of Human Rights and Bach rof Human Sciences and Ma cy <sup>1</sup> or of International Relations ar or of Media and Communicati or of Arts or of Media and Communicati	and Bachelor and Bachelor and Bachelor and Bachelor elor of Arts elor of aster of aster of on and on and	Mathematics Methods ATAR and at least one of th subjects: Mathematics Specialist ATAR, Chemistry ATAR. Note: All four subjects are recommended. If you do you'll need to take specified bridging units in your f Refer to your chosen majors for prerequisites and No previous study in a particular course is required Refer to your chosen majors for prerequisites and *Subject to final approval No previous study in a particular course is required *Subject to final approval No previous study in a particular course is required *Subject to final approval	e following three v ATAR or Physics on't have all four subjects irst year. recommended subjects t recommended subjects
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of Mode Bachelo of Philo Bachelo of Arts Bachelo Comme Bachelo Pharma Bachelo Bachelo Bachelo Bachelo	or of Engineering (Honours) a son Languages or of Engineering (Honours) a sophy (Honours) or of Environmental Science a or of Human Rights and Bach or of Human Rights and Bach rce or of Human Sciences and Ma cy <sup>1</sup> or of International Relations ar or of Media and Communicati or of Arts or of Media and Communicati or of Media and Communicati	and Bachelor and Bachelor and Bachelor and Bachelor elor of Arts elor of aster of aster of on and on and lor of Arts <sup>1</sup>	Mathematics Methods ATAR and at least one of th subjects: Mathematics Specialist ATAR, Chemistry ATAR. Note: All four subjects are recommended. If you do you'll need to take specified bridging units in your f Refer to your chosen majors for prerequisites and No previous study in a particular course is required Refer to your chosen majors for prerequisites and *Subject to final approval No previous study in a particular course is required *Subject to final approval No previous study in a particular course is required *Subject to final approval Mathematics Specialist ATAR required for Bachelo Bachelor of Arts	e following three v ATAR or Physics on't have all four subjects irst year. recommended subjects t recommended subjects

COURSE	PREREQUISI	TES	RECOMMENDED
Bachelor of Modern Languages and Bachelor of Arts		No previous study in a particular course is required	
Bachelor of Modern Languages and Bachelor of Biomedical Science		Refer to your chosen majors for prerequisites and recommended subjects	
Bachelor of Modern Languages and Bachelor of Business		No previous study in a particular course is required	
Bachelor of Modern Languages and E Science	Bachelor of	Refer to your chosen majors for prerequisites and r	ecommended subjects
Bachelor of Music and Bachelor of Arts <sup>2</sup>		A practical requirement equivalent of AMEB Grade audition (not required if taken as a second major) a music theory. A portfolio is also required for applica Refer to your chosen majors for prerequisites and r	nd a background in ints for composition.
Bachelor of Philosophy (Honours) and Bachelor of		Refer to your chosen majors for prerequisites and r	ecommended subjects
Modern Languages Bachelor of Philosophy, Politics and Econo Bachelor of Arts	mics and	No previous study in a particular course is required	
Bachelor of Philosophy, Politics and Economic Bachelor of Commerce	cs and	Refer to your chosen majors for prerequisites and r	ecommended subjects
Bachelor of Psychology and Bachelor of		No previous study in a particular course is required	
Bachelor of Social and Environmental Su and Bachelor of Arts	stainability	No previous study in a particular course is required	
ASSURED PATHWAYS			
Bachelor of Arts or Bachelor of Philosophy	progression re	chosen majors for prerequisites and recommended s equires completion of the bachelor's degree with a U n the Level 3 units of a relevant Language major.	subjects. Note WA Weighted Average
LAW			
Bachelor of Arts			
	•	tudy in a particular course is required	
-	No previous s	tudy in a particular course is required	
Bachelor of Commerce	Mathematics A	Applications ATAR or a mathematics units taken in	
	the first year	T	
Bachelor of Criminology and Criminal Just Criminology and Criminal Justice		tudy in a particular source is required	
	no previous s	tudy in a particular course is required	
Bachelor of Philosophy (Honours) Refer to your chosen major/s for prerequisite	a and recomm	aandad aubiaata	
COMBINED BACHELOR'S DEGREES			
Bacholor of Criminology and Criminal	No previous s	tudy in a particular course is required	
ASSURED PATHWAYS			
Bachelor's degrees	w) via a wide range of Refer to your chosen majors for prerequisites and recommended subjects. Note progression requires completion of the bachelor's degree, with a LIWA Grade Point		
MUSIC AND FINE ARTS			
Bachelor of Arts			
<ul> <li>Fine Arts</li> <li>History of Arts</li> <li>Music: Electronic Music &amp; Sound Design</li> </ul>		s study in a particular course is required	
Music: Contemporary Popular Music <sup>2</sup>		quirement equivalent of AMEB Grade 5, demonstrate o required for applicants for composition.	ed by an audition. A
	portfolio is als	quirement equivalent of AMEB Grade 5, demonstrate o required for applicants for composition.	-
Music: Music Studies <sup>2</sup>	required if take required for ap	quirement equivalent of AMEB Grade 5, demonstrate en as a second major) and a background in music th oplicants for composition.	eory. A portfolio is also
		quirement equivalent of AMEB Grade 5, demonstrate o required for applicants for composition.	ed by an audition. A

COURSE	PREREQUISITES	RECOMMENDED
Bachelor of Music <sup>2</sup>		
Music (Extended Major) <sup>2</sup>	Performance/Musicology/Studio Teaching streams: A practical re AMEB Grade 7 (demonstrated by an audition) and a strong backg Composition stream: A practical requirement equivalent of AMEB by an audition) and a background in music theory and a portfolio. Creative Music Technology stream: A practical requirement equi (demonstrated by an audition) and a background in music theory a	round in music theory. 3 Grade 5 (demonstrated valent of AMEB Grade 4
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisit	es and recommended subjects	
COMBINED BACHELOR'S DEGREES		
<ul> <li>Bachelor of Music and Bachelor of Arts <sup>2</sup></li> <li>Bachelor of Music and Bachelor of Business <sup>2</sup></li> <li>Bachelor of Music and Bachelor of Biomedical Science <sup>2</sup></li> <li>Bachelor of Music and Bachelor of Science <sup>2</sup></li> </ul>	Performance/Musicology/Studio Teaching streams: A practical re AMEB Grade 7 (demonstrated by an audition) and a strong backg Composition stream: A practical requirement equivalent of AMEE by an audition) and a background in music theory and a portfolio. Creative Music Technology stream: A practical requirement equiv (demonstrated by an audition) and a background in music theory a	round in music theory. 3 Grade 5 (demonstrated alent of AMEB Grade 4
NATURAL AND PHYSICAL SCIENCES		
AGRICULTURE AND ENVIRONMENT		
Bachelor of Agribusiness		
Agribusiness and Agricultural Science (Extended Major)	Mathematics Methods ATAR or Mathematics Applications ATAR v taken in the first year. Students without ATAR Mathematics will ta mathematics units.	
Bachelor of Agricultural Science	I	
Agricultural Science and Technology (Extended Major)	Mathematics Methods ATAR or Mathematics Applications ATAR wunit taken in the first year. Students without ATAR Mathematics without at a chemistry unit taken in the first year.	
Bachelor of Biological Science		
Wildlife Conservation (Extended Major)	Mathematics Methods ATAR or Mathematics Applications ATAR wunit taken in the first year. Students without ATAR Mathematics without at the matics units.	
Bachelor of Environmental Science		
<ul> <li>Environmental Science and Management (Extended Major)</li> <li>Environmental Science and Ecology (Extended Major)</li> </ul>	Mathematics Methods ATAR or Mathematics Applications ATAR or unit taken in the first year. Students without ATAR Mathematics w mathematics units. Chemistry ATAR or a chemistry unit taken in the first year	
Bachelor of Geographical and Spatial Sc	ience	
Geographical and Spatial 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 Science		
<ul> <li>Agribusiness</li> <li>Agricultural Technology</li> <li>Environmental Management</li> <li>Geographical Sciences</li> </ul>	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.	
<ul><li>Agricultural Science</li><li>Environmental Science</li></ul>	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.	
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
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisit	es and recommended subjects	

COURSE	PREREQUISITES	RECOMMENDED
COMBINED BACHELOR'S DEGREES		
<ul> <li>Bachelor of Agribusiness and Bachelor of Science</li> <li>Bachelor of Agricultural Science and Bachelor of Arts</li> <li>Bachelor of Agricultural Science and Bachelor of Commerce</li> <li>Bachelor of Agricultural Science and Bachelor of Science</li> <li>Bachelor of Environmental Science and Bachelor of Arts</li> <li>Bachelor of Environmental Science and Bachelor of Commerce</li> <li>Bachelor of Environmental Science and Bachelor of Science</li> <li>Bachelor of Environmental Science and Bachelor of Science</li> <li>Bachelor of Science</li> <li>Bachelor of Modern Languages and Bachelor of Science</li> </ul>	Refer to your chosen majors for prerequisites and recommended s	subjects
Bachelor of Music and Bachelor of Science <sup>2</sup>	Performance/Musicology/Studio Teaching streams: A practical re AMEB Grade 7 (demonstrated by an audition) and a strong backg Composition stream: A practical requirement equivalent of AMEB by an audition) and a background in music theory and a portfolio. Creative Music Technology stream: A practical requirement equiva (demonstrated by an audition) and a background in music theory a	round in music theory. Grade 5 (demonstrated alent of AMEB Grade 4
COMBINED BACHELOR'S AND MASTER	'S DEGREES	
Bachelor of Agribusiness and Master of Agricultural Economics	Refer to your chosen majors for prerequisites and recommended s	subjects.
<ul> <li>Bachelor of Agricultural Science and Master of Agricultural Science</li> <li>Bachelor of Environmental Science and Master of Environmental Science</li> </ul>	Mathematics Applications ATAR, Mathematics Methods ATAR or	Chemistry ATAR
Bachelor of Geographical and Spatial Science and Master of Environmental Science	Mathematics Applications ATAR (or higher)	
BIOLOGY AND CHEMISTRY		
Bachelor of Biomedical Science		
Anatomy and Human Biology	Mathematics Methods ATAR or Mathematics Applications ATAR v taken in the first year. Students without ATAR Mathematics will tal mathematics units.	
Biochemistry and Molecular Biology		Biology ATAR or Human Biology ATAR
Genetics	Mathematics Methods ATAR or Mathematics Applications ATAR v taken in the first year. Students without ATAR Mathematics will tal mathematics units. Chemistry ATAR or a chemistry unit taken in the first year.	
Bachelor of Biological Science		
<ul> <li>Biodiversity and Evolution (Extended Major)</li> <li>Plant Biology (Extended Major)</li> </ul>	Mathematics Methods ATAR or Mathematics Applications ATAR v unit taken in the first year. Students without ATAR Mathematics wi mathematics units. Chemistry ATAR or a chemistry unit taken in the first year.	
Wildlife Conservation (Extended Major)	Mathematics Methods ATAR or Mathematics Applications ATAR v unit taken in the first year. Students without ATAR Mathematics w mathematics units.	
Bachelor of Earth Sciences		
Geochemistry (Extended Major)	Mathematics Methods ATAR or Mathematics Applications ATAR v taken in the first year. Students without ATAR Mathematics will tal mathematics units. Chemistry ATAR or a chemistry unit in the first year.	

COURSE	PREREQUISITES	RECOMMENDED
Bachelor of Molecular Sciences		
<ul> <li>Biochemistry of Nutrition (Extended Major)</li> <li>Molecular Life Sciences (Extended Major)</li> </ul>	Mathematics Methods ATAR or Mathematics Applications ATAR v taken in the first year. Students without ATAR Mathematics will ta mathematics units. Chemistry ATAR or a chemistry unit taken in the first year.	
Bachelor of Science		1
<ul><li>Botany</li><li>Conservation Biology</li><li>Zoology</li></ul>	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
Chemistry	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
<ul><li>Genetics</li><li>Marine Biology</li></ul>	Mathematics Methods ATAR or Mathematics Applications ATAR water in the first year. Students without ATAR Mathematics will ta mathematics units. Chemistry ATAR or a chemistry unit taken in the first year.	
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisite		
COMBINED BACHELOR'S AND MASTER	'S DEGREES	
<ul> <li>Bachelor of Biological Science (Wildlife Conservation) and Master of Biological Science</li> <li>Bachelor of Biological Science and Master of Biotechnology</li> <li>Bachelor of Molecular Sciences and Master of Bioinformatics</li> <li>Bachelor of Molecular Sciences and Master of Biomedical Science</li> <li>Bachelor of Molecular Sciences and Master of Biomedical Science</li> <li>Bachelor of Molecular Sciences and Master of Biotechnology</li> </ul>	Refer to your chosen majors for prerequisites and recommended	subjects.
EARTH AND OCEAN		
Bachelor of Earth Sciences		
Geochemistry (Extended Major)	Mathematics Methods ATAR or Mathematics Applications ATAR water in the first year. Students without ATAR Mathematics will ta 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 water in the first year. Students without ATAR Mathematics will ta mathematics units	
Bachelor of Geographical and Spatial Sc	ience	
Geographical and Spatial Science (Extended Major)	Mathematics Methods ATAR or Mathematics Applications ATAR wunit taken in the first year. Students without ATAR Mathematics withematics units.	
Bachelor of Marine Science		
Marine Science (Extended Major)	Mathematics Methods ATAR or Mathematics Applications ATAR want taken in the first year. Students without ATAR Mathematics wathematics units. Chemistry ATAR OR a chemistry unit taken in the first year.	
Bachelor of Science		
<ul><li>Geographical Sciences</li><li>Geology</li><li>Marine and Coastal Processes</li></ul>	Mathematics Methods ATAR or Mathematics Applications ATAR v taken in the first year. Students without ATAR Mathematics will ta mathematics units.	
Marine Biology	Mathematics Methods ATAR or Mathematics Applications ATAR water in the first year. Students without ATAR Mathematics will ta mathematics units. Chemistry ATAR or a chemistry unit taken in the first year	
Bachelor of Philosophy (Honours)		
Refer to your chosen major/s for prerequisite	es and recommended subjects	

COURSE	PREREQUISITES	RECOMMENDED		
COMBINED BACHELOR'S AND MASTER'S DEGREES				
<ul> <li>Bachelor of Earth Sciences and Master of Geoscience</li> <li>Bachelor of Earth Sciences and Master of Geoscience</li> <li>Bachelor of Earth Sciences and Master of Oceanography</li> </ul>	Refer to your chosen majors for prerequisites and recommended subjects.			
<ul> <li>Bachelor of Marine Science and Master of Environmental Science</li> <li>Bachelor of Marine Science and Master of Marine Biology</li> </ul>	Mathematics Applications ATAR, Mathematics Methods ATAR or Chemistry ATAR			
Bachelor of Marine Science and Master of Oceanography	Refer to your chosen majors for prerequisites and recommended subjects.			
PHYSICS AND MATHEMATICS				
Bachelor of Mathematics				
Mathematics	Mathematics Methods ATAR	Mathematics Specialist ATAR		
Bachelor of Science				
Mathematics	Mathematics Specialist ATAR or Mathematics Methods ATAR with an additional mathematics unit in the first year.	Mathematics Specialist ATAR		
Physics	Mathematics Specialist ATAR or Mathematics Methods ATAR with a mathematics unit taken in the first year. Physics ATAR			
Statistics	Mathematics Specialist ATAR or Mathematics Methods ATAR with an additional mathematics unit in the first year.	Mathematics Specialist ATAR		
Bachelor of Philosophy (Honours)		•		
Refer to your chosen major/s for prerequisi	tes and recommended subjects			
COMBINED BACHELOR'S DEGREES	1	1		
Bachelor of Science (Frontier Physics) and Master of Physics	Mathematics Specialist ATAR, Mathematics Methods ATAR and Physics ATAR			
PSYCHOLOGY				
Bachelor of Arts		1		
Psychological & Behavioural Sciences	No previous study in a particular course is required			
Bachelor of Science		1		
Psychological & 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				
		Mathematics Methods		
Psychology (Extended Major)	No previous study in a particular course is required	ATAR		
COMBINED BACHELOR'S DEGREES				
Bachelor of Psychology and Bachelor of Arts	No previous study in a particular course is required			
Bachelor of Psychology and Bachelor of Commerce	Refer to your chosen majors for prerequisites and recommended subjects			

<sup>1</sup> Subject to final approval. View the UWA website for more information.

<sup>2</sup> For music and teaching courses entry is not based solely on ATAR. Refer to individual course pages on uwa.edu.au/study for more information.

<sup>3</sup> This program of study is not yet accredited by the Australian Nursing and Midwifery Accreditation Council (ANMAC) or approved by the Nursing and Midwifery Board of Australia (NMBA) and will not lead to registration as a nurse or midwife in Australia under the approved qualification pathway, National Law Section 53a. This course is not available to international student visa holders. Domestic student applications for enrolment cannot be accepted until the course is listed as an NMBA approved program of study.

# **NEED ADVICE?**

#### **CURTIN UNIVERSITY**

CURTIN PERTH Kent Street BENTLEY WA 6102

GPO Box U1987 PERTH WA 6845

Telephone: (08) 9266 7805 Web: www.curtin.edu.au Webform: curtin.edu.au/ask

#### **EDITH COWAN UNIVERSITY**

270 Joondalup Drive JOONDALUP WA 6027 Telephone: 134 328 Overseas: (61 8) 6304 0000 Email: futurestudy@ecu.edu.au

Web: www.ecu.edu.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 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. Albany Kalgoorlie

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)

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