

# UNIVERSITY ADMISSION 2020

Admission Requirements  
for School Leavers



**TISC**

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This information is correct as at 10 January 2018.  
Ensure that you access the TISC website ([www.tisc.edu.au](http://www.tisc.edu.au)) regularly  
to check for any updates.

January 2018

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## ABBREVIATIONS

The following abbreviations have been used in this brochure:

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

## FOREWORD

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

**This information is correct as at 10 January 2018 and is based on information provided by the participating universities and information relating to changes in senior secondary schooling in Western Australia, available from the School Curriculum and Standards Authority (SCSA) at the time of publication.**

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

**This brochure applies to students who will be under 20 years of age on 29 February 2020 (ie those born on or after 1 March 2000). It is relevant only for admission in 2020 and is subject to change without notice.**

WAYNE BETTS  
TISC Executive Officer

## PARTICIPATING UNIVERSITIES

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

## DISCLAIMER

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

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

# UNIVERSITY APPLICATION PROCEDURES

Information about applying to the universities and admission to undergraduate courses will be sent to Year 12 students at their schools in August 2019. Application will be via TISC's website.

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

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

You need to apply for admission through TISC if you:

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

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

## REQUIREMENTS FOR UNIVERSITY ADMISSION

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

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

### PORTFOLIO ENTRY INTO SELECTED COURSES AT CURTIN UNIVERSITY

Alternative entry is available in selected courses for those who can demonstrate equivalence to Curtin's ATAR entry through the submission of a portfolio. You can visit <http://futurestudents.curtin.edu.au/school-leavers/how-to-get-in/flexible-entry-pathways/portfolio.cfm> for further information in regard to the portfolio requirements and application process. Please be advised that an interview might be required as part of the application process.

### PORTFOLIO ENTRY PATHWAY TO EDITH COWAN UNIVERSITY (ECU)

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

Detailed information about the requirements for the Portfolio Entry Pathway to ECU may be obtained from Student Recruitment on 134 328 or [www.ecugetready.com.au](http://www.ecugetready.com.au).

### MEDIA AND CREATIVE PORTFOLIO ENTRY TO MURDOCH UNIVERSITY

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

### ADMISSION OF STUDENTS FROM NON-STANDARD SCHOOLS

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

### SCHOOL LEAVERS WITH AQF/TAFE/RTO QUALIFICATIONS

#### *Curtin University*

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

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

#### *Edith Cowan University*

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

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

Students may apply direct to ECU.

#### *Murdoch University*

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

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

#### *The University of Western Australia*

The University of Western Australia will accept an AQF/TAFE qualification at Diploma level as a basis of admission for the Bachelor of Arts, Commerce, Design and Science courses. Separate evidence of English competence is also required. However, school leavers using a diploma achieved during their Years 11 and 12 must also have:

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

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

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

## 2. COMPETENCE IN ENGLISH

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

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

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

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

*Curtin University*

*Murdoch University*

*The University of Western Australia*

You must achieve a scaled score of at least 50.

*Edith Cowan University*

You must achieve

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

### CONCESSIONS

*Curtin University*

*The University of Western Australia*

- (a) If you have not met the requirement for one of these universities, that university will concede competence in English to you if you have
- achieved a moderated numeric school assessment or numeric examination assessment of at least 60 in English ATAR or Literature ATAR. For English as an Additional Language/Dialect ATAR, a moderated written school assessment or written exam mark of at least 60 is required.
- (b) If you have not met requirement (a) above for Curtin University or 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.

*Murdoch University*

- (a) If you have not met the requirement for this university, Murdoch University will concede competence in English to you if you have
- achieved a moderated numeric school assessment or numeric examination assessment of at least 55 in English ATAR or Literature ATAR. For English as an

Additional Language or Dialect ATAR, a moderated written school assessment or written exam mark of at least 55 is required.

- (b) If you have not met requirement (a) above for Murdoch University, but you have:
- achieved an ATAR 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 early in January.

## 3. THE AUSTRALIAN TERTIARY ADMISSION RANK (ATAR)

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

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

The ATAR is calculated using scaled scores in ATAR courses.

### SCALING

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

### CALCULATION OF THE TEA

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

In 2019, the TEA will be calculated by adding a student's best four scaled scores plus any applicable course-specific bonuses, as detailed below, based on the following rules:

- Courses which can be used in the ATAR are listed below.
- For all universities you may accumulate scaled scores which contribute to your ATAR over **five** consecutive years, with no subject or course counting more than once. You may use previous scaled scores back to 2015.
- No more than two mathematics scaled scores can be used in the calculation of an ATAR.
- There are unacceptable course combinations whereby scores in both courses cannot both be used (see explanation under *Unacceptable Course Combinations* below).
- A LOTE bonus of 10% of a LOTE scaled score is added to the aggregate of the best four scaled scores, subject to no LOTE scaled score earlier than 2015 being used. If more than one LOTE has been sat, only one (the best) LOTE scaled score can be used as the LOTE bonus. You receive the LOTE bonus irrespective of whether your LOTE course scaled score was counted as one of the best four.
- A Mathematics bonus of 10% of the scaled score for each of Mathematics: Methods ATAR and Mathematics: Specialist ATAR is added to the aggregate of the best four scaled scores. You receive the Mathematics bonus irrespective of whether your Mathematics: Methods ATAR and/or Mathematics: Specialist ATAR course scaled scores are counted in the best four.

- The Mathematics bonus does not apply to scaled scores from WACE Mathematics 2A/2B, 2C/2D, 3A/3B, 3C/3D or WACE Mathematics Specialist 3A/3B or 3C/3D.
- In calculating the scaled score, equal weight is given to the final school mark and the final examination mark, except where courses/subjects are taken on a non-school basis (see explanation under *Courses Studied on a Non-school Basis* below).
- Scaled scores from previous study of WACE courses are on the same scale as scaled scores obtained from study in 2019 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 takes into account the number of students with a TEA and the number of people of Year 12 school leaving age in the state. This table is constructed annually.

#### PRIOR YEAR ATAR

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

### COURSES WHICH ARE USED TO FORM THE ATAR

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

#### ATAR Courses

|  |                                       |
|--|---------------------------------------|
| Aboriginal and Intercultural Studies ATAR              | Indonesian: Background Language ATAR* |
| Accounting and Finance ATAR                            | Indonesian: First Language ATAR*      |
| Ancient History ATAR                                   | Indonesian: Second Language ATAR*     |
| Animal Production Systems ATAR                         | Integrated Science ATAR               |
| Applied Information Technology ATAR                    | Italian: Background Language ATAR*    |
| Arabic ATAR*   | Italian: Second Language ATAR*        |
| Aviation ATAR  | Japanese: Background Language ATAR*   |
| Biology ATAR   | Japanese: First Language ATAR*        |
| Chemistry ATAR   | Japanese: Second Language ATAR*       |
| Business Management and Enterprise ATAR                | Korean: Background Language ATAR*     |
| Career and Enterprise ATAR                             | Literature ATAR                       |
| Children, Family and the Community ATAR                | Malay: Background Speakers ATAR*      |
| Chinese: Background Language ATAR*                     | Marine and Maritime Studies ATAR      |
| Chinese: First Language ATAR*                          | Materials Design and Technology ATAR  |
| Chinese: Second Language ATAR*                         | Mathematics: Applications ATAR        |
| Computer Science ATAR                                  | Mathematics: Methods ATAR             |
| Dance ATAR   | Mathematics: Specialist ATAR          |
| Design ATAR  | Media Production and Analysis ATAR    |
| Drama ATAR   | Modern Greek ATAR*                    |
| Earth and Environmental Science ATAR                   | Modern History ATAR                   |
| Economics ATAR   | Music ATAR                            |
| Engineering Studies ATAR                               | Outdoor Education ATAR                |
| English ATAR   | Philosophy and Ethics ATAR            |
| English as an Additional Language/Dialect (EAL/D) ATAR | Physical Education Studies ATAR       |
| Food Science and Technology ATAR                       | Physics ATAR                          |
| French: Background Language ATAR*                      | Plant Production Systems ATAR         |
| French: Second Language ATAR*                          | Polish ATAR*                          |
| Geography ATAR   | Politics and Law ATAR                 |
| German: Background Language ATAR*                      | Psychology ATAR                       |
| German: Second Language ATAR*                          | Religion and Life ATAR                |
| Health Studies ATAR                                    | Spanish ATAR*                         |
| Hebrew ATAR*   | Vietnamese ATAR*                      |
| Human Biology ATAR                                     | Visual Arts ATAR                      |

**NOTE:**

1. **Subject also to unacceptable combinations below, no more than two mathematics scaled scores can be used in the calculation of an ATAR.**
2. There may be some additional interstate language courses\* and examinations available in WA in 2019, which may be counted in the ATAR. Contact the School Curriculum and Standards Authority for details of availability.
3. \* indicates a Language Other Than English (LOTE) course.

**UNACCEPTABLE COURSE COMBINATIONS – ATAR COURSES**

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

Chemistry ATAR **with** Integrated Science ATAR

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

English ATAR **with** Literature ATAR

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

Mathematics: Applications ATAR **with** Mathematics: Methods 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

**UNACCEPTABLE COURSE COMBINATIONS**

If you have results from past study in WACE courses, you cannot use the following combinations in calculating your ATAR. If you are repeating Year 12 studies, you may have results from both courses but the results in only one may be used to calculate your ATAR. Results from study prior to 2015 cannot be used in the ATAR.

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

In addition:

Biology ATAR **with** WACE Biological Sciences

Chemistry ATAR **with** WACE Integrated Science

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

English ATAR **with** WACE Literature

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

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

Human Biology ATAR **with** WACE Human Biological Science

Human Biology ATAR **with** WACE Biological Sciences

Literature ATAR **with** WACE English

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

Mathematics: Applications ATAR **with** WACE Mathematics

Mathematics: Methods ATAR **with** WACE Mathematics

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

Physics ATAR **with** WACE Integrated Science

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



WACE Chemistry **with** WACE Integrated Science

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

WACE English **with** WACE Literature

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

WACE Physics **with** WACE Integrated Science

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## **COURSES STUDIED ON A 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](http://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, 2019 Year 12 students will be selected for admission to university in 2020 on the basis of their ATAR. However, some universities assign students who are eligible for alternative entry pathways a Selection Rank that is higher than their ATAR. For these students, selection into courses at the university concerned is based on this enhanced Selection Rank.

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

Eligibility for the entry pathways is based on specified criteria. TISC advises students of their eligibility at the time of the Year 12 results/ATAR release in late December, via the Universities Admission Advice Letter (UAAL). The appropriate Selection Rank is automatically applied for offer rounds. For 2020 admission, Curtin University has the StepUp to Curtin Entry Pathway, ECU has the ECU Access Pathway, Murdoch University has the RISE Pathway and UWA has the Broadway Alternative Entry Pathway. For further details about any of these pathways, see the individual university section on TISC's website.

## **4. PREREQUISITES**

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

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

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

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

## COURSE PREREQUISITES

The following list outlines the prerequisite and recommended courses for entry to university courses in 2020. Additional requirements are also outlined.

### CURTIN UNIVERSITY

The following list outlines the prerequisite and recommended ATAR courses for entry to Curtin courses in 2020. 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 Institution of Actuaries 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> Background in Biology, Chemistry, Earth and Environmental Science, Human Biology, Integrated Science, Physics, Psychology or Biological Sciences is required. Please refer to <http://futurestudents.curtin.edu.au/school-leavers/how-to-get-in/flexible-entry-pathways/portfolio/> for course requirements.

<sup>5</sup> Animal Production Systems ATAR, Aviation ATAR, Biology ATAR, Chemistry ATAR, Earth and Environmental Science ATAR, Human Biology ATAR, Integrated Science ATAR, Marine and Maritime Studies ATAR, Physics ATAR, Plant Production Systems ATAR or Psychology ATAR satisfies this requirement.

| COURSE   | PREREQUISITES   | DESIRABLE   |
|--|---|---|
| Actuarial Science (BSc)  | Mathematics: Methods ATAR and ATAR/Selection Rank of 92.00 or equivalent <sup>2</sup> | Mathematics: Specialist ATAR  |
| Advanced Science (Hons) - Agricultural Science (BSc AdvSci Hons)               | Mathematics: Methods ATAR   | Biology ATAR, Chemistry ATAR  |
| Advanced Science (Hons) - Chemistry (BSc AdvSci Hons)                          | Mathematics: Methods ATAR and Chemistry ATAR  | Mathematics: Specialist ATAR, Physics ATAR  |
| Advanced Science (Hons) - Coastal and Marine Science (BSc AdvSci Hons)         | Mathematics: Methods ATAR   | At least one of Biology ATAR, Chemistry ATAR, Marine and Maritime Studies ATAR  |
| Advanced Science (Hons) - Computing (BSc AdvSci Hons)                          | Mathematics: Methods ATAR   |   |
| Advanced Science (Hons) - Data Science (BSc AdvSci Hons)                       | Mathematics: Methods ATAR   | Mathematics: Specialist ATAR  |
| Advanced Science (Hons) - Environmental Science (BSc AdvSci Hons)              | Mathematics: Methods ATAR and Chemistry ATAR  | Biology ATAR, Chemistry ATAR  |
| Advanced Science (Hons) - Financial Mathematics (BSc AdvSci Hons)              | Mathematics: Specialist ATAR  |   |
| Advanced Science (Hons) - Geographic Information Science (BSc AdvSci Hons)     | Mathematics: Methods ATAR   |   |
| Advanced Science (Hons) - Industrial and Applied Mathematics (BSc AdvSci Hons) | Mathematics: Specialist ATAR  |   |
| Advanced Science (Hons) - Molecular Genetics (BSc AdvSci Hons)                 | Mathematics: Methods ATAR and Chemistry ATAR  |   |
| Advanced Science (Hons) - Physics (BSc AdvSci Hons)                            | Mathematics: Methods ATAR, Mathematics: Specialist ATAR and Physics ATAR              | Chemistry ATAR  |
| Agribusiness (BAgribus)  | Mathematics: Applications ATAR  | At least one of the following ATAR science subjects: Chemistry, Biology Earth and Environmental Science, Human Biology, or Integrated Science |



| <b>COURSE</b>   | <b>PREREQUISITES</b>   | <b>DESIRABLE</b>  |
|---|--|---|
| Agribusiness (BAgribus) (Portfolio entry)             | Mathematics: Applications ATAR   | At least one of the following ATAR science subjects: Chemistry, Biology Earth and Environmental Science, Human Biology, or Integrated Science   |
| Animation and Games Design (BA)                       | No prior study in a particular course is required  |   |
| Anthropology and Sociology (BA)                       | No prior study in a particular course is required  |   |
| Applied Geology (BSc)                                 | At least Mathematics: Applications ATAR  |   |
| Applied Geology (BSc) (Portfolio entry)               | At least Mathematics: Applications ATAR  |   |
| Applied Geology/Environmental Biology (BSc/BSc)       | At least Mathematics: Applications ATAR and one science course <sup>3</sup>  |   |
| Applied Geology/Finance (BSc/BCom)                    | At least Mathematics: Applications ATAR  |   |
| Applied Geology/Geophysics (BSc/BSc)                  | Mathematics: Methods ATAR and Physics ATAR   | Mathematics: Specialist ATAR  |
| Architectural Science (BAppSc)                        | No prior study in a particular course is required  |   |
| Arts/Commerce (BA/BCom)                               | No prior study in a particular course is required  | At least Mathematics: Applications ATAR   |
| Biochemistry (BSc)                                    | Mathematics: Applications ATAR and Chemistry ATAR  | Mathematics: Methods ATAR, Mathematics: Specialist ATAR and Physics ATAR  |
| Business Administration (BBA)                         | No prior study in a particular course is required  | At least Mathematics: Applications ATAR   |
| Chemical Engineering/Chemistry (BEng/BSc)             | Mathematics: Methods ATAR and Chemistry ATAR, and at least one of the following courses: Physics ATAR and Engineering ATAR     | Mathematics: Specialist ATAR  |
| Chemical Engineering/Extractive Metallurgy (BEng/BSc) | Mathematics: Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR and Engineering Studies ATAR | Mathematics: Specialist ATAR  |
| Chemistry (BSc)                                       | Mathematics: Applications ATAR and Chemistry ATAR  | Mathematics: Methods ATAR, Mathematics: Specialist ATAR and Physics ATAR  |
| Chinese (BA)  | No prior study in a particular course is required  |   |
| Civil and Construction Engineering/Mining (BEng/BSc)  | Mathematics: Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR and Engineering Studies ATAR | Mathematics: Specialist ATAR  |
| Coastal and Marine Science (BSc)                      | Mathematics: Applications ATAR   | Animal Production System ATAR, Aviation 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, Psychology ATAR, Computer Science ATAR, Applied Information Technology ATAR |
| Commerce (BCom)                                       | No prior study in a particular course is required  | At least Mathematics: Applications ATAR.  |

| COURSE   | PREREQUISITES  | DESIRABLE   |
|--|--|---|
| Commerce (BCom) (Portfolio entry)  | No prior study in a particular course is required  | At least Mathematics: Applications ATAR.                  |
| Commerce (BCom) - Online   | No prior study in a particular course is required  | At least Mathematics: Applications ATAR.                  |
| Computer Systems and Networking (BTech)  | At least Mathematics: Applications ATAR  | Mathematics: Methods ATAR or Mathematics: Specialist ATAR |
| Computer Systems Engineering/Computer Science (BEng/BSc)   | Mathematics: Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR and Engineering Studies ATAR | Mathematics: Specialist ATAR                              |
| Computing (BSc)  | Mathematics: Applications ATAR   | Mathematics: Methods ATAR                                 |
| Computing (BSc) (Portfolio entry)  | Mathematics: Applications ATAR   | Mathematics: Methods ATAR                                 |
| Construction Management (BAppSc)   | Mathematics: Applications ATAR   | Mathematics: Methods ATAR or Mathematics: Specialist ATAR |
| Creative Advertising and Graphic Design (BA)   | No prior study in a particular course is required  |   |
| Creative Advertising and Graphic Design (BA) (Portfolio entry)   | No prior study in a particular course is required  |   |
| Creative Writing (BA)  | No prior study in a particular course is required  |   |
| Creative Writing (BA) (Portfolio entry)  | No prior study in a particular course is required  |   |
| Data Science (BSc)   | Mathematics: Methods ATAR  | Mathematics: Specialist ATAR                              |
| Digital Design (BA)  | No prior study in a particular course is required  |   |
| Digital Design (BA) (Portfolio entry)  | No prior study in a particular course is required  |   |
| Educational Studies (BEd)  | No prior study in a particular course is required  | At least Mathematics: Applications ATAR                   |
| Education - Early Childhood Education (BEd)  | No prior study in a particular course is required  | At least Mathematics: Applications ATAR                   |
| Education - Primary Education (BEd)  | No prior study in a particular course is required  | At least Mathematics: Applications ATAR                   |
| Education - Primary Education (BEd) (Portfolio entry)  | No prior study in a particular course is required.<br>Applicants will be required to attend an interview.                      | At least Mathematics: Applications ATAR                   |
| Education – Secondary Education (BEd)  | Course appropriate to teaching area  |   |
| <ul style="list-style-type: none"> <li>• <b>Arts Education:</b> Drama, Visual Arts, Media</li> <li>• <b>English Education</b></li> </ul>   | No prior study in a particular subject is required   |   |
| <ul style="list-style-type: none"> <li>• <b>Mathematics Education</b></li> </ul>   | Mathematics: Methods ATAR  |   |
| <ul style="list-style-type: none"> <li>• <b>Humanities and Social Sciences:</b> History, Geography, Politics and Law, Economics</li> </ul> | No prior study in a particular subject is required   |   |
| <ul style="list-style-type: none"> <li>• <b>Science Education:</b></li> </ul>  |  |   |
| Chemistry  | Mathematics: Methods ATAR and Chemistry ATAR   | Mathematics: Specialist ATAR and Physics ATAR             |
| Physics (must be taken with a Mathematics minor teaching area)   | Mathematics: Methods ATAR and Physics ATAR   | Mathematics: Specialist ATAR and Chemistry ATAR           |

| COURSE  | PREREQUISITES  | DESIRABLE   |
|---|--|---|
| Biology   | Mathematics: Applications ATAR and at least one science course <sup>5</sup>  |   |
| Human Biology   | No prior study in a particular subject is required   | Chemistry ATAR, Mathematics: Applications ATAR and Human Biology ATAR or Biology ATAR   |
| Psychology  | No prior study in a particular subject is required   | Mathematics: Applications ATAR  |
| Electronic and Communication Engineering/Computer Science (BEng/BSc)  | Mathematics: Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR and Engineering Studies ATAR   | Mathematics: Specialist ATAR  |
| Enabling Course in Science, Engineering and Health  | 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. |   |
| Engineering (BEng(Hons)) <ul style="list-style-type: none"> <li>• Chemical</li> <li>• Civil and Construction</li> <li>• Electrical and Electronic</li> <li>• Mechanical</li> <li>• Mechatronic</li> <li>• Petroleum</li> <li>• Metallurgical</li> <li>• Mining</li> </ul> | Mathematics: Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR and Engineering Studies ATAR   | Mathematics: Specialist ATAR  |
| Engineering/Commerce - 5.5 years (BEng/BCom) <ul style="list-style-type: none"> <li>• Chemical</li> <li>• Civil and Construction</li> <li>• Mechanical</li> <li>• Metallurgical</li> <li>• Mining</li> </ul>  | Mathematics: Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR and Engineering Studies ATAR   | Mathematics: Specialist ATAR  |
| Environmental Biology (BSc)   | Mathematics: Applications ATAR   | Animal Production System ATAR, Aviation 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, Psychology ATAR, Computer Science ATAR, Applied Information Technology ATAR |
| Environmental Biology (BSc) (Portfolio entry)   | Mathematics: Applications ATAR   | Animal Production System ATAR, Aviation 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, Psychology ATAR, Computer Science ATAR, Applied Information Technology ATAR |
| Environmental Science (BSc)   | Mathematics: Applications ATAR and Chemistry ATAR  |   |
| Exercise, Sports and Rehabilitation Science (BSc)   | No prior study in a particular course is required  | Physical Education Studies ATAR, Mathematics: Applications ATAR and one science course <sup>1</sup>   |
| Extractive Metallurgy (BSc)   | Mathematics Applications ATAR and Chemistry ATAR or Physics ATAR   |   |

| <b>COURSE</b>  | <b>PREREQUISITES</b>   | <b>DESIRABLE</b>  |
|--|--|---|
| Fashion (BA)   | No prior study in a particular course is required              |   |
| Fashion (BA) (Portfolio entry)                           | No prior study in a particular course is required              |   |
| Financial Mathematics (BSc)                              | Mathematics: Methods ATAR                                      | Mathematics: Specialist ATAR  |
| Fine Art (BA)  | No prior study in a particular course is required              |   |
| Fine Art (BA) (Portfolio entry)                          | No prior study in a particular course is required              |   |
| Geographic Information Science (BSc)                     | Mathematics: Applications ATAR                                 | Mathematics: Methods ATAR   |
| Geographic Information Science/Applied Geology (BSc/BSc) | At least Mathematics: Applications ATAR                        | Mathematics: Methods ATAR   |
| Geographic Information Science/Geography (BSc/BA)        | Mathematics: Applications ATAR                                 | Mathematics: Methods ATAR   |
| Geography (BA)   | No prior study in a particular course is required              |   |
| Geophysics (BSc)   | Mathematics: Methods ATAR and Physics ATAR                     | Mathematics: Specialist ATAR  |
| Health Promotion (BSc)                                   | No prior study in a particular course is required              | At least one science course <sup>1</sup>  |
| Health Promotion/Health and Safety (BSc/BSc)             | No prior study in a particular course is required              | At least one science course <sup>1</sup>  |
| Health Promotion/Nutrition (BSc)                         | Chemistry ATAR   | At least Mathematics: Applications ATAR   |
| Health, Safety and Environment (BSc)                     | No prior study in a particular course is required              | One science course <sup>1</sup>   |
| Health Sciences (BSc)                                    | No prior study in a particular course is required              | Mathematics: Applications ATAR and at least one science course <sup>1</sup>                   |
| Health Sciences (BSc) (Portfolio entry)                  | No prior study in a particular course is required <sup>5</sup> | Mathematics: Applications ATAR and at least one science course <sup>1</sup>                   |
| History (BA)   | No prior study in a particular course is required              |   |
| Human Biology Preclinical (BSc)                          | No prior study in a particular course is required              | At least Chemistry ATAR and Mathematics: Methods ATAR; and Human Biology ATAR or Biology ATAR |
| Industrial and Applied Mathematics (BSc)                 | Mathematics: Methods ATAR                                      | Mathematics: Specialist ATAR  |
| Interior Architecture (BA)                               | No prior study in a particular course is required              |   |
| Interior Architecture (BA) (Portfolio entry)             | No prior study in a particular course is required              |   |
| International Relations (BA)                             | No prior study in a particular course is required              |   |
| Internet Communications (BA)                             | No prior study in a particular course is required              |   |
| Japanese (BA)  | No prior study in a particular course is required              |   |
| Journalism (BA)  | No prior study in a particular course is required              |   |

| <b>COURSE</b>   | <b>PREREQUISITES</b>   | <b>DESIRABLE</b>   |
|---|--|--|
| Journalism (BA) (Portfolio entry)                       | No prior study in a particular course is required  |  |
| Laboratory Medicine (BSc)                               | No prior study in a particular course is required  | At least Mathematics: Applications ATAR, Chemistry ATAR, and Human Biology ATAR or Biology ATAR  |
| Law (LLB)   | No prior study in a particular course is required  |  |
| Law/Arts (LLB/BA)                                       | No prior study in a particular course is required  |  |
| Law/Commerce (LLB/BCom)                                 | No prior study in a particular course is required  | Mathematics: Applications ATAR   |
| Law/Psychology  | No prior study in a particular course is required  | Mathematics: Methods ATAR  |
| Librarianship and Corporate Information Management (BA) | No prior study in a particular course is required  |  |
| Literary and Cultural Studies (BA)                      | No prior study in a particular course is required  |  |
| Mass Communication (BA)                                 | No prior study in a particular course is required  |  |
| Mechatronic Engineering/Computer Science (BEngHons/BSc) | Mathematics: Methods ATAR and at least one of the following courses: Physics ATAR, Chemistry ATAR and Engineering Studies ATAR   | Mathematics: Specialist ATAR   |
| Medical Imaging (BSc)                                   | Physics ATAR and Mathematics: Methods ATAR   | Mathematics: Specialist ATAR   |
| Medicine/Surgery (MBBS)                                 | Chemistry ATAR<br>To be eligible to participate in the selection process all applicants are required to undertake the Undergraduate Medicine and Health Sciences Admissions Test (UMAT). Applicants will be selected for interview based on their UMAT score and predicted ATAR. | At least one of the following courses: Mathematics: Applications ATAR, Mathematics: Methods ATAR, Mathematics: Specialist ATAR   |
| Mine and Engineering Surveying (BSc)                    | Mathematics: Applications ATAR   | Mathematics: Methods ATAR  |
| Mining (BSc)  | Mathematics: Applications ATAR and Chemistry ATAR or Physics ATAR  |  |
| Molecular Genetics and Biotechnology (BSc)              | No prior study in a particular subject is required   | At least Chemistry ATAR and Mathematics: Methods ATAR; and Human Biology ATAR or Biology ATAR  |
| Multidisciplinary Science (BSc)                         | Mathematics: Applications ATAR   | Mathematics: Methods ATAR and at least one of the following ATAR science subjects: Animal Production System ATAR, Aviation 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, Psychology ATAR, Computer Science ATAR, Applied Information Technology ATAR |



| <b>COURSE</b>   | <b>PREREQUISITES</b>   | <b>DESIRABLE</b>  |
|---|--|---|
| Multidisciplinary Science (BSc) (Portfolio entry)   | Mathematics: Applications ATAR <sup>5</sup>  | Mathematics: Methods ATAR Animal Production System ATAR, Aviation 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, Psychology ATAR, Computer Science ATAR, Applied Information Technology ATAR |
| Nursing (General) (BSc)   | No prior study in a particular course is required  | Human Biology ATAR and Integrated Science ATAR  |
| Nutrition and Food Science (BSc)  | Chemistry ATAR   | At least Mathematics: Applications ATAR   |
| Occupational Therapy (BSc)  | At least one science course <sup>1</sup>   | Human Biology ATAR and Physics ATAR, and at least Mathematics: Applications ATAR  |
| Optometry (BSc(Vision Science)/Master of Optometry)   | No prior study in a particular course is required  | At least Mathematics Applications ATAR, Physics ATAR, Chemistry ATAR, Human Biology ATAR  |
| Oral Health Therapy (BSc)   | No prior study in a particular course is required  | Human Biology ATAR or Biology ATAR  |
| Paramedicine (BSc)  | A conditional letter of employment from St. Johns Ambulance as a student paramedic. No prior study in a particular subject is required. Applicants are required to meet University academic and English language entry standards. To be successful in the St John Ambulance recruitment process you will need to meet academic, personal and physical requirements and a full unrestricted driver's license. | One science course <sup>1</sup>   |
| Pharmacy (BPharm(Hons))   | Chemistry ATAR and Mathematics: Applications ATAR  | Human Biology ATAR or Biology ATAR  |
| Photography and Illustration Design (BA)  | No prior study in a particular course is required  |   |
| Photography and Illustration Design (BA) (Portfolio entry)                                      | No prior study in a particular course is required  |   |
| Physics (BSc)   | Mathematics: Methods ATAR and Physics ATAR   | Chemistry ATAR and Mathematics: Specialist ATAR   |
| Physics/Electronic and Communication Engineering (BSc/BEng)                                     | Mathematics: Methods ATAR and Physics ATAR   | Chemistry ATAR, Engineering Studies ATAR or Mathematics Specialist ATAR   |
| Physiotherapy (BSc)   | At least one science course <sup>1</sup>   | At least Mathematics: Applications ATAR   |
| Professional Writing and Publishing (BA)  | No prior study in a particular course is required  |   |
| Psychology (BPsych)   | No prior study in a particular course is required  | At least Mathematics: Applications ATAR   |
| Psychology and Human Resource Management (BSc(Psych/HRM))                                       | No prior study in a particular course is required  | At least Mathematics: Applications ATAR   |
| Psychology and Human Resource Management and Industrial Relations (BSc (Psych)/BCom (HRM & IR)) | No prior study in a particular course is required  | At least Mathematics Applications ATAR  |

| COURSE  | PREREQUISITES   | DESIRABLE   |
|---|---|---|
| Psychology/Marketing  | No prior study in a particular course is required   | Mathematics: Methods ATAR   |
| Radiation Therapy (BSc)   | Physics ATAR and Mathematics: Methods ATAR  | Mathematics: Specialist ATAR  |
| Science / Arts (BSc/BA)<br>Science <ul style="list-style-type: none"> <li>• Chemistry</li> <li>• Coastal and Marine Science</li> <li>• Data Science</li> <li>• Environmental Biology</li> <li>• Mathematics</li> <li>• Physics</li> </ul> Arts <ul style="list-style-type: none"> <li>• Anthropology and Sociology</li> <li>• Geography</li> <li>• International Relations</li> <li>• Japanese</li> <li>• Internet Communications</li> <li>• Professional Writing and Publishing</li> </ul> | <b>Chemistry:</b> Mathematics: Methods ATAR and Chemistry ATAR<br><b>Coastal and Marine Science:</b> Mathematics: Applications ATAR and at least one science course <sup>3</sup><br><b>Data Science:</b> Mathematics: Methods ATAR<br><br><b>Environmental Biology:</b> Mathematics: Applications ATAR and at least one science course <sup>3</sup><br><b>Mathematics:</b> Mathematics: Methods ATAR<br><br><b>Physics:</b> Mathematics: Methods ATAR and Physics ATAR<br><br>No prior study in a particular course is required     | <b>Chemistry:</b> Mathematics: Specialist ATAR and Physics ATAR<br><br><b>Mathematics:</b> Mathematics: Specialist ATAR<br><br><b>Physics:</b> Mathematics: Specialist ATAR and Chemistry ATAR                            |
| Science / Commerce (BSc/BCom)<br>Science <ul style="list-style-type: none"> <li>• Chemistry</li> <li>• Coastal and Marine Science</li> <li>• Data Science</li> <li>• Environmental Biology</li> <li>• Mathematics</li> <li>• Physics</li> </ul> Commerce <ul style="list-style-type: none"> <li>• Economics</li> <li>• Entrepreneurship</li> <li>• Finance</li> </ul>   | <b>Chemistry:</b> Mathematics: Methods ATAR and Chemistry ATAR<br><br><b>Coastal and Marine Science:</b> Mathematics: Applications ATAR and at least one science course <sup>3</sup><br><b>Data Science:</b> Mathematics: Methods ATAR<br><br><b>Environmental Biology:</b> Mathematics: Applications ATAR and at least one science course <sup>3</sup><br><b>Mathematics:</b> Mathematics: Methods ATAR<br><br><b>Physics:</b> Mathematics: Methods ATAR and Physics ATAR<br><br>No prior study in a particular course is required | <b>Chemistry:</b> Mathematics: Methods ATAR, Mathematics: Specialist ATAR and Physics ATAR<br><br><b>Mathematics:</b> Mathematics: Specialist ATAR<br><br><b>Physics:</b> Mathematics: Specialist ATAR and Chemistry ATAR |
| Screen Arts (BA)  | No prior study in a particular course is required   |   |
| Social Work (BSW)   | No prior study in a particular course is required   |   |
| Speech Pathology (BSc)  | At least one science course <sup>1</sup>  | At least Mathematics: Applications ATAR   |
| Surveying (BSurv)   | At least Mathematics: Applications ATAR   | Mathematics: Methods ATAR   |
| Theatre Arts (BA)   | No prior study in a particular course is required   |   |
| Theatre Arts (BA) (Portfolio Entry)   | No prior study in a particular course is required   |   |

| COURSE  | PREREQUISITES  | DESIRABLE |
|---|--|-----------|
| UniReady Enabling Program   | No prior study in a particular course is required. Applicants must be over the compulsory school age as defined by the WA School Education Act 1999 in the year of commencement of the course. |           |
| Urban & Regional Planning (BA)  | No prior study in a particular course is required  |           |
| Visualisation and Interactive Media (VisMedia) (BA)                   | No prior study in a particular course is required  |           |
| Visualisation and Interactive Media (VisMedia) (BA) (Portfolio entry) | No prior study in a particular course is required  |           |

# EDITH COWAN UNIVERSITY

The following are the prerequisites which apply for entry to ECU courses (or specific major(s) within a course) for which applications are submitted through TISC. For all other courses no prerequisites apply. A minimum scaled score of 50 is normally required for prerequisite ATAR courses.

| COURSE   | PREREQUISITES   | DESIRABLE |
|--|---|-----------|
| <b>Arts</b>  | <b>Applicants must satisfy the prerequisites for specific major(s) as noted below</b>   |           |
| <i>Japanese (Introductory)</i>                               | Native speakers of Japanese who have completed their compulsory education in Japan and/or in a Japanese educational institution overseas (i.e., six years at primary and three years at junior high school) are not eligible to enrol in a Japanese major or minor. |           |
| <i>Japanese (Post-ATAR)</i>                                  | Japanese: Second Language ATAR  |           |
| <b>Arts / Commerce (double degree)</b>                       | No prior study in a particular course is required   |           |
| <b>Arts / Media and Communications (double degree)</b>       | No prior study in a particular course is required   |           |
| <b>Arts Management</b>                                       | Interview and separate application to ECU   |           |
| <b>Arts / Science (double degree)</b>                        | No prior study in a particular course is required   |           |
| <b>Aviation</b>  | No prior study in a particular course is required   |           |
| <b>Biological Sciences</b>                                   | No prior study in a particular course is required   |           |
| <b>Biomedical Science</b>                                    | No prior study in a particular course is required   |           |
| <b>Commerce</b>  | No prior study in a particular course is required   |           |
| <b>Commerce (HR Management) / Psychology (double degree)</b> | No prior study in a particular course is required   |           |
| <b>Computer Science</b>                                      | No prior study in a particular course is required   |           |
| <b>Conservation and Wildlife Biology</b>                     | No prior study in a particular course is required   |           |
| <b>Contemporary Arts</b>                                     | No prior study in a particular course is required   |           |
| <b>Counselling</b>   | No prior study in a particular course is required   |           |
| <b>Counter Terrorism, Security and Intelligence</b>          | No prior study in a particular course is required   |           |
| <b>Criminology and Justice</b>                               | No prior study in a particular course is required   |           |

| COURSE   | PREREQUISITES  | DESIRABLE  |
|--|--|--|
| <b>Cyber Security</b>                          | No prior study in a particular course is required  |  |
| <b>Design</b>                                  | No prior study in a particular course is required  |  |
| <b>Education (Early Childhood Studies)</b>     | No prior study in a particular course is required  |  |
| <b>Education (Primary)</b>                     | No prior study in a particular course is required  |  |
| <b>Education (Secondary)</b>                   | <b>Applicants must satisfy the prerequisites for specific major(s) as noted below</b>  |  |
| <i>Biological Science Education</i>            | Biology ATAR, or Chemistry ATAR, or Computer Science ATAR, or Earth and Environmental Science ATAR, or Human Biology ATAR, or Integrated Science ATAR or Physics ATAR or equivalents |  |
| <i>Design and Technology Education</i>         | No prior study in a particular course is required  |  |
| <i>Drama Education</i>                         | No prior study in a particular course is required  |  |
| <i>English Education</i>                       | No prior study in a particular course is required  |  |
| <i>Health and Physical Education</i>           | No prior study in a particular course is required  |  |
| <i>Home Economics Education</i>                | No prior study in a particular course is required  |  |
| <i>Humanities and Social Science Education</i> | No prior study in a particular course is required  |  |
| <i>Mathematics Education</i>                   | Mathematics: Methods ATAR <b>or</b> equivalent   | Mathematics: Specialist ATAR <b>or</b> equivalents |
| <i>Music Education</i>                         | Audition and separate application to ECU   |  |
| <i>Visual Arts Education</i>                   | No prior study in a particular course is required  |  |
| <b>Electronic and Computer Systems</b>         |  | Mathematics: Methods ATAR or equivalent            |
| <b>Engineering Honours</b>                     | <b>For all Engineering Degrees listed:</b><br><br>Mathematics: Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> equivalents                         | Mathematics: Specialist ATAR                       |
| <b>Single Degrees</b>                          |  |  |
| Civil  |  |  |
| Civil and Environmental                        |  |  |
| Computer Systems                               |  |  |



| COURSE  | PREREQUISITES  | DESIRABLE                    |
|---|--|------------------------------|
| Electrical Power  |  |                              |
| Electrical and Renewable Energy                               |  |                              |
| Electronics and Communications                                |  |                              |
| Instrumentation Control & Automation                          |  |                              |
| Marine and Offshore Systems                                   |  |                              |
| Mechanical  |  |                              |
| Mechatronics  |  |                              |
| Naval Architecture  |  |                              |
| Ocean Engineering   |  |                              |
| Petroleum Engineering   |  |                              |
| <b>Double Degrees</b>   |  |                              |
| Engineering / Commerce  |  |                              |
| Engineering (Computer Systems) / Computer Science             |  |                              |
| Engineering (Mechatronics) Honours / Technology (Motorsports) |  |                              |
| Engineering / Laws  |  |                              |
| Engineering / Science   |  |                              |
| <b>Engineering (Chemical) Honours</b>                         | Mathematics: Methods ATAR and Chemistry ATAR and Physics ATAR or Engineering Studies ATAR or equivalents   | Mathematics: Specialist ATAR |
| <b>Engineering (Chemical &amp; Environmental) Honours</b>     | Mathematics: Methods ATAR and Chemistry ATAR and Physics ATAR or Engineering Studies ATAR or equivalents   | Mathematics: Specialist ATAR |
| <b>Engineering Science</b>                                    | Mathematics: Methods ATAR <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR <b>or</b> equivalents | Mathematics: Specialist ATAR |
| <b>Environmental Management</b>                               | No prior study in a particular course is required  |                              |
| <b>Exercise and Sports Science</b>                            | No prior study in a particular course is required  |                              |
| <b>Exercise Science and Rehabilitation</b>                    | No prior study in a particular course is required  |                              |
| <b>Health Science</b>   | No prior study in a particular course is required  |                              |
| <b>Hospitality and Tourism Management</b>                     | No prior study in a particular course is required  |                              |
| <b>Information Technology</b>                                 | No prior study in a particular course is required  |                              |

| COURSE   | PREREQUISITES  | DESIRABLE |
|--|--|-----------|
| <b>International Hotel and Resort Management</b>             | No prior study in a particular course is required                    |           |
| <b>Laws</b>  | No prior study in a particular course is required                    |           |
| <b>Laws / Arts (<i>double degree</i>)</b>                    | No prior study in a particular course is required                    |           |
| <b>Laws / Commerce (<i>double degree</i>)</b>                | No prior study in a particular course is required                    |           |
| <b>Laws / Criminology and Justice (<i>double degree</i>)</b> | No prior study in a particular course is required                    |           |
| <b>Laws / Psychological Science (<i>double degree</i>)</b>   | No prior study in a particular course is required                    |           |
| <b>Marine and Freshwater Biology</b>                         | No prior study in a particular course is required                    |           |
| <b>Marketing, Advertising and Public Relations</b>           | No prior study in a particular course is required                    |           |
| <b>Media and Communications</b>                              | No prior study in a particular course is required                    |           |
| <b>Medical Science</b>                                       | No prior study in a particular course is required                    |           |
| <b>Music</b>   | <b>All Music majors:</b><br>Audition and separate application to ECU |           |
| <b>Nursing - Registered Nursing</b>                          | No prior study in a particular course is required                    |           |
| <b>Nursing / Midwifery</b>                                   | No prior study in a particular course is required                    |           |
| <b>Occupational Therapy</b>                                  | No prior study in a particular course is required                    |           |
| <b>Paramedical Science</b>                                   | No prior study in a particular course is required                    |           |
| <b>Performance Making</b>                                    | Audition and separate application to ECU                             |           |
| <b>Psychological Science</b>                                 | No prior study in a particular course is required                    |           |
| <b>Psychology (Bachelor of Arts)</b>                         | No prior study in a particular course is required                    |           |
| <b>Psychology (Bachelor of Science)</b>                      | No prior study in a particular course is required                    |           |
| <b>Psychology and Addiction Studies</b>                      | No prior study in a particular course is required                    |           |
| <b>Psychology and Counselling</b>                            | No prior study in a particular course is required                    |           |
| <b>Psychology, Criminology and Justice</b>                   | No prior study in a particular course is required                    |           |

| COURSE   | PREREQUISITES  | DESIRABLE  |
|--|--|--|
| <b>Science</b>   | <b>Applicants must satisfy the prerequisites for specific major(s) as noted below</b>  |  |
| <i>Datascience</i>   | Mathematics: Methods ATAR <b>or</b> Mathematics: Specialist ATAR <b>or</b> equivalents |  |
| <i>Mathematics</i>   | Mathematics: Methods ATAR <b>or</b> Mathematics: Specialist ATAR <b>or</b> equivalents |  |
| <i>Physics</i>   | Physics ATAR <b>and</b> Mathematics: Methods ATAR                                      |  |
| <b>Science / Business (double degree)</b>                          | <b>Applicants must satisfy the prerequisites for specific major(s) as noted below</b>  |  |
| <i>Datascience</i>   | Mathematics: Methods ATAR <b>or</b> Mathematics: Specialist ATAR <b>or</b> equivalents |  |
| <i>Mathematics Major</i>   | Mathematics: Methods ATAR <b>or</b> Mathematics: Specialist ATAR <b>or</b> equivalents |  |
| <i>Physics</i>   | Physics ATAR <b>and</b> Mathematics: Methods ATAR                                      |  |
| <b>Security</b>  | No prior study in a particular course is required                                      |  |
| <b>Social Science</b>  | No prior study in a particular course is required                                      |  |
| <b>Speech Pathology</b>  | No prior study in a particular course is required                                      |  |
| <b>Sport, Recreation and Event Management</b>                      | No prior study in a particular course is required                                      |  |
| <b>Sports Science and Football</b>                                 | No prior study in a particular course is required                                      |  |
| <b>Sustainability</b>  | No prior study in a particular course is required                                      |  |
| <b>Technology (Aeronautical)</b>                                   |  | Physics ATAR or Engineering Studies ATAR and Mathematics: Methods ATAR <sup>3</sup> or equivalents               |
| <b>Technology (Engineering)</b>                                    |  | Mathematics: Methods ATAR <sup>2</sup> or equivalent   |
| <b>Technology (Motorsports)</b>                                    |  | Mathematics: Methods ATAR <sup>3</sup> <b>and</b> Physics ATAR <b>or</b> Engineering Studies ATAR or equivalents |
| <b>University Preparation Course</b>                               | No prior study in a particular course is required                                      |  |
| <b>University Preparation Course (Education Assistant Program)</b> | No prior study in a particular course is required                                      |  |
| <b>Youth Work</b>  | No prior study in a particular course is required                                      |  |

# MURDOCH UNIVERSITY

While many universities have prerequisite Year 12 courses for most of their courses, Murdoch University has a flexible degree structure that allows us to avoid this particular entrance requirement. Murdoch understands that students do not always make up their minds about the career they would like until much later than Year 10 and so Murdoch has 'make-up' units available in Chemistry, Mathematics and Physics for students who have not studied, or who have not performed well in, these subjects 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                    |
|--|--------------------------------|
| <b>BACHELOR OF ARTS</b>                          |                                |
| Community Development                            | No specific courses            |
| English and Creative Writing                     | No specific courses            |
| Global Politics and Policy                       | 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            |
| Psychology (BA)                                  | No specific courses            |
| Security, Terrorism and Counterterrorism Studies | No specific courses            |
| Sociology  | No specific courses            |
| Sustainable Development                          | No specific courses            |
| Theatre and Drama                                | No specific courses            |
| Tourism and Events                               | No specific courses            |
| <b>BACHELOR OF BUSINESS</b>                      |                                |
| Accounting                                       | Mathematics: Applications ATAR |
| Banking  | Mathematics: Applications ATAR |
| Business Law                                     | No specific courses            |
| Economics  | Mathematics: Applications ATAR |
| Finance  | Mathematics: Applications ATAR |
| Hospitality and Tourism Management               | No specific courses            |
| Human Resource Management                        | No specific courses            |
| Management                                       | No specific courses            |
| Marketing  | No specific courses            |
| <b>BACHELOR OF COMMERCE</b>                      |                                |
| Accounting                                       | Mathematics: Applications ATAR |
| Banking  | Mathematics: Applications ATAR |
| Business Law                                     | No specific courses            |
| Economics  | Mathematics: Applications ATAR |
| Finance  | Mathematics: Applications ATAR |
| Hospitality and Tourism Management               | No specific courses            |
| Human Resource Management                        | No specific courses            |

| <b>COURSE</b>  | <b>RECOMMENDED</b>   |
|--|--|
| Management   | No specific courses  |
| Marketing  | No specific courses  |
| <b>BACHELOR OF COMMUNICATION</b>   |  |
| Global Media and Communication   | No specific courses  |
| Journalism   | No specific courses  |
| Strategic Communication  | No specific courses  |
| Creative Media/Communication   | No specific courses  |
| <b>BACHELOR OF CREATIVE MEDIA</b>  |  |
| 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  |
| <b>BACHELOR OF CRIMINOLOGY</b>   |  |
| Crime Science  | No specific courses  |
| Criminal Behaviour   | No specific courses  |
| Legal Studies  | No specific courses  |
| Criminology/Arts (Psychology)  | No specific courses  |
| <b>BACHELOR OF EDUCATION</b>   |  |
| Early Childhood and Primary Teaching   | No specific courses  |
| Primary Teaching   | No specific courses  |
| Primary, 1-10 Health and Physical Education  | No specific courses  |
| Secondary Teaching/Arts  | No specific courses  |
| Secondary Teaching/Science   | No specific courses  |
| <b>BACHELOR OF ENGINEERING</b>   |  |
| Chemical and Metallurgical Engineering (Hons)  | Mathematics: Methods ATAR, Mathematics: Specialist ATAR, Chemistry ATAR, Physics ATAR  |
| Environmental Engineering (Hons)   | Mathematics: Methods ATAR, Mathematics: Specialist ATAR, Chemistry ATAR, Physics ATAR  |
| Engineering (Electrical) (Hons)  |  |
| <ul style="list-style-type: none"> <li>• Electrical Power Engineering</li> <li>• Industrial Computer Systems Engineering</li> <li>• Instrumentation and Control Engineering</li> <li>• Renewable Energy Engineering</li> </ul> | <ul style="list-style-type: none"> <li>Mathematics: Methods ATAR, Mathematics: Specialist ATAR, Physics ATAR</li> <li>Mathematics: Methods ATAR, Mathematics: Specialist ATAR, Physics ATAR</li> <li>Mathematics: Methods ATAR, Mathematics: Specialist ATAR, Physics ATAR</li> <li>Mathematics: Methods ATAR, Mathematics: Specialist ATAR, Physics ATAR</li> </ul> |
| <b>BACHELOR OF LAWS</b>  |  |
| Law  | No specific courses  |
| Law/Arts   | No specific courses  |
| Law/Business   | No specific courses  |



| <b>COURSE</b>   | <b>RECOMMENDED</b>   |
|---|--|
| Law/Criminology   | No specific courses  |
| Law/Science   | No specific courses  |
| <b>BACHELOR OF NURSING</b>  |  |
| Nursing   | Mathematics: Applications ATAR, Chemistry ATAR, Human Biology ATAR                             |
| <b>BACHELOR OF SCIENCE</b>  |  |
| Animal Health   | Mathematics: Methods ATAR, Chemistry ATAR, Biology ATAR  |
| Animal Science  | Mathematics: Methods ATAR, Chemistry ATAR, Biology ATAR  |
| Biological Sciences   | Mathematics: Applications ATAR, Chemistry ATAR   |
| Biomedical Science  | Mathematics: Applications ATAR, Chemistry ATAR, Physics ATAR, Biology ATAR                     |
| Business Information Systems                                      | Mathematics: Applications ATAR   |
| Chemistry   | Mathematics: Methods ATAR, Chemistry ATAR, Physics ATAR  |
| Chiropractic Science and Clinical Chiropractic (BSc + BClinChiro) | Mathematics: Applications ATAR, Chemistry ATAR, Physics ATAR, Human Biology ATAR, Biology ATAR |
| Clinical Laboratory Science                                       | Chemistry ATAR   |
| Computer Science  | Mathematics: Applications ATAR   |
| Conservation and Wildlife Biology                                 | Mathematics: Applications ATAR, Chemistry ATAR   |
| Crop and Pasture Science  | Chemistry ATAR, Mathematics Applications ATAR  |
| Cyber Forensics and Information Security                          | Mathematics: Applications ATAR   |
| Engineering Technology  | Mathematics: Methods ATAR <sup>4</sup> , Mathematics: Specialist ATAR, Physics ATAR            |
| Environmental Management and Sustainability                       | Mathematics: Applications ATAR, Chemistry ATAR   |
| Environmental Science   | Mathematics: Applications ATAR, Chemistry ATAR   |
| Forensic Biology and Toxicology                                   | Mathematics: Applications ATAR, Chemistry ATAR   |
| Games Software Design and Production                              | Mathematics: Applications ATAR   |
| Games Technology  | Mathematics: Applications ATAR   |
| Genetics and Molecular Biology                                    | Mathematics: Applications ATAR, Chemistry ATAR   |
| Internetworking and Network Security                              | Mathematics: Applications ATAR   |
| Laboratory Medicine   | Chemistry ATAR, Mathematics: Applications ATAR, Human Biology ATAR or Biology ATAR             |
| Marine Biology  | Mathematics: Applications ATAR, Chemistry ATAR, Biology ATAR                                   |
| Marine Science  | Mathematics: Applications ATAR, Chemistry ATAR   |
| Mathematics and Statistics  | Mathematics: Specialist ATAR   |
| Mineral Science   | Mathematics: Methods ATAR, Mathematics: Specialist ATAR, Chemistry ATAR                        |
| Mobile and Web Application Development                            | No specific courses  |
| Physics and Nanotechnology  | Mathematics: Methods ATAR, Mathematics: Specialist ATAR, Physics ATAR                          |
| Psychology (BSc)  | Mathematics: Applications ATAR   |
| Sport and Health Science  | Physical Education Studies ATAR, Human Biology ATAR  |

| <b>COURSE</b>  | <b>RECOMMENDED</b>  |
|--|---|
| Veterinary Science <i>BSc (Veterinary Biology) which progresses into an integrated DVM (Doctor of Veterinary Medicine)</i> | Mathematics: Methods ATAR, Chemistry ATAR, Physics ATAR, Biology ATAR   |
| <b>BACHELOR OF SPORT AND EXERCISE SCIENCE</b>  |   |
| Sport and Exercise Science   | Physical Education Studies ATAR, Human Biology ATAR   |
| Sport and Exercise Science/Graduate Diploma Clinical Exercise Physiology   | Physical Education Studies ATAR, Human Biology ATAR   |
| Sport and Exercise Science/Science (Psychology) (combined degree)  | No specific courses   |
| <b>Enabling Program</b>  |   |
| OnTrack Enabling Program   | Completion of Year 11 and 12 with a B or higher in English General or a D or higher in an English ATAR course or Certificate III or higher. Applicants must be over the compulsory school age as defined by the WA School Education Act 1999 in the year of commencement of the course. |

# THE UNIVERSITY OF WESTERN AUSTRALIA

The following list outlines the prerequisite and recommended ATAR courses for entry to UWA courses in 2020. To satisfy the prerequisite requirements, a scaled score of 50 or more in the ATAR course is required.

**If prerequisite subjects have not been satisfied but other entry requirements have been met, an offer into the course will be given. However, additional units will be required as part of your degree.**

Recommended courses provide valuable background that will assist you during your studies but do not affect selection into the course.

## Undergraduate degrees

| Bachelor of Arts                           |  |                     |
|--|--|---------------------|
| Major                                      | Prerequisites  | Recommended Courses |
| Anthropology and Sociology                 | No previous study in a particular course is required |                     |
| Archaeology                                | No previous study in a particular course is required |                     |
| Architecture (Double Major)                | No previous study in a particular course is required |                     |
| Asian Studies                              | No previous study in a particular course is required |                     |
| Chinese                                    | No previous study in a particular course is required |                     |
| Classics and Ancient History               | No previous study in a particular course is required |                     |
| Communication and Media Studies            | No previous study in a particular course is required |                     |
| English and Cultural Studies               | No previous study in a particular course is required |                     |
| Fine Arts                                  | No previous study in a particular course is required |                     |
| French Studies                             | No previous study in a particular course is required |                     |
| German Studies                             | No previous study in a particular course is required |                     |
| History                                    | No previous study in a particular course is required |                     |
| History of Art                             | No previous study in a particular course is required |                     |
| Human Geography and Planning               | No previous study in a particular course is required |                     |
| Indigenous Knowledge, History and Heritage | No previous study in a particular course is required |                     |
| Indonesian                                 | No previous study in a particular course is required |                     |
| Italian Studies                            | No previous study in a particular course is required |                     |
| Japanese                                   | No previous study in a particular course is required |                     |
| Korean Studies                             | No previous study in a particular course is required |                     |
| Law and Society                            | No previous study in a particular course is required |                     |
| Landscape Architecture                     | No previous study in a particular course is required |                     |
| Linguistics                                | No previous study in a particular course is required |                     |

| <b>Bachelor of Arts</b>                       |   |                            |
|---|---|----------------------------|
| <b>Major</b>                                  | <b>Prerequisites</b>  | <b>Recommended Courses</b> |
| Music Specialist Studies                      | Complete an audition which will require demonstration of a musical background equivalent to Music ATAR. | Music ATAR                 |
| Music Studies                                 | Complete an audition which will require demonstration of a musical background equivalent to Music ATAR. | Music ATAR                 |
| Philosophy                                    | No previous study in a particular course is required  |                            |
| Political Science and International Relations | No previous study in a particular course is required  |                            |
| Psychology in Society                         | No previous study in a particular course is required  |                            |
| Psychology (Double Major)                     | No previous study in a particular course is required  |                            |
| Work and Employment Relations                 | No previous study in a particular course is required  |                            |

| <b>Bachelor of Biomedical Science</b> |   |  |
|---------------------------------------|---|--|
| <b>Major</b>                          | <b>Prerequisites</b>  | <b>Recommended Courses</b>                   |
| Aboriginal Health and Wellbeing       | Mathematics: Applications ATAR  | Mathematics: Methods ATAR                    |
| Anatomy and Human Biology             | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year |  |
| Biochemistry and Molecular Biology    | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year | Chemistry ATAR and Biology ATAR              |
| Exercise and Health                   | Mathematics: Applications ATAR OR a mathematics unit taken in the first year                              | Mathematics: Methods ATAR                    |
| Genetics                              | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year | Chemistry ATAR                               |
| Medical Sciences                      | Mathematics: Applications ATAR  | Mathematics: Methods ATAR and Chemistry ATAR |
| Microbiology and Immunology           | Mathematics; Applications ATAR  | Mathematics: Methods ATAR and Chemistry ATAR |
| Neuroscience                          | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year | Chemistry ATAR and Physics ATAR              |
| Pathology and Laboratory Medicine     | Mathematics: Applications ATAR  | Mathematics: Methods ATAR and Chemistry ATAR |
| Pharmacology                          | Mathematics: Applications ATAR  | Mathematics: Methods ATAR and Chemistry ATAR |
| Physiology                            | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year | Chemistry ATAR and Physics ATAR              |
| Population Health                     | Mathematics: Applications ATAR  | Mathematics: Methods ATAR                    |
| Science Communication                 | Mathematics: Applications ATAR OR a mathematics unit taken in the first year                              | Mathematics: Methods ATAR                    |

**Bachelor of Commerce** <sup>1,2</sup>

| Major                     | Prerequisites                  | Recommended Courses       |
|---------------------------|--------------------------------|---------------------------|
| Accounting                | Mathematics: Applications ATAR | Mathematics: Methods ATAR |
| Business Law              | Mathematics: Applications ATAR | Mathematics: Methods ATAR |
| Economics                 | Mathematics: Applications ATAR | Mathematics: Methods ATAR |
| Finance                   | Mathematics: Applications ATAR | Mathematics: Methods ATAR |
| Human Resource Management | Mathematics: Applications ATAR | Mathematics: Methods ATAR |
| Management                | Mathematics: Applications ATAR | Mathematics: Methods ATAR |
| Marketing                 | Mathematics: Applications ATAR | Mathematics: Methods ATAR |
| Professional Economics    | Mathematics: Applications ATAR | Mathematics: Methods ATAR |

**Bachelor of Science**

| Major                              | Prerequisites   | Recommended Courses  |
|------------------------------------|---|--|
| Agricultural Science               | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year   |  |
| Anatomy and Human Biology          | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year   |  |
| Biochemistry and Molecular Biology | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year   | Biology ATAR and Chemistry ATAR  |
| Botany                             | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year   |  |
| Chemistry                          | Chemistry ATAR or an additional Chemistry unit taken in the first year,<br>Mathematics: Methods ATAR OR<br>Mathematics: Applications ATAR with two additional mathematics units taken in the first year                                   | Mathematics: Specialist ATAR,<br>Mathematics: Methods ATAR and<br>Chemistry ATAR             |
| Computer Science                   | Mathematics: Methods ATAR   |  |
| Conservation Biology               | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year   |  |
| Data Science                       | Mathematics: Applications ATAR  | Mathematics Methods ATAR   |
| Engineering (Direct Pathway)       | Mathematics: Specialist ATAR;<br>Mathematics: Methods ATAR, Chemistry ATAR and Physics ATAR OR Mathematics: Methods ATAR with additional specified units taken in the first year depending on the number of missing prerequisite subjects | Mathematics: Specialist ATAR; ;<br>Mathematics Methods ATAR, Chemistry ATAR and Physics ATAR |
| Engineering Science (Double Major) | Mathematics: Specialist ATAR;<br>Mathematics: Methods ATAR, Chemistry ATAR and Physics ATAR OR Mathematics: Methods ATAR with additional specified units taken in the first year depending on the number of missing prerequisite subjects | Mathematics: Specialist ATAR; ;<br>Mathematics Methods ATAR, Chemistry ATAR and Physics ATAR |
| Environmental Science              | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year   |  |
| Exercise and Health                | Mathematics: Applications ATAR OR an additional mathematics unit taken in the first year  | Mathematics: Methods ATAR  |

| <b>Bachelor of Science</b>  |  |   |
|-----------------------------|--|---|
| <b>Major</b>                | <b>Prerequisites</b>   | <b>Recommended Courses</b>  |
| Genetics                    | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year  | Chemistry ATAR  |
| Geographical Sciences       | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year  |   |
| Geology                     | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year  |   |
| Marine Science              | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year  |   |
| Mathematics and Statistics  | Mathematics: Specialist ATAR and<br>Mathematics: Methods ATAR OR<br>Mathematics: Methods ATAR with additional mathematics units taken in the first year  | Mathematics: Specialist ATAR and<br>Mathematics: Methods ATAR                 |
| Natural Resource Management | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year  |   |
| Neuroscience                | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year  | Chemistry ATAR and Physics ATAR   |
| Physics                     | Mathematics: Specialist ATAR;<br>Mathematics: Methods ATAR and Physics ATAR OR Mathematics: Methods ATAR plus an additional mathematics unit taken in the first year, and Physics: ATAR or an additional Physics bridging unit taken in the first year | Mathematics: Specialist ATAR<br>Mathematics: Methods ATAR and<br>Physics ATAR |
| Psychological Science       | Mathematics: Applications ATAR OR an additional mathematics unit taken in the first year   | Mathematics: Methods ATAR   |
| Psychology (Double Major)   | Mathematics: Applications ATAR OR an additional mathematics unit taken in the first year   | Mathematics: Methods ATAR   |
| Science Communication       | Mathematics: Applications ATAR OR an additional mathematics unit taken in the first year   | Mathematics: Methods ATAR   |
| Sport Science               | Mathematics: Applications ATAR OR an additional mathematics unit taken in the first year   | Mathematics: Methods ATAR   |
| Zoology                     | Mathematics: Methods ATAR OR<br>Mathematics: Applications with a mathematics unit taken in the first year  | Chemistry ATAR  |

| <b>Bachelor of Philosophy (Honours)</b>                              |   |                            |
|--|---|----------------------------|
| <b>Major</b>   | <b>Prerequisites</b>  | <b>Recommended Courses</b> |
| Any of the majors listed above may be studied within the BPhil(Hons) | ATAR (or equivalent) of at least 98.00, refer to the individual majors section for course information. (Additional selection criteria may apply.) |                            |

| Area of study              | Entry requirements   |
|----------------------------|--|
| Architecture               | Completion of a bachelor's degree, or an equivalent qualification, as recognised by UWA and the equivalent of a UWA weighted average mark of at least 60%.   |
| Dentistry                  | Completion of a bachelor's degree, or an equivalent qualification, as recognised by UWA and the equivalent of a UWA Grade Point Average of at least 5.5  |
| Engineering                | Completion of a bachelor's degree with a major in Engineering Science, or an equivalent qualification, as recognised by UWA; <sup>5</sup> OR<br>Completion of a bachelor's degree, or an equivalent qualification, as recognised by UWA; and the equivalent of a UWA weighted average mark of at least 65%; and prior studies in Engineering, Physics or Mathematics |
| Landscape Architecture     | Completion of a bachelor's degree, or an equivalent qualification, as recognised by UWA and the equivalent of a UWA weighted average mark of at least 60%.   |
| Law                        | Completion of a bachelor's degree, or an equivalent qualification, as recognised by UWA and the equivalent of a UWA Grade Point Average of at least 5.5 <sup>6</sup>   |
| Medicine                   | Completion of a bachelor's degree, or an equivalent qualification, as recognised by UWA and the equivalent of a UWA Grade Point Average of at least 5.5 <sup>7</sup>   |
| Pharmacy                   | Completion of an Australian undergraduate bachelor's degree, or an equivalent qualification, as recognised by UWA and the equivalent of a UWA Grade Point Average of at least 5.0 together with completion of certain pre-requisite units <sup>7</sup>   |
| Podiatric Medicine         | Completion of a bachelor's degree, or an equivalent qualification, as recognised by UWA and the equivalent of a UWA Grade Point Average of at least 5.0. Certain pre-requisite units may be required.  |
| Psychology                 | Completion of a bachelor's degree with honours in psychology, or an equivalent qualification, as recognised by UWA   |
| Social Work                | Completion of a relevant bachelor's degree, or an equivalent qualification, as recognised by UWA <sup>8</sup>  |
| Teaching (Early Childhood) | Completion of a bachelor's degree other than a Bachelor of Education, or an equivalent qualification, as recognised by UWA and at least one year of the bachelor's degree is relevant to one or more learning areas in the Early Childhood school curriculum.  |
| Teaching (Primary)         | Completion of a bachelor's degree other than a Bachelor of Education, or an equivalent qualification, as recognised by UWA and at least one year of the bachelor's degree is relevant to one or more learning areas in the Primary school curriculum.  |
| Teaching (Secondary)       | Completion of a bachelor's degree other than a Bachelor of Education, or an equivalent qualification, as recognised by UWA and a major relevant to secondary teaching curriculum majors offered by UWA <sup>9</sup>  |
| Translation Studies        | Completion of a bachelor's degree, or an equivalent qualification, as recognised by UWA and the equivalent of a UWA Weighted Average Mark of 65%   |

**NOTES:**

1. If you do not have a scaled score of 50 or higher in Mathematics: Methods ATAR, you will need to successfully complete mathematics units as part of your degree.
2. Prerequisite subjects may not apply to Commerce majors if being completed as a second major. Students without Mathematics may have a restricted choice of units in the Finance and Economics majors.
3. A number of Direct Pathway Places are available, providing entry into the relevant undergraduate course and a reserved place in the postgraduate course on the basis of Year 12 results. Check <http://www.studyat.uwa.edu.au/undergraduate/requirements/direct-pathways> for details.
4. A Grade Point Average of 5.5 is equivalent to an overall subject average of approximately 65-70%. A Grade Point Average of 5.0 is equivalent to an overall subject average of approximately 60-65%.
5. Students who are not in the Direct Pathway for Engineering are required to achieve a UWA Weighted Average Mark of at least 60 per cent in their bachelor's degree.
6. A competitive selection process will apply. Additional selection criteria may apply.
7. A competitive selection process and additional selection criteria will apply. Undergraduate studies may be undertaken in any area. Some study of physics at Year 12 level and biology and chemistry at first-year university level is recommended.



8. A bachelor's degree in arts, social sciences, psychology, health sciences (including medicine, nursing, public health, and physiotherapy), education, and law may be considered.
9. An honours degree in Psychology at a satisfactory level is required for School Psychology majors.

# ADDRESSES

## CURTIN UNIVERSITY

BENTLEY CAMPUS  
Kent Street  
BENTLEY WA 6102  
GPO Box U1987  
PERTH WA 6845  
Telephone: (08) 9266 7805  
Fax: (08) 9266 4108  
Web: [www.curtin.edu.au](http://www.curtin.edu.au)  
Email: [admissions@curtin.edu.au](mailto:admissions@curtin.edu.au)

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

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

## EDITH COWAN UNIVERSITY

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

## MURDOCH UNIVERSITY

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

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

Rockingham Campus  
THE STUDENT CENTRE  
Dixon Road  
ROCKINGHAM WA 6168  
Telephone: 1300 MURDOCH (1300 687  
3624)  
Fax: (08) 9360 6491  
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Web: [www.murdoch.edu.au](http://www.murdoch.edu.au)

## THE UNIVERSITY OF WESTERN AUSTRALIA

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Web: [www.studyat.uwa.edu.au](http://www.studyat.uwa.edu.au)

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