YOU KNOW WHERE YOU WANT TO BE. NOW YOU NEED TO GET THERE. CONNECT YOUR WORLD WITH THE WHOLE WORLD. BECOME WORLD READY AT ECU.
These truly are exciting times at Edith Cowan University (ECU). Exciting because ECU students benefit from studying at an institution that has been ranked Australia’s top public university for undergraduate teaching quality four years in a row according to the QILT (Quality Indicators in Learning and Teaching) survey results.

ECU was granted university status in 1991 and today we have more than 30,000 undergraduate and postgraduate students. We also have one of the most diverse student populations in Australia, with around 6,000 international students from more than 100 countries.

Within our comprehensive range of degrees, we offer industry-relevant teaching and research, a supportive study environment, and award-winning facilities. What we do clearly works because we have been recognised with a five-star rating for teaching quality for twelve years in a row in the 2019 Good Universities Guide.

For international students, we provide the opportunity to experience Australia’s unique culture. Each of our three campuses – Joondalup and Mount Lawley in metropolitan Perth and the South West Campus in Bunbury – offer you the chance to study in a vibrant academic environment alongside a diverse range of students.

So what are you waiting for? I invite you to join us on this exciting journey and become World Ready.

Professor Steve Chapman CBE
Vice-Chancellor
ECU AT A GLANCE

30,000+ STUDENTS
- 81% Domestic (local) students
- 16% International students
- 3% International students studying outside Australia

$62,600 median annual salary of ECU graduates, above national average (2018 QILT)

$139 MILLION Cyber Security Cooperative Research Centre in which ECU is a lead partner

$27 MILLION research revenue generated by approx. 500 research staff per year

$8.2 MILLION research grants awarded by external sources for ECU-led projects in 2018

100+ INTERNATIONAL STUDENT COUNTRIES OF ORIGIN

1,800 STAFF
- Courses available

250+

140K+
- ECU Alumni globally

7,000+
- Postgraduate coursework and research students

140K+
- International student countries of origin

8 TEACHING AND RESEARCH SCHOOLS
- Arts & Humanities
- Business & Law
- Engineering & Technology
- Medical & Health Sciences
- Nursing & Midwifery
- Science
- Teacher Education
- Western Australian Academy of Performing Arts
WHY CHOOSE ECU?

ECU has an enviable reputation as a university that provides one of the best learning experiences for both international and domestic students.

LEARN FROM THE BEST
Our high-calibre staff have significant professional experience in their field.

PRACTICAL LEARNING
Your learning extends beyond the classroom via practicums, work integrated learning and internships.

SUPPORTIVE LEARNING ENVIRONMENT
ECU is Australia’s top public university for undergraduate teaching quality. Counsellors and academic skills advisers help you get the most out of your education.

INTERNATIONALLY RECOGNISED
ECU degrees are internationally-recognised and many of our courses are professionally-accredited by national and international organisations.

INDUSTRY LINKS
Having direct links with industry and organisations provides you with hands-on experience while you’re studying.

OUTSTANDING FACILITIES
ECU’s modern and innovative facilities are among the best of any university in the world. Study in modern and innovative facilities such as the Health and Wellness Building, SMART lab, Law Moot Court, design, photography and media studios, engineering labs and much more!

WHO WAS EDITH COWAN?

Edith Cowan University recognises the achievements of a remarkable Western Australian woman, Edith Dirksey Cowan.

Edith Cowan OBE believed that education was fundamental to tackling the social issues of the day, and that it was the key to growth, change and improvement. Her tireless work influenced the course of education in Australia, paving the way for many people to access education they could only previously dream of.

In 1921, Edith Cowan was the first woman elected to an Australian Parliament. She was also instrumental in Western Australian women obtaining voting rights and expanding access to education, and many professions, to females.

Edith Cowan’s portrait is in the Western Australian Art Gallery and also adorns the Australian $50 note.
UNIVERSITY RANKINGS

ONE OF THE WORLD’S BEST YOUNG UNIVERSITIES
Ranked in the world’s top 150 universities under 50 years old in the 2019 Times Higher Education Young Universities Rankings.

TOP 100 IN THE ASIA-PACIFIC UNIVERSITY RANKINGS
Ranked in the top 100 universities in the 2019 Times Higher Education Asia-Pacific Rankings.

TOP 50 IN THE WORLD FOR UNIVERSITY IMPACT RANKINGS
Ranked number 6 in the world for Gender Equality, number 11 for Quality Education and ranked 46 overall in the 2019 Times Higher Education Impact Rankings, which shows how the global higher education sector is working towards the United Nations’ Sustainable Development Goals.

TEACHING QUALITY TOP IN AUSTRALIA
ECU is the best in Western Australia and one of the best in Australia for teaching quality. Our graduates have now rated us 5 stars for teaching quality in the Good Universities Guide for 12 years in a row.

ECU RANKED TOP PUBLIC UNIVERSITY IN AUSTRALIA FOR TEACHING QUALITY
ECU is Australia’s top public university for undergraduate teaching quality. This ranking has been achieved for four years running through the government’s independent QILT survey.

LEADER IN GENDER EQUALITY
ECU is proud to be leading the way in workplace gender equality, receiving a citation from the Australian Government’s Workplace Gender Equality Agency.
Discipline Specific Rankings

Creative Arts #2 in Australia
Australia’s #2 university for overall education experience, teaching quality and skill development in the Creative Arts discipline in the 2019 QILT rankings.

Computing & Information Systems Among Best in Australia
Western Australia’s top university for teaching quality, skill development, student support and overall educational experience in the Computing & Information Systems discipline in the 2019 QILT rankings.

Business & Management Among Best in Australia
Western Australia’s top public university for teaching quality, graduate satisfaction, skills development and student support in the Business & Management discipline in the 2019 QILT rankings.

Engineering Among the Best in the World
ECU has been ranked in the Top 201-250 universities in the world for Engineering and Technology by the globally recognised Times Higher Education World University Rankings.

Teacher Education Among Best in Australia
Australia’s top public university for teaching quality and overall educational experience in the Teacher Education discipline in the 2019 QILT rankings.

2019 QS World University Rankings by Subject
• Top 100 for Sports Science
• Top 300 ranking for Education

Sport Science Top 25
Our Sports Science program also ranked in the world’s top 25 in the 2018 Shanghai Ranking global survey of Sports Science Schools and Departments.

Nursing Among Top 150 Worldwide
ECU has received international recognition for the quality of our Nursing program, placing in the world’s top 150 universities in ShanghaiRanking’s 2018 global rankings.
WHY STUDY IN PERTH?

With a high standard of living, Perth is Australia’s fastest-growing city. Vibrant, sophisticated and safe, Perth is regularly rated among the top cities in the world for liveability\(^1\). The mild Mediterranean climate, endless blue skies, fresh air and brilliant white beaches are hard to beat!

STUDENT EMPLOYMENT

International students typically work in retail, hospitality and administration roles in Perth.

- Minimum wage is currently $18.93 per hour.
- You can earn more on weekends, night shifts and public holidays!
- Student visa holders can work part-time, up to 40 hours per fortnight and full-time during the semester breaks.

INTERNATIONAL GRADUATE OPPORTUNITIES

In 2018, the Western Australian State Government introduced an additional Graduate Skilled Migration list that will give high-achieving international graduates a pathway to skilled migration.


WE’RE CLOSER THAN YOU THINK!

Perth also benefits from sharing the same time zone as 60 per cent of the world’s population. And it’s the closest Australian capital to cities in Asia, Africa, and Europe. No less than 22 airlines fly between Perth and international cities.
PERTH RANKINGS

POPULATION:
PERTH – (APPROX.) 2 MILLION
AUSTRALIA – 24 MILLION

PERTH IS RANKED 36TH IN THE “WORLD’S 50 GREATEST CITIES”.


The New York Times

The New York Times puts Perth on its 2019 list of 52 Places to Go – Perth is 43rd on the list, with the NYT recognising a decade-long development boom having reinvigorated the city.

PERTH IS ONE OF THE WORLD’S HEALTHIEST AND SUNNIEST CITIES!

Perth enjoys the most days of sunshine of all of Australia’s major cities!

AVERAGE TEMPERATURE IN SUMMER IS 17°C - 29°C AND 10°C - 18°C IN WINTER.
Even in winter, Perth enjoys plenty of warm sunshine.

PERTH IS THE BEST VALUE CITY IN AUSTRALIA

According to the Economist Intelligence Unit’s Worldwide Cost of Living Survey in 2017, Perth is the least expensive city in Australia.
The survey, which included 133 cities worldwide, measured the costs of over 400 items, including accommodation, food, transport and entertainment.

Sources:
1 The Economist’s Annual Liveability Survey
2 Mercer Quality of Life Survey, 2019
4 Conde Nast Friendliest Cities in the World 2017
5 Bankwest Curtin Economics Centre, Monthly Labour Market Update, June 2018
6 QS (London), Best Student Cities 2018
7 QS (London), Best Student Cities 2018
8 Spotahome, Healthiest Cities Index (Accessed 19 September 2018)
10 Best Things To Do Around Perth

1. Go see a film at one of several open air cinemas, including one on ECU’s Joondalup Campus!

2. Attend a major sporting event or concert at Optus Stadium, voted the World’s Best Stadium for 2018.¹

3. Get along to one of Perth’s annual international arts festivals – Fringe World Festival and Perth Festival.

4. Visit Yagan Square, a mecca for cafes and restaurants, spectacular lighting display.

5. Go for a swim in the Scarborough Beach Pool or the ocean.

Sources:
1. The Stadium Business Awards 2018
2. Austradium Awards 2018
Enjoy a free guided walk in spectacular Kings Park, overlooking the city.

Explore historic andarty Fremantle, only 20km from the Perth city centre.

Have a night on the town with dinner and drinks in Perth or Mount Lawley.

Attend an event at RAC Arena, voted Australia’s Best Indoor Stadium 2018.

Take a ferry across to Rottnest Island and take a quokka selfie.

www.studyperth.com.au
OUR CAMPUS

We are located over three campuses in beautiful Western Australia. We pride ourselves on our industry relevant, world class facilities that allow you to experience modern equipment in real-world environments. All of our campuses can be accessed conveniently via public transport.

**JOONDALUP CAMPUS**

Our headquarters are at our stunning Joondalup Campus, 25km north of Perth.

A free bus ride connects the campus to the Joondalup Train Station and Lakeside Joondalup Shopping Centre, the largest shopping centre in Western Australia.

25 minutes from Perth city by train

**MOUNT LAWLEY CAMPUS**

Located in the thriving cultural hub of Mount Lawley and 6km to Perth city centre.

You can’t help but be inspired by the artistic vibe at our Mount Lawley Campus. It offers extensive media training and performing arts facilities, and is home to the Western Australian Academy of Performing Arts (WAAPA), one of Australia’s most successful performing arts training institutions.

15 minutes from Perth city by bus

**SOUTH WEST CAMPUS**

Located two hours’ drive south of Perth.

Our South West Campus in Bunbury is the largest university campus in regional Western Australia, offering small, personalised class sizes and on-campus accommodation.

2 hours from Perth city by car

GETTING AROUND PERTH

Perth has a modern and safe public transport network that is convenient and accessible for university students.

- **Free bus service**: All buses in Perth, Fremantle and Joondalup city zones are FREE.
- **Discount**: Full-time students receive between 40% and 45% discount on all public transport.

Visit the Transperth website transperth.wa.gov.au for more information.
AUSTRALIAN LOCATIONS
ECU Melbourne & ECU Sydney
ECU is now delivering courses in the heart of Melbourne and Sydney. These city locations allow students to enjoy the amenities and entertainment of these cities.
Visit ecu.edu.au/future-students/ecu-melbourne-sydney for more details.

OFFSHORE LOCATIONS
We also offer some of our courses at a few of our offshore partner locations:

<table>
<thead>
<tr>
<th>Country</th>
<th>Partner Name</th>
<th>Courses Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>Zhejiang Normal University</td>
<td>Master of Education (Education Leadership)</td>
</tr>
<tr>
<td>Singapore</td>
<td>PSB Academy</td>
<td>Bachelor of Science (Cyber Security) Graduate Certificate of Cyber Security Master of Cyber Security</td>
</tr>
<tr>
<td>Sri Lanka</td>
<td>Australian College of Business Technology</td>
<td>Bachelor of Business Bachelor of Science (Computer Science) Graduate Certificate of Business Master of Business Administration – International</td>
</tr>
<tr>
<td>UAE</td>
<td>Centre of Aviation &amp; Security Studies Emirates</td>
<td>Diploma in Aviation (Security Management) Diploma in Ground Handling</td>
</tr>
<tr>
<td>Vietnam</td>
<td>Ho Chi Minh City Open University</td>
<td>Master of Education (Teaching English to Speakers of Other Language)</td>
</tr>
</tbody>
</table>
Once you have your ECU offer, student visa and passport, you need to start making arrangements. Here are a few tips to help you get ready.

**BEFORE LEAVING HOME**
- Complete your Pre-Departure Induction
- Select your accommodation
- Register with ECU’s CareerHub (career and job assistance)
- Book your airport pickup

**ARRIVING IN AUSTRALIA**
It’s best to arrive in Perth two weeks before the beginning of the semester so that you have plenty of time to settle in. Study Perth have a Welcome Desk at the International Airport, so collect your FREE welcome pack and get friendly advice from students living in Perth!

**ATTENDING ORIENTATION**
Orientation provides you with a variety of activities to assist you with your studies, meeting new people and settling in to life in Australia, and you can book events online.

**GETTING PERSONAL SUPPORT TO SUCCEED**

- **Student Success** assist with adjusting to study and life in Perth, and assist you in making a plan to address any personal challenges. They can also help you understand what is expected of you as a student visa holder.
- **Learning advisors** assist with developing your study skills, providing workshops on academic and English Language skills as well as drop-in sessions. They conduct workshops, prepare academic skill resources, and provide one-on-one and group consultations.
- **Peer mentors** help new students build social and academic networks so you settle more quickly.
- **Equity, Diversity & Disability** is a free, confidential service for students with a disability and/or medical condition, either permanent or temporary, and can help make uni life a better experience.

**Careers and Employability Services** offer free career counselling and job search support to all students and alumni, including:
- Job application skills, including résumé and cover letter writing, selection criteria and interviews
- Access to part-time, casual, full-time and graduate employment
- On-campus employer presentations, career fairs and workshops
- Volunteering opportunities to improve your leadership, communication and employability skills
- Tools to plan and manage your career pathway

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### A TYPICAL WEEK IN THE LIFE OF AN ECU STUDENT

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
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<td>16:00</td>
<td>18:00</td>
<td>12:00</td>
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</tbody>
</table>

- **Study time**
- **Work**
- **Visit Fremantle**
- **Study Group**
- **Beach time**
- **Going to movies**
- **Dinner in Northbridge**
WE PROVIDE A SUPPORTIVE LEARNING ENVIRONMENT THROUGH AN EXCELLENT RANGE OF FACILITIES, SERVICES AND SUPPORT PROGRAMS.

**HEALTH & WELLBEING**
- Medical Centres (Joondalup and Mount Lawley)
- Free Counselling service
- Fully-equipped sports, recreation and fitness centres (Joondalup and Mount Lawley)
- Mini-gym and playing courts (Bunbury)
- University Games

**ECU FACILITIES**
- Fully-equipped modern libraries
- E-labs available 24/7, with free Wi-Fi
- The Co-Op shop to assist you with all your educational needs
- Prayer Rooms (facilities for you to pray on campus)

**ECU SECURITY**
- Security service 24/7, including night security escort
- Emergency phones
- Security App – NowForce

**ACADEMIC SUPPORT**
- Academic Peer Support Program
- Career, Volunteering, Mentoring and Leadership Services
- Equity, Diversity & Disability Services
- Learning Advisors
- Study Abroad and Exchange Program
- Learning environment that supports diversity

**STUDENT GUILD**
The ECU Student Guild is an independent organisation governed by students. The Guild advocates for the interests of students to the university, promotes student clubs, organises social events, and provides academic and welfare services, plus membership is free.

**FOOD & RETAIL**
- Cafés and other food outlets
- Taverns (Joondalup and Mount Lawley)
- Hairdresser (Joondalup)
- Bookshops
- Automated Teller Machines (ATMs)

**STUDENT CLUBS**
Joining a club is a great way to make new friends and share your interests, and ECU has something for everyone. Here's a list of a few current clubs:
- Enactus Club
- Arts Management Student Organisation
- Civil & Environmental Engineering Society
- Computer and Security Student Association (CASSA)
- CoSIM (Computing, Security, Intelligence & Mathematics)
- ECU Engineering Society
- Edith Cowan Student Law Society
- Finance & Accounting Society
- Intelligence and Counter-Terrorism Student Association
- Nursing & Midwifery Collective

**STUDENT HUB**
The Student Hub is a dedicated service centre that can assist with the following:
- Course information and advice
- Enrolment assistance, including assistance with pre-requisite waivers, timetable clashes, full unit activities, invalid enrolments
- Assistance with resuming your studies following a deferral or discontinuation
- Advice on time requirements for completion of courses
- Student support services
- Lost property
STUDENT ACCOMMODATION

ECU offers international students a variety of accommodation options, including on-campus villages, off-campus private rental properties, and home-stay with a Western Australian family.

ON-CAMPUS STUDENT VILLAGE

ECU has excellent on-campus accommodation on all three campuses, making it a convenient option for international students.

Facilities include:

- Outdoor pool
- Sporting equipment
- Swipe card-operated laundry (Joondalup)
- Coin-operated laundries (Mount Lawley and Bunbury)
- Communal kitchen
- High speed internet access
- TV room
- BBQs
- Parking

Due to the high demand for on-campus accommodation, we recommend that you visit mystudentvillage.com/au/ecuvillage and make your online application early.
**Off-Campus Accommodation**

Students may choose to rent an apartment, townhouse or house on their own or with fellow students. Private rental accommodation can be furnished or unfurnished.


**Homestay**

Students can also choose to live in a private home with an Australian family. The chance to be involved in daily life, the learning of our culture and customs, plus the added advantage of having the company of other people, are just some of the reasons Homestay is popular.

Visit [homestaynetwork.org/edith-cowan-university](http://homestaynetwork.org/edith-cowan-university) for more information.

**Living Costs**

Day-to-day living costs will vary, based on personal tastes, interests and financial position. Students should plan a budget to suit their needs, but make sure it’s flexible enough to allow for changes. Here is a guide to some key weekly expenses.

<table>
<thead>
<tr>
<th></th>
<th>On-Campus accommodation</th>
<th>Share house off-campus</th>
<th>Homestay off-campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rent</td>
<td>$191–$342</td>
<td>$165–$300</td>
<td>$245–$280</td>
</tr>
<tr>
<td>Food</td>
<td>$80–$150</td>
<td>$80–$150</td>
<td>Included</td>
</tr>
<tr>
<td>Transport to University</td>
<td>Walking distance</td>
<td>$20–$45</td>
<td>$20–$45</td>
</tr>
<tr>
<td>Electricity &amp; gas</td>
<td>Included</td>
<td>$35</td>
<td>Included</td>
</tr>
<tr>
<td>Internet</td>
<td>Included</td>
<td>$10–$20</td>
<td>$10–$20</td>
</tr>
<tr>
<td>Mobile phones</td>
<td>$15</td>
<td>$15</td>
<td>$15</td>
</tr>
</tbody>
</table>
YOUR PATHWAY TO ECU

There are several pathways to study at ECU and you don’t necessarily need a degree to qualify. And for postgraduate studies, relevant work experience may also help you with admission to some of our courses. See below for the most common undergraduate and postgraduate pathways.

High School

Diploma → Bachelor Degree (3 or 4 Years)

Grad Diploma (1 Year) → Master by Coursework (2 Years) → Master by Research (2 Years) → Honours (1 Year)

Integrated PhD (4 Years) → PhD (3 – 4 Years)

First or Upper Second Class
Lower or Third Class
WAM 70 or higher & Four-Year Bachelor Degree

ACADEMIC AND ENGLISH PATHWAYS

If you don’t meet ECU’s academic or English competency requirements, we encourage you to consider studying at one of our pathway providers, where you will be able to receive a packaged offer, making it easier for you to obtain your student visa.

Visit international.ecu.edu.au/entry for more details.

Pathway Providers

<table>
<thead>
<tr>
<th>Provider</th>
<th>Website</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edith Cowan College</td>
<td>edithcowancollege.edu.au</td>
<td>English and academic pathways into 30+ ECU courses</td>
</tr>
<tr>
<td>AMA College</td>
<td>amacollege.edu.au</td>
<td>Pathways into business, management and health management</td>
</tr>
<tr>
<td>Language Links</td>
<td>languagelinks.wa.edu.au</td>
<td>English pathways</td>
</tr>
<tr>
<td>Navitas</td>
<td>navitasenglish.com</td>
<td>English pathways in multiple locations in Australia</td>
</tr>
</tbody>
</table>
## REQUIRED ENGLISH RESULTS

<table>
<thead>
<tr>
<th>Pathway Provider</th>
<th>Minimum Undergraduate English Requirement*</th>
<th>Minimum Postgraduate English Requirement*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edith Cowan College</td>
<td>Successful completion of Academic English 4 (AE 4) with minimum attendance of 80 per cent</td>
<td>Successful completion of Academic English 5 (AE 5) with minimum attendance of 80 per cent</td>
</tr>
<tr>
<td>International Institute of Business and Technology</td>
<td>Minimum score of B2+ with no band less than B2+ in Academic English IV</td>
<td>Minimum score of C1+ with no band less than B2+ in Academic English IV</td>
</tr>
<tr>
<td>Language Links</td>
<td>Completion of the English for IELTS and Academic Purposes with minimum overall level Upper Intermediate B (B2 on the Common European Framework). Upper Intermediate B in all 4 macro skills (and meets Grammar/English in Use requirements for this level)</td>
<td>Completion of the English for IELTS and Academic Purposes with minimum overall level Upper Intermediate A (B2+ on the Common European Framework). Upper Intermediate A or B in all 4 macro skills (and meets Grammar/English in Use requirements for this level)</td>
</tr>
<tr>
<td>Navitas English</td>
<td>Navitas Academic English Level 3 (AE3) – Overall pass mark of 60 per cent</td>
<td>Navitas Academic English Level 3 (AE3) – Overall pass mark of 65 per cent</td>
</tr>
<tr>
<td>Perth International College of English (PICE)</td>
<td>Completion of PICE Level 7</td>
<td>Completion of PICE Level 8</td>
</tr>
<tr>
<td>Phoenix Academy</td>
<td>Overall CEFR B2+ with no band less than B2+</td>
<td>Overall CEFR C1 with no band less than B2+</td>
</tr>
</tbody>
</table>

*Required score to get into ECU.
Edith Cowan College (ECC) is ECU’s on campus academic and English pathway provider. ECC is a member of Navitas and is located on ECU’s Joondalup and Mount Lawley campuses. In association with ECU, ECC offers University Pathway Programs for students needing academic or English preparation before entering ECU.

**EDITH COWAN COLLEGE**

Edith Cowan College (ECC) is ECU’s on campus academic and English pathway provider. ECC is a member of Navitas and is located on ECU’s Joondalup and Mount Lawley campuses. In association with ECU, ECC offers University Pathway Programs for students needing academic or English preparation before entering ECU.

**UNDERGRADUATE**

**Academic undergraduate pathway to ECU**

ECC’s Diploma programs are recognised by ECU for advanced standing, providing you with a proven alternative entry pathway into Year 2 of select ECU Bachelor degrees.*

ECC offers a broad range of diploma programs in the following areas: Commerce; Communications and Creative Industries; Hotel Management; Science (Computing/IT); Science (Health Studies) including Nursing, and Science (Engineering Studies).

These programs are taught on ECU’s Joondalup Campus West.

**ECC academic advantages**

- The second half of ECC’s two-year diploma programs are equivalent to the first year of the respective Bachelor degree at ECU
- Guaranteed entry into the second year* of the respective Bachelor degree at ECU upon successful completion of the second year of the applicable ECC Diploma
- Study on the University’s campus
- Trimester system or fast-track (two trimester) option
- Small group teaching and individual attention
- Dedicated university lecturers
- Packaged English and academic programs

Visit edithcowancollege.edu.au for more information.
### Undergraduate English Package Guide

<table>
<thead>
<tr>
<th>IELTS Score</th>
<th>AE 1</th>
<th>10 weeks</th>
<th>ECU Undergraduate entry</th>
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<td>4.0</td>
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### Postgraduate English Package Guide

<table>
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<tr>
<th>IELTS Score</th>
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<th>10 weeks</th>
<th>ECU Postgraduate entry</th>
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<td>4.5</td>
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<tr>
<td>6.0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Postgraduate English Pathway to ECU

ECC’s Postgraduate Qualifying Program (PQP) is a non-award program designed to lead students into the following ECU Master degrees with one unit of advanced standing:

- Master of Professional Accounting*
- Master of Business Administration
- Master of Business Administration International
- Master of Computer Science
- Master of Cyber Security
- Master of Finance and Banking
- Master of Human Resource Management
- Master of International Hospitality Management
- Master of Marketing and Innovation Management
- Master of Management Information Systems
- Master of Project Management

The program is designed for students who already have tertiary qualifications but have not qualified for direct entry into university Master programs.

The program will equip students with the knowledge, skills and English Language Proficiency (ELP) for entry into Masters degrees in the ECU School of Business and Law and the School of Science (Computing and Security).

### English Pathway to ECU

ECC offers English language programs for people from non-English speaking backgrounds and direct entry pathways for international students wishing to undertake university study at ECU.

#### Academic English Program Offered at ECC

ECC offers the Academic English Program (AEP), which is designed especially for students who plan to study at university.

Students have the opportunity to develop their language skills and enhance their studies in preparation for Higher Education.

Students who do not have the required English score for direct entry into their academic program can have AEP packaged with their academic program.

The AEP, taught on the ECU Mount Lawley Campus, is offered in 10-week blocks (at all levels). Following completion of the required level, students will not be required to take an English test for entry into ECU (excluding programs where IELTS is compulsory, such as Nursing). To progress, students must achieve a minimum of 65 per cent at the required AEP level.

Students will be placed in the correct level according to their IELTS result (see above), and will be required to pass that level to move to the next level or commence their academic program.

*Advanced standing is not available for this course.

*Not all Diplomas lead directly into Year 2 at ECU.
COURSE ADMISSION REQUIREMENTS

There are minimum admission requirements to enter ECU undergraduate and postgraduate courses. Students must meet these, in addition to meeting any prerequisites and/or special admission requirements for the course for which they intend to apply.

AWARD SPECIFIC REQUIREMENT

<table>
<thead>
<tr>
<th>Specific Awards</th>
<th>Academic Entry Requirements</th>
<th>Standard Entry</th>
<th>Higher Entry</th>
<th>English Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>GCE A Levels</td>
<td>The provision of your official A Level results with a minimum aggregate score of 5 from a minimum of 2 and a maximum of 3 A Level subjects (where A = 5, B = 4, C = 3, D = 2, E = 1)</td>
<td>5</td>
<td>8</td>
<td>GCE A Level English Language – Grade E or above GCE O Level or GCSE English Language – Grade C or above</td>
</tr>
<tr>
<td>International Baccalaureate Diploma</td>
<td>Minimum of 24 points consisting of aggregate from 3 higher level and 3 subsidiary level</td>
<td>24</td>
<td>28</td>
<td>Higher Level English – Grade 3 (2011) – Grade 4 (2012 onwards)</td>
</tr>
<tr>
<td>Western Australian Certificate of Education (WACE)</td>
<td>Australian Tertiary Admission Rank (ATAR) Subject to annual change</td>
<td>70</td>
<td>71-80*</td>
<td>Scaled score of 50 in English, Literature or ATAR English as an Additional Language/Dialect</td>
</tr>
<tr>
<td>Western Australia Universities Foundation Program (WAUFP)</td>
<td>Subject to annual change</td>
<td>53</td>
<td>65</td>
<td>ELACS 50</td>
</tr>
</tbody>
</table>

# ATAR higher entry score requirements may vary depending on the course.
**MINIMUM ENTRY REQUIREMENTS**

<table>
<thead>
<tr>
<th>Academic/English</th>
<th>Requirements</th>
<th>Course Exceptions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Undergraduate</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| **Academic**     | There are various ways to meet our admission requirements, such as:  
• Secondary school results  
• Successful completion of one year of tertiary study from a recognised institution  
• Completed Diploma program from a recognised institution | **Higher Entry:** Includes but not limited to Bachelor of Science (Exercise Science and Rehabilitation), Bachelor of Science (Occupational Therapy) and Bachelor of Speech Pathology.  
**Assessed on case-by-case basis:** Includes, but not limited to, Bachelor of Engineering Science, Bachelor of Law and associated double degrees. |
| **English**      | **Academic IELTS:** 6.0 (no individual band less than 6.0)  
**TOEFL iBT:** 70 (no individual score less than 17)  
**Pearson Test of English (PTE):** 52 with no score less than 50 | • Bachelor of Education (Early Childhood Studies)  
• Bachelor of Education (Primary)  
• Bachelor of Education (Secondary)  
• Bachelor of Science (Nursing)  
• Bachelor of Science (Nursing) / Bachelor of Science (Midwifery)  
• Bachelor of Science (Occupational Therapy)  
• Bachelor of Speech Pathology |
| **Postgraduate** |              |                   |
| **Academic**     | • Previous university studies  
• Professional experience | • Master of Nursing (Graduate Entry)  
• Master of Nutrition and Dietetics  
• Master of Psychology  
• Master of Teaching (Early Childhood)  
• Master of Teaching (Primary)  
• Master of Teaching (Secondary) |
| **English**      | **Academic IELTS:** 6.5 (no individual band less than 6.0)  
**TOEFL iBT:** 84 (with no score below 17)  
**Pearson Test of English (PTE):** 58 with no score less than 50 | • Bachelor of Education (Early Childhood Studies)  
• Bachelor of Education (Primary)  
• Bachelor of Education (Secondary)  
• Bachelor of Science (Nursing)  
• Bachelor of Science (Nursing) / Bachelor of Science (Midwifery)  
• Bachelor of Science (Occupational Therapy)  
• Bachelor of Speech Pathology |
## Country Specific Admission Requirements (A–K)

<table>
<thead>
<tr>
<th>Country &amp; Qualifications</th>
<th>Standard Entry</th>
<th>Higher Entry</th>
<th>English</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bangladesh</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Successful completion of Higher Secondary Certificate or equivalent¹</td>
<td>4</td>
<td>4.5</td>
<td></td>
</tr>
<tr>
<td>Bhutan</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bhutan Higher Secondary Education Certificate (BHSEC)</td>
<td>Grade average of 60% in four academic subjects (excluding any local languages)</td>
<td>Grade average of 70% in four academic subjects (excluding any local languages)</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General High School Diploma²</td>
<td>Grade average of 60% in the final year of results</td>
<td>Grade average of 75% in the final year of results</td>
<td>Completion of the General High School Diploma except when medium of instruction is in French</td>
</tr>
<tr>
<td>China</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National College Entrance Exam (Gao Kao) or successful completion of one year of tertiary study</td>
<td>A minimum of 65.6% of overall score</td>
<td>A minimum of 70% of overall score</td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Studentereksamen (stx) or Hojere Forberedelseseksamen (hf)</td>
<td>Grade average of 4.9 in the final year</td>
<td>Grade average of 5.5 in the final year</td>
<td>GPA of minimum 6 in English at A (high level) or a GPA of minimum 9 in English at B (intermediate level) when graduating from Upper Secondary School (STX, HF, HHX or HTX)</td>
</tr>
<tr>
<td>France</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Completion of the Baccalauréat General or Baccalauréat Technologique (High School Leaving Certificate)</td>
<td>10</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Successful completion of the Abitur / Zeugnis der Allgemeinen Hochschulreife or Reifezeugnis (Secondary School Leaving Certificate)</td>
<td>Overall grade of 4</td>
<td>Overall grade of 3.5</td>
<td>Abitur 3 overall grade or better with an English average grade of 8 points or better</td>
</tr>
</tbody>
</table>

¹ Completion of a Bangladeshi HSC certificate with GPA out of 5 point scale OR completion of the first year of a 4-year Bachelor degree at a recognised university OR a completed 2-3 year Bachelor degree Note: GPA converted to a 5 point scale where 1.00 = Pass if otherwise reported: A+/80–100 = 5.0; A/70–79 = 4.0; A-/60–69 = 3.5; B/50–59 = 3.0; C/40–49 = 2.0; D/33–39 = 1.0; F/0–32 = 0.0

² Specific requirements may vary according to province. Ontario: Average of 4 best Ontario Academic Courses.
If your country and/or qualification is not listed here, please visit [international.ecu.edu.au/secondary-school-results](http://international.ecu.edu.au/secondary-school-results) for a more complete list.

<table>
<thead>
<tr>
<th>Country &amp; Qualifications</th>
<th>Standard Entry</th>
<th>Higher Entry</th>
<th>English</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ghana</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>West African General Certificate of Education (A Level)* / Higher School Certificate (HSC)</td>
<td>5</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Hong Kong</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hong Kong Diploma of Secondary Education (HKDSE)</td>
<td>15</td>
<td>17</td>
<td>3 for English, with no score below 3</td>
</tr>
<tr>
<td>India</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Higher Secondary Certificate or equivalent</td>
<td>65%</td>
<td>78%</td>
<td></td>
</tr>
<tr>
<td>Indonesia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High School Certificate of Graduation (Surat Keterangan Hasil Ujian Nasional – SKHUN, previously Surat Tanda Kelulusan – STK)</td>
<td>8</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Iran</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High School Diploma and Pre-University Certificate (Peeshdaneshgahe)</td>
<td>Minimum GPA of 12 out of 20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japan</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japanese Upper Secondary School Certificate or Graduation</td>
<td>Average score of 3.6 – average made up of academic subjects including fails (excluding subjects Health and Physical Education, Home Economics, Life and Career, Comprehensive Education) as shown on the final transcripts</td>
<td>Average score of 4.2 – average made up of academic subjects including fails (excluding subjects Health and Physical Education, Home Economics, Life and Career, Comprehensive Education) as shown on the final transcripts</td>
<td></td>
</tr>
<tr>
<td>Kenya</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kenyan Certificate of Secondary Education 7 subjects (excluding Kiswahili) 1st division</td>
<td>B</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>Kuwait</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Secondary School Certificate (Shahadat al-Thanawiya al-A’ama)</td>
<td>Grade average of final year results a minimum of 75%</td>
<td>Grade average of final year results a minimum of 85%</td>
<td></td>
</tr>
</tbody>
</table>

3 A=5, B=4, C=3, D=2, E=1 Calculated from a minimum of 2 and a maximum of 3 A Level subjects.
4 Made up of the best 5 subjects with a minimum of 2 core subjects, all at level 3 or above, and excluding any category B subjects.
5 Based on comparisons with other Australian institutions.
## COUNTRY SPECIFIC ADMISSION REQUIREMENTS (M–T)

<table>
<thead>
<tr>
<th>Country &amp; Qualifications</th>
<th>Standard Entry</th>
<th>Higher Entry</th>
<th>English</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Malaysia</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STPM</td>
<td>A minimum of 5 points obtained from at least 2 but no more than 3 STPM subjects.⁶</td>
<td>C for English in SPM or STPM General Paper (Full Pass)</td>
<td></td>
</tr>
<tr>
<td>UEC</td>
<td>Completion of UEC with a minimum average of B4 from the best 5 academic subjects</td>
<td>Completion of UEC with a minimum average of B3 from the best 5 academic subjects</td>
<td></td>
</tr>
<tr>
<td><strong>Nepal</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Higher Secondary School Certificate from the Higher Education Board or equivalent</td>
<td>65%</td>
<td>78%</td>
<td></td>
</tr>
<tr>
<td><strong>Norway</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Certificate of Upper Secondary Education – (Vitnemal)</td>
<td>3</td>
<td>4</td>
<td>Upper Secondary Education Vitnemal English – Grade 4</td>
</tr>
<tr>
<td><strong>Oman</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Successful completion of one year of tertiary study or a recognised completed Diploma at a recognised tertiary or higher education institution</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pakistan</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Higher Secondary School Certificate/Intermediate Certificate</td>
<td>65%</td>
<td>78%</td>
<td></td>
</tr>
<tr>
<td><strong>Philippines</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Successful completion of one year of tertiary study or a recognised completed Diploma at a recognised tertiary or higher education institution</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Qatar</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Successful completion of one year of tertiary study or a recognised completed Diploma at a recognised tertiary or higher education institution</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

⁶ A=5, A-=4, B+=4, B=3, B-=2, C+=2, C=1
<table>
<thead>
<tr>
<th>Country &amp; Qualifications</th>
<th>Standard Entry</th>
<th>Higher Entry</th>
<th>English</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Russia</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attestat o Srednem (polnom) Obshchem Obrazovani (Certificate of Secondary (Complete) General Education)</td>
<td>Grade average of 3.8 in the final year results</td>
<td>Grade average of 4.0 in the final year results</td>
<td></td>
</tr>
<tr>
<td><strong>Saudi Arabia</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Successful completion of one year of tertiary study or a recognised completed Diploma at a recognised tertiary or higher education institution</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Singapore</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Singapore Cambridge GCE A Level⁷</td>
<td>5</td>
<td>8</td>
<td>C 6 for English in O Levels</td>
</tr>
<tr>
<td><strong>South/Latin America</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Successful completion of one year of tertiary study or a recognised completed Diploma at a recognised tertiary or higher education institution</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>South Africa</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>South African National Senior Certificate (NSC) confirming minimum requirements for admission to a Bachelors degree⁸</td>
<td>Completion of the NSC with an average of 60% in the best six subjects in final year</td>
<td>Completion of the NSC with an average of 70% in the best six subjects in final year</td>
<td>C or 60 or 5 for English</td>
</tr>
<tr>
<td><strong>Sri Lanka</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sri Lankan A Levels⁹</td>
<td>5</td>
<td>8</td>
<td>C for English in O Levels</td>
</tr>
<tr>
<td><strong>Sweden</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fullstandigt Slutbetyg från Gymnasieskola; Slutbetyg från Gymnasieskola; Slutbetyg från Komvux (Upper Secondary School Leaving Certificate for Adult Learners)¹⁰</td>
<td>Minimum overall average of 12 for all subjects</td>
<td>Minimum overall average of 15 for all subjects</td>
<td>Minimum of C in English 6</td>
</tr>
<tr>
<td><strong>Thailand</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Certificate of Secondary Education (Mathayom 6)¹¹</td>
<td>2.5</td>
<td>2.8</td>
<td></td>
</tr>
</tbody>
</table>

---

7 A=5, B=4, C=3, D=2, E=1 Calculated from a minimum of 2 and a maximum of 3 H2 Level subjects.
8 Excluding the subject Life Orientation
9 A=5, B=4, C=3, D=2, E=1 Calculated from a minimum of 2 and a maximum of 3 A Level subjects.
10 A=20, B=17.5, C=15, D=12.5, E=10, F=0, G=10, VG=15, MVG=20
11 GPA on 4-point scale

If your country and/or qualification is not listed here, please visit [international.ecu.edu.au/secondary-school-results](http://international.ecu.edu.au/secondary-school-results) for a more complete list.
# COUNTRY SPECIFIC ADMISSION REQUIREMENTS (U-V)

<table>
<thead>
<tr>
<th>Country &amp; Qualifications</th>
<th>Standard Entry</th>
<th>Higher Entry</th>
<th>English</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>United Arab Emirates</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Successful completion of one year of tertiary study or a recognised completed Diploma at a recognised tertiary or higher education institution</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>USA</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High School Graduate Diploma plus SAT</td>
<td>A minimum total score of 1090 (out of 1600); with a minimum score of 510 in Evidence-Based Reading and Writing; and a minimum score of 500 in Math.</td>
<td>A minimum total score of 1330 (out of 1600); with a minimum score of 510 in Evidence-Based Reading and Writing; and a minimum score of 500 in Math.</td>
<td></td>
</tr>
<tr>
<td>High School Diploma plus ACT</td>
<td>Overall score of 24 with no individual score below 20</td>
<td>Overall score of 29 with no individual score below 20</td>
<td>Meets English</td>
</tr>
<tr>
<td><strong>Vietnam</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gifted schools – Completion of Upper Secondary Education Year 3 (Diploma of Upper Secondary Education – Bang tot Nghiep Pho thong Trung hoc) from a designated school*</td>
<td>Gifted schools – With an overall grade of 7.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other schools – Completion of Upper Secondary Education Year 3 (Diploma of Upper Secondary Education – Bang tot Nghiep Pho thong Trung hoc)</td>
<td>Other schools – With an overall grade of 7.75</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If your country and/or qualification is not listed here, please visit international.ecu.edu.au/secondary-school-results for a more complete list.

---

12 Courses with an indicative ATAR greater than 80 are assessed on a case-by-case basis.

* Or successful completion of one year of tertiary study or recognised completed Diploma at a recognised tertiary or higher education institution.
STUDY ABROAD SEMESTER(S) AT ECU

Study Abroad is a great way to experience student life in Perth, expanding your inter-cultural knowledge, while exploring a unique part of Australia.

Students can choose to study for one or two semesters, selecting from a great range of units. To find out more about how to select the best units to match student interest, visit the website below.

HOW TO APPLY
Whether students are currently at university, or simply looking for a Study Abroad experience, ECU welcomes them in our Study Abroad Program. The course codes required for applications are:

• X01: Study Abroad Program (Undergraduate)
• X02: Study Abroad Program (Postgraduate)

STUDY ABROAD FEES
The cost of Study Abroad depends on the number of credit points studied:

• 45 credit points: AUD $5,025
• 60 credit points: AUD $6,700

Visit our website for details about how to apply: www.ecu.edu.au/future-students/course-entry/study-abroad
## A to Z - Undergraduate Courses & Majors

### Undergraduate Courses

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<th>Page</th>
</tr>
</thead>
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<tr>
<td>Accounting and Finance</td>
<td>67</td>
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<td>Acting</td>
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<tr>
<td>Addiction Studies</td>
<td>45, 116, 130, 172, 177</td>
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<tr>
<td>Advertising</td>
<td>38, 42</td>
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<tr>
<td>Aeronautical</td>
<td>118</td>
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<td>Applied Chemistry</td>
<td>39, 116, 135, 172, 177</td>
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<td>Arts</td>
<td>36</td>
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<td>Arts Management</td>
<td>216</td>
</tr>
<tr>
<td>Arts / Commerce</td>
<td>38</td>
</tr>
<tr>
<td>Arts / Media and Communication</td>
<td>38</td>
</tr>
<tr>
<td>Arts / Science</td>
<td>39</td>
</tr>
<tr>
<td>Aviation</td>
<td>98, 116, 166, 172</td>
</tr>
<tr>
<td>Biological Science Education</td>
<td>194</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>39, 116, 166, 173, 177, 178</td>
</tr>
<tr>
<td>Biomedical Science</td>
<td>134</td>
</tr>
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<td>Broadcasting and Digital Journalism</td>
<td>38, 42</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>99, 115, 116, 120</td>
</tr>
<tr>
<td>Children and Family Studies</td>
<td>53</td>
</tr>
<tr>
<td>Civil and Environmental Engineering</td>
<td>101</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>100, 115, 116, 120</td>
</tr>
<tr>
<td>Classical Performance: Instrumental</td>
<td>218</td>
</tr>
<tr>
<td>Classical Performance: Vocal</td>
<td>218</td>
</tr>
<tr>
<td>Commerce</td>
<td>66</td>
</tr>
<tr>
<td>Commerce / Psychology</td>
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OUR STUDY AREAS

AT ECU, WE GROUP SIMILAR FIELDS OF WORK INTO EIGHT DIVERSE STUDY AREAS THAT ALIGN WITH OUR TEACHING SCHOOLS. ALL OF OUR COURSES ARE INDUSTRY-RELEVANT AND INTERNATIONALY-RECOGNISED AND MOST ARE PROFESSIONALLY-ACCREDITED.

ARTS & HUMANITIES
We offer programs in the arts, design, media and communications, psychology, criminology, and the social sciences. Our flexible course structures allow students to access electives in many disciplines to encourage multi-skilling, and improve employment prospects.

BUSINESS & LAW
Business and Law at ECU offers an exciting mix of courses that combine the latest theory with practical experience, leading to a diverse choice of careers. Students can expect a practical experience and to learn essential employability skills to help them succeed in a variety of dynamic global business environments.

ENGINEERING & TECHNOLOGY
Our Engineering courses are accredited by Engineers Australia and recognised under the Washington Accord, enabling students to work as professional engineers or technologists anywhere in the world. Courses cover a wide range of engineering disciplines.

MEDICAL & HEALTH SCIENCES
Medical and Health Sciences contains exciting and diverse areas of study and some of ECU’s world-leading research teams. Courses include biomedical science, health science, exercise and sports science, rehabilitation, medical science, occupational therapy, paramedical science, speech pathology, and sports science and football.

NURSING
Nursing at ECU provides students with access to state-of-the-art health and wellness facilities, including demonstration and clinical practice wards, health simulations that encourage scenario-based learning, and practical placements with a range of health providers. Nurses who hold a diploma level qualification in their home country can further their nursing career with an international qualification at ECU.

SCIENCE
ECU offers a range of courses in the areas of science and computing and security. ECU's research and teaching are world-class, with practical degrees that can lead to a variety of careers in fields such as marine and freshwater biology, conservation and wildlife biology, environmental management, physics, chemistry, mathematics, cyber security and data science.

TEACHER EDUCATION
ECU has been at the forefront of teacher education for over 100 years and has a strong reputation for the quality of its graduates. The experienced academic team are world leaders in tertiary teaching in the area of teacher education and strive to find better ways to prepare quality teachers.

WESTERN AUSTRALIAN ACADEMY OF PERFORMING ARTS
The Western Australian Academy of Performing Arts (WAAPA) at ECU is one of the world’s leading performing arts academies. WAAPA is recognised nationally and internationally for the high quality of its graduates. It provides the most extensive range of performing arts training in Australia – both on stage and behind the scenes.
ARTS & HUMANITIES

Explore the complexities of the human mind, immerse yourself in a creative and engaging environment and make a contribution to improving people’s quality of life.

ECU’s School of Arts and Humanities offers a broad range of specialist and interdisciplinary courses in the arts, design, media and communication, psychology, criminology and the social sciences. Our flexible course structures allow open access to electives in all areas of the School to encourage multi-skilling, improve employment prospects and to promote a broader understanding of how the arts and humanities play a central role in the social and cultural fabric of our society.

CAREERS:

- 2D & 3D Animator
- Artist
- Author
- Child Protection Worker
- Children Services Coordinator
- Cinematographer
- Clinical Psychologist
- Community Adviser
- Counsellor
- Digital Media Manager
- Director
- Fashion Designer
- Film Critic
- Film Director
- Gallery Curator
- Government Policy Adviser
- Graphic Designer
- Interior Designer
- Journalist
- Photographer
- Producer
- Public Relations Consultant
- Scene-of-Crime Technician
- Scriptwriter
- Sound Mixer
- Therapist
- Web Designer
- Youth Justice Officer
- Youth Welfare Worker
I’ve always been passionate about helping society which is why I chose to study Social Science at ECU. This was the best decision I’ve made.

The lecturers are friendly, understanding and helpful. I had no idea that the course would be so practical in regards to coming up with solutions to problems that might be encountered by the community. I undertook a work placement, which was amazing as I was involved with offenders who were working in the community. The course enabled me to interact with people at a different level, and develop my skills on how to handle future challenges.

I was gratified by the number of things I’ve been able to accomplish, including winning the Champions award by the VC and serving as the Athletic Captain and Vice President – Social Activity at the ECU Guild.

I believe ECU has been the cornerstone to my success as I am now a confident adult who is able to face challenges as they come.

ALFRED KOECH
Social Science student
Kenya
ARTS & HUMANITIES
UNDERGRADUATE

BACHELOR OF ARTS

Duration: 3 Years
Availability: Mount Lawley
Intake: February & July
CRICOS Code: 0100518
Annual Indicative Fees: $29,950
See more course information: ecu.edu.au/courses/W33

Enables students to pursue their passion and career goals simultaneously with a choice of focused majors. Students will engage in depth inquiry and creative responses to make a positive impact in society. There is an opportunity to explore cross-disciplinary studies to enhance skills and interests, in areas that cover historical, critical, political, theoretical and creative practices which underpin our global cultures and industries. This multi-skilled approach is essential in contextualising and applying knowledge and experience in a range of career possibilities. Arts graduates are highly employable because they have strong critical and analytical skills and are adaptable in the workplace. Arts graduates can also think critically and apply creative thinking to a wide range of scenarios and employment opportunities.

Majors:
• Creative and Professional Writing • English • Historical and Political Studies • Visual Arts

Clinical or Professional Work Placement Option
In the core unit Industry and Community (SAH3200), students will produce work in the form of presentation, performance, exhibition, strategic report or research project that will be driven and assessed by a community and/or industry representative. Projects can also be carried out in teams and be based on an industry/community problem. The unit requires students to engage in authentic project management process as they develop their project, analysing needs and appropriate methods, developing design and implementation plans and critically evaluating results, establishing clear metrics and responding to criteria. Also, individual members embed capstone units and students are able to undertake the unit CCA3104 Professional Placement as an elective, which allows students to gain credit for undertaking a workplace internship.

Employment Opportunities
This degree provides students with lifelong transferable skills, equipping them for employment in a wide range of professional industries.

Careers

Course Structure
Students are required to complete 24 units:
• 8 Core Units
• 8 Major Units
• 8 Major / Minor / Elective Units

Core Units
SAH1100 Communicating Ideas
SAH1150 Creativity
SAH1200 Media and Culture
SAH1250 Storytelling and Meaning
SAH2110 Identity
SAH2200 Audience Perception and Experience
SAH3100 Personal and Professional Planning
SAH3200 Industry and Community

MAJORS

Creative and Professional Writing
Availability: Mount Lawley
Students with a passion for writing will be offered the opportunity to nurture a capacity for creativity and effective communication. They will develop writing skills in a range of genres, including autobiography and biography, poetry, drama, fiction, and creative non-fiction, while also gaining an understanding of important legal, ethical and practical elements of editing and publishing.

Careers
Writer, Editor, Scriptwriter, Journalist, Publisher, Poet, Novelist, Playwright, Reviewer, Commentator.

Major Structure
WRT1101 Language and Writing
WRT1103 Creativity and Writing
WRT2110 Introduction to Editing
WRT2106 Writing Therapy

Select two units from the following list:
WRT3130 Writing Prose
WRT3120 Biographical and Autobiographical Writing
WRT3215 Authorship and Publication

Select two units from the following list:
WRT3107 Writing Poetry
WRT3105 Writing Drama
WRT3140 Professional Writing
English
Availability: Mount Lawley
English prepares students to enter the world of work as a rigorous reader, a compelling writer, an effective speaker, and an engaged, respectful world citizen – all skills employers seek.

Through the breadth and depth of their reading and writing, students develop a high level of transferable English language skills, along with a thorough understanding of human nature.

Careers
Author, Biographer, Government Adviser, Journalist, Overseas Aid Worker, Politician, Press Secretary, Public Servant, Publicist.

Major Structure
ENG1140 Discovering Literature
ENG1060 English Grammar for Professionals
ENG2118 English Language and Theory
ENG2120 Popular Texts for Young People
ENG3165 Australian Fiction
ENG3140 From Fiction to Film
ENG3160 Graphic Novels

Select one unit from the following list:
ENG3050 Poetry and Passion
ENG3185 Comedy and Tragedy in Drama
ENG3190 Social Justice and Children’s Literature

Historical and Political Studies
Availability: Mount Lawley
History and Politics address some of the most important and contentious issues facing humanity. In this major, students will examine the ideas, structures and processes that drive society at both the national and international level. One of the primary focuses of this course is the historical and political processes and patterns that have structured the relationship between individuals and communities. Emphasis is placed on assisting students to understand the nature of contemporary political challenges and the role of leadership, the media, corporate interests, public opinion and grassroots political movements in framing and addressing these challenges. In addition there is a focus on the role understanding our history can play in informing solutions to these issues.

While the focus is global, thematic and interdisciplinary, specialist units are offered in Australian, European and Chinese politics. The major offers students the opportunity to build links between pressing contemporary issues that are impacting on global politics and international relations whilst contextualising them through a historical lens that situates the discipline as a rigorous and evidence-based approach among the multiple narratives to help frame our understanding of politics and history.

Careers
Research/Policy Officer, Journalist, State/Federal Member of Parliament Employee, Diplomatic Servant, Historian, Researcher, Politician, Public Servant, Policy Analyst.

Historical and Political Studies
Availability: Mount Lawley
History and Politics address some of the most important and contentious issues facing humanity. In this major, students will examine the ideas, structures and processes that drive society at both the national and international level. One of the primary focuses of this course is the historical and political processes and patterns that have structured the relationship between individuals and communities. Emphasis is placed on assisting students to understand the nature of contemporary political challenges and the role of leadership, the media, corporate interests, public opinion and grassroots political movements in framing and addressing these challenges. In addition there is a focus on the role understanding our history can play in informing solutions to these issues.

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Careers
Research/Policy Officer, Journalist, State/Federal Member of Parliament Employee, Diplomatic Servant, Historian, Researcher, Politician, Public Servant, Policy Analyst.

Major Structure
HIS1107 Australian History: Colonisation, Nationalism and Identity
POL1106 Ideas that have Shaped the Modern World
POL2105 Australian Government: The Challenges of a Modern Democracy
HIS2105 War and Peace
HIS3107 Currents of Modernity: Challenges and Transitions in Europe and America
POL3111 Political Violence: From the French Revolution to Modern Terrorism
HIS3180 Modern China: The Rise of a Superpower

Visual Arts
Availability: Mount Lawley
This is a practice-based visual arts major offering focused investigation across a range of two and three-dimensional studios including drawing, painting, printmaking and installation art. Through critical theory and potential cross-experimentation with existing studios such as glass, design, fashion, writing, film and video, animation, and photography, students are immersed within visual culture to develop hybrid and traditional approaches to their creative praxis.

Visual Arts is complemented by a rigorous conceptual focus to enable the student to develop their professional studio practice through a contemporary and historic lens. Students develop the confidence to exhibit publicly and to identify career opportunities in teaching, curating, independent studio practice, and with private and public arts agencies and institutions. The major culminates in a significant public exhibition, which further enhances the emphasis placed on professional practice.

Careers
Curator, Artist, Arts Writer, Exhibition/Installation Team Member, Multidisciplinary Artist/Designer.

Major Structure
VIS1315 Foundation Studio
VIS1323 Drawing Studio
VIS2140 Printmaking Studio 1: Intaglio and Relief
VIS2120 Painting Studio 1
VIS3140 Printmaking Studio 2: Photographic Processes
VIS3151 Contemporary Studio 1: Investigation and Development
VIS3120 Painting Studio 2
VIS3152 Contemporary Studio 2: Installation Art
**BACHELOR OF ARTS / BACHELOR OF COMMERCE**

**Duration:** 4 Years  
**Availability:** Joondalup & Mount Lawley  
Students attend the Mount Lawley Campus for the Arts component and the Joondalup Campus for the Commerce component.  
**Intake:** February & July  
**CRICOS Code:** 0100539  
**Annual Indicative Fees:** $30,850  
See more course information: [ecu.edu.au/courses/W57](http://ecu.edu.au/courses/W57)

This double degree is designed to enable students to develop critical thinking, creativity, initiative and business acumen to succeed in today’s rapidly changing society. It will broaden students’ understanding of themselves, their community and the larger world as well as provide them with a foundation in the disciplines which constitute business studies, together with the opportunity for in-depth study and valuable industry experience.

**Arts Majors**  
- Creative and Professional Writing  
- English  
- Historical and Political Studies  
- Visual Arts

**Commerce Majors**  
- Accounting  
- Event Management  
- Finance  
- Hotel Management  
- Human Resource Management  
- International Business  
- Law in Business  
- Management  
- Marketing  
- Project Management  
- Sport Business  
- Tourism and Hospitality Management

**Work Experience Option**  
The ECU Business Placement program provides students with a unique opportunity to gain valuable real-world experience in a public, private or not-for-profit organisation. This enables students to gain relevant work experience, allowing them to develop professional networks, practice applying theory learned during their degree, develop skills and capabilities required to succeed in their chosen profession, and gain a better understanding of the nature of employment and professional conduct in their chosen industry.

**Careers**  

**Course Structure**  
Students are required to complete 32 units:  
- 16 Arts Units  
  - 8 Core Units  
  - 8 Major Units  
- 16 Commerce Units  
  - 7 Core Units  
  - 8 Major Units  
  - 1 Elective Unit

Students who wish to take the Accounting major (11-unit major) in this double degree will need to consult the Student Hub to ensure the additional units required for accreditation fit within the course.  
Visit [ecu.edu.au/courses/W57](http://ecu.edu.au/courses/W57) for more details.

**BACHELOR OF ARTS / BACHELOR OF MEDIA AND COMMUNICATION**

**Duration:** 4 Years  
**Availability:** Mount Lawley  
**Intake:** February & July  
**CRICOS Code:** 0100540  
**Annual Indicative Fees:** $29,950  
See more course information: [ecu.edu.au/courses/W62](http://ecu.edu.au/courses/W62)

This double degree enables students to succeed in today’s rapidly changing society in both critical and productive fields. Students gain knowledge in disciplines such as Historical and Political Studies and Broadcasting and Digital Journalism, or Visual Arts and Screen Production, or Creative and Professional Writing and Public Relations. There are numerous combinations of majors the students can choose from. Engaging in both Arts and Media and Communication broadens students’ understanding of themselves, their community and the larger world, as well as providing them with the theoretical and practical dimensions of communication. It is an engaging program leading to a double degree which is internationally recognised in the global marketplace.

**Arts Majors**  
- Creative and Professional Writing  
- English  
- Historical and Political Studies  
- Visual Arts

**Media and Communication Majors**  
- Advertising  
- Broadcasting and Digital Journalism  
- Media and Cultural Studies  
- Photomedia  
- Public Relations  
- Screen Production
Clinical or Professional Work Placement Requirement
In the core unit Industry and Community (SAH3200), students will produce work in the form of presentation, performance, exhibition, strategic report or research project that will be driven and assessed by a community and/or industry representative. Projects can also be carried out in teams and be based on an industry/community problem. The unit requires students to engage in authentic project management process as they develop their project, analysing needs and appropriate methods, developing design and implementation plans and critically evaluating results, establishing clear metrics and responding to criteria. Also, individual majors embed at least one capstone unit such as in the Broadcasting and Digital journalism major where the final third year unit is a capstone project.

Careers
Diplomat, Editor, Writer, Advertising Executive, Broadcaster, Journalist, Community Service Professional, Media Commentator, Communications Officer.

Course Structure
Students are required to complete 32 units:
• 8 Core Units
• 8 Arts Major Units
• 8 Media and Communication Major Units
• 8 Major / Minor / Elective Units

Visit ecu.edu.au/courses/W62 for more details.

BACHELOR OF ARTS / BACHELOR OF SCIENCE
Duration: 4 Years
Availability: Joondalup & Mount Lawley
Students will be required to attend classes on both campuses to complete the course.
Intake: February & July
CRICOS Code: 0100541
Annual Indicative Fees: $30,500
See more course information: ecu.edu.au/courses/W58

This double degree is designed to enable students to develop their scientific curiosity and analysis with cultural understanding and creativity. It provides a global outlook on scientific knowledge and it will broaden students’ understanding of themselves, their community and the larger world, to make a wider contribution to society. It is a challenging educational program, engaging in powerful communication and scientific inquiry, leading to a degree which is internationally recognised in the global marketplace.

Arts Majors
• Creative and Professional Writing • English • Historical and Political Studies • Visual Arts

Science Majors
• Applied Chemistry • Biological Sciences • Computer Science • Data Science • Environmental Management • Human Biology • Marine and Freshwater Science • Mathematics • Nutrition • Physics • Sports Science

Admission Requirements
One or more of the majors in this course has admission requirements. Refer to the major for more information.

Careers
Social Researcher, Author, Community Arts Leader, Community Service Professional, Interpreter, Overseas Aid Worker, Public Servant, Tour Officer, Heritage Officer.

Course Structure
Students are required to complete 32 units:
• 16 Arts Units
  – 8 Core Units
  – 8 Major Units
• 16 Science Units
  – 4 Core Units
  – 8 Major Units
  – 4 Elective Units

Visit ecu.edu.au/courses/W58 for more details.

BACHELOR OF DESIGN
Duration: 3 Years
Availability: Mount Lawley
Intake: February & July
CRICOS Code: 0100519
Annual Indicative Fees: $29,950
See more course information: ecu.edu.au/courses/W64

In this course, students can specialise in one of three areas: Fashion, Visual and Spatial Design, and Games and Interactive Design. In Fashion, students work fundamentally with garment as a site of expression and signifier of self that can carry narratives and reference histories; Visual and Spatial Design involves making visual and spatial products, services and environments through graphic and spatial design thinking to improve communities; while in Games and Interactive Design, students get the opportunity to create original digital interactive products and services that impact on audiences and address user experiences (UX).

Students will explore the impact design has on history and on the future development of local, national and global communities. The course will provide opportunities for students to collaborate locally and internationally. The design majors, run by experienced graphic, spatial, digital, fashion and service design professionals and researchers at the forefront of design in Western Australia, encourage the sustainable use of materials, images and ideas as vehicles for exploration in relation to environments and individual people in real world and online contexts.

Students develop transferable visual and spatial problem identification, ideation, and prototyping skills to establish their own place in the world, with a personal style, career opportunities and entrepreneurial skills.

Majors
• Fashion • Games and Interactive Design • Visual and Spatial Design
Admission Requirements
One or more of the majors in this course has admission requirements. Refer to the major for more information.

Internship Option
Work Integrated Learning is available to students in the following forms:

- Students in each major of the degree have live briefs to respond to for industry clients
- All students engage with industry and have site visits through the Industry and Community major (SAH3200)
- Selected students are able to complete the Professional Placement unit (CCA3104) and have it count towards their major
- Selected students are able to undertake individual industry projects through the Independent Study unit (CCA3108) and have it count towards their major. There are attendance requirements for this internship.

Careers
Graphic Designer, Spatial Designer, Service Designer, Web Designer, Fashion Designer, Game Designer, Interior Designer, Conceptual Artist, Illustrator.

Course Structure
Students are required to complete 24 units:

- 8 Core Units
- 8 Major Units
- 8 Major / Minor / Elective Units

Core Units
SAH1100 Communicating Ideas
SAH1150 Creativity
SAH1200 Media and Culture
SAH1250 Storytelling and Meaning
SAH2110 Identity
SAH2200 Audience Perception and Experience
SAH3100 Personal and Professional Planning
SAH3200 Industry and Community

MAJORS:

Fashion
Availability: Mount Lawley
Applies creative design methodologies to investigate possibilities for contemporary fashion. Students are introduced to enquiry-based design strategies, traditional and contemporary knowledge, technical skills and practical design outcomes to develop a creative, reflexive and sustainable approach to garment design and construction.

The fashion major engages students in contextual and historical investigations with garment, textiles and the contexts in which they function. It prepares students for a range of creative and contemporary outcomes such as textile design development, pattern making, garment construction and contemporary fashion presentation supported by associated photographic and video work.

Admission Requirements
All applicants are required to attend an interview, and provide a folio.

Careers
Fashion Designer, Costume Designer, Sample Maker, Sample Machinist, Design Consultant, Stylist, Fashion Buyer, Retailer, Fashion Project Manager.

Major Structure
FAS1105 Material Manipulation
FAS1201 Enquiry for Garment
FAS2107 Pattern Construction
FAS2201 Textile Design
FAS2301 Garment Research
FAS2401 Drape and Construction
FAS3104 Fashion Project 1
FAS3206 Fashion Project 2

Games and Interactive Design
Availability: Mount Lawley
Prepares students for the emergent growth industries of entertainment and interactive design afforded by ubiquitous digital technologies. With a focus on game and interactive design, the major provides studies in both traditional multimedia and emerging digital interactive technologies, drawing together theory and knowledge from multiple creative disciplines including Web, visual and interaction design.

Students gain skills and competence in the design, scripting, development and usability of digital media products for information, entertainment and commerce. Students will study the social and cultural impact and the psychological and social principles of digital products of web and other emergent digital products.
Production Experience Requirement

Provides students with the opportunity to work with real-world clients to participate in the development of a creative project located in an industry environment. Projects can be carried out individually or in teams and will be based on a real-life problem. Students have the opportunity to respond to a client brief or negotiate with their lecturer regarding the nature of the project. The unit will require students to engage in authentic project management processes as they develop their project, analysing needs and appropriate methods, developing design and implementation plans and critically evaluating results, establishing clear metrics, templates and standards.

Careers

Game Concept Artist, Game Evaluator, Educational Game Designer, Game Level Designer, Game Researcher, Web Designer, Web Developer, Interface Designer, Interaction Designer.

Major Structure

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDI1100</td>
<td>Experience Design</td>
</tr>
<tr>
<td>GDI2112</td>
<td>Game Studies</td>
</tr>
<tr>
<td>GDI2100</td>
<td>Web Design</td>
</tr>
<tr>
<td>GDI2202</td>
<td>3D Visualisation</td>
</tr>
<tr>
<td>GDI3100</td>
<td>Interactive Media</td>
</tr>
<tr>
<td>GDI3300</td>
<td>Advanced Game Design</td>
</tr>
<tr>
<td>GDI3202</td>
<td>Game Development</td>
</tr>
<tr>
<td>GDI3312</td>
<td>Advanced Web Design</td>
</tr>
</tbody>
</table>

Visual and Spatial Design

Availability: Mount Lawley

The economic basis of the design industry has changed from manufacturing to the provision of services and strategies. In this major, design is seen as part of a whole system, with a focus on sustainable design practices that consider environmental, social, cultural and economic needs. This major prepares students for a rapidly changing industry that encompasses the converging fields of graphic design, spatial design, service design, strategic design, and social design. Through an emphasis on live briefs for real clients, students develop an informed, critical, creative approach to crafting visual communications, environments, services, through to challenging and improving current applications of design. Students will understand the impact design has on the development of local and global communities. Students learn and develop skills that suit them for work in both the professional design industry and within organisations that employ design thinking.

Clinical or Professional Work Placement Option

Students can enroll in Professional Placement (CCA3104) as an elective.

Careers

Retail Spatial Designer, Interior Designer, Display and Event Designer, Graphic Designer, Information Designer, Service Designer, Data Visualiser, Social Designer, Human-Centred Designer.

BACHELOR OF MEDIA AND COMMUNICATION

Duration: 3 Years
Availability: Mount Lawley
Intake: February & July
CRICOS Code: 0100520
Annual Indicative Fees: $29950
See more course information: ecu.edu.au/courses/W63

Prepares students for employment in a range of professions that cater to the changing needs of our media-saturated society. Superior skills in communication practice and innovative creative outputs are developed in the majors on offer to allow specialisation in a particular media area. Students acquire knowledge about the cultural impact of the media and gain critical insights into our local and globalised world to make a meaningful contribution to society. Students learn key disciplinary and employment skills such as effective communications, team work and problem solving skills.

Majors

- Advertising
- Broadcasting and Digital Journalism
- Media and Cultural Studies
- Photomedia
- Public Relations
- Screen Production

Clinical or Professional Work Placement Option

In the core unit Industry and Community (SAH3200) students will produce work in the form of presentation, performance, exhibition, strategic report or research project that will be driven and assessed by a community and/or industry representative. Projects can also be carried out in teams and be based on an industry/community problem. The unit requires students to engage in authentic project management processes as they develop their project, analysing needs and appropriate methods, developing design and implementation plans and critically evaluating results, establishing clear metrics and responding to criteria. Also, individual majors embed at least one capstone unit such as in the Broadcasting and Digital Journalism major where the final third year unit is a capstone project.

Careers

Broadcaster, Journalist, Writer, Public Relations Consultant, Communications Officer, Film Maker, Script Writer, Social Media Analyst, Content Creator.
Course Structure
Students are required to complete 24 units:
- 8 Core Units
- 8 Major Units
- 8 Major / Minor / Elective Units

Core Units
- SAH1100 Communicating Ideas
- SAH1150 Creativity
- SAH1200 Media and Culture
- SAH1250 Storytelling and Meaning
- SAH2110 Identity
- SAH2200 Audience Perception and Experience
- SAH3100 Personal and Professional Planning
- SAH3200 Industry and Community

MAJORS

Advertising
Availability: Mount Lawley
Advertising is a discipline which combines art, science, business and communication strategy with potential career paths far wider than simply in an advertising agency. This major includes elements of production, marketing, public relations, visual arts, communications research and interactive multimedia, to develop and showcase the strengths of individual students and addresses advertising as a communication specialism, rather than as a sub-section of a marketing plan.

Study Tour Option
Offers a unique annual international Study Tour where students visit a selection of industry workplaces including advertising agencies, publishers, media shops and clients.

Professional Recognition
International Advertising Association (IAA) have accredited this unit set.

Careers
Advertising Manager, Media Planner, Account Planner, Marketing Officer, Copywriter, Market Researcher, Advertising Executive, Media Analyst, Media Researcher, Art Director.

Major Structure
- ADV1116 Foundations of Advertising
- ADV1125 Advertising Research
- ADV2107 Strategic Branding
- ADV2220 Advertising Management
- ADV3122 Creative Strategy: Process and Execution
- ADV3426 Channel Planning
- ADV3112 International Advertising
- ADV3125 Advertising Practice

Broadcasting and Digital Journalism
Availability: Mount Lawley
This is a major for storytellers with a mission to inform, educate and entertain audiences. It provides both knowledge and practical skills for broadcasting and digital journalism, particularly broadcast and online. Students explore the rapidly changing world of the professional journalist, and learn how to navigate the complexities of media law and ethics. Students work in state-of-the-art radio and TV studios, explore smart phone journalism, develop online content, record interviews and prepare news reports and packages for radio and television. In an age of fake news, there is a strong emphasis on factual and evidence–based journalism.

Also focuses on building knowledge, developing research and analytical skills and acquiring practical skills for an ever-changing media landscape. There is focus on student employability, and what employers want such as effective writers and speakers, team players and problem solvers. These abilities are transferable across a wide range of media and communication jobs.

Careers
Journalist, Broadcaster, Radio Reporter, Producer, Television Presenter, Digital Editor, Political Media Staff, Film/Food/Music Reviewer, Digital Content Producer.

Major Structure
- BDJ1000 Introduction to Broadcasting and Digital Journalism
- BDJ1100 Media Law and Ethics
- BDJ2100 Audio Storytelling
- BDJ2200 New Media and Social Influence
- BDJ3100 Convergent Digital Newsroom
- BDJ3350 Visual Storytelling
- BDJ3150 Investigative Journalism
- BDJ3250 Broadcasting and Digital Journalism Project

Media and Cultural Studies
Availability: Mount Lawley
Prepares students for future success in traversing our media–driven environment. Studying this major equips students with the ability to ask meaningful questions about issues such as the power and influence of traditional media, the complexities and contradictions of social media and the ubiquity of popular culture. Particularly the focus is on these forces that affect everyday life.

It introduces students to a significant range of contemporary theoretical ideas as well as critical approaches used to analyse popular culture, media texts, media technologies, media institutions and their place in the world today. By studying any of the topics covered in the major, students develop a set of critical thinking and analytical skills along with an ability to work independently and communicate effectively.
Undergraduate

Careers
Communications Officer, Film Critic, Producer, Public Relations Consultant, Public Relations Manager, Researcher, Writer, Social Commentator.

Major Structure

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMM1124</td>
<td>Media and Nation</td>
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<tr>
<td>MST1150</td>
<td>Media in Asia</td>
</tr>
<tr>
<td>CMM2225</td>
<td>Popular Music and Culture</td>
</tr>
<tr>
<td>CMM2115</td>
<td>Cultural Matrix</td>
</tr>
<tr>
<td>MST3161</td>
<td>Media, Identity and Social Justice</td>
</tr>
<tr>
<td>CMM3140</td>
<td>Digital Media Activism</td>
</tr>
<tr>
<td>CMM3170</td>
<td>Sex, Travel and Global Media</td>
</tr>
<tr>
<td>CMM3115</td>
<td>Global Communications</td>
</tr>
</tbody>
</table>

Photomedia

Availability: Mount Lawley

Encourages critical and creative thinking in the application of image production pertinent to contemporary photographic practice. Students investigate historical and analytical perspectives in photography and explore original visual strategies and aesthetic values to communicate their ideas.

Studying photographic language, technologies and techniques prepares students for a diverse range of current practices employing photomedia including contemporary art, advertising, fashion, illustration, editorial, photojournalism and videography. Knowledge acquired in seminars, workshops and assignment production and exhibition is suited to a variety of contexts and applications empowering students to create work related to their own personal and professional aspirations.

Careers
Photographer, Photojournalist, Photo Editor, Commercial Illustrative Photographer, Commercial Industrial Photographer, Photographic Artist.

Major Structure

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHO1125</td>
<td>Camera Work and Lighting</td>
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<tr>
<td>PHO1130</td>
<td>Studio Work</td>
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<tr>
<td>PHO2105</td>
<td>Photo Work</td>
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<tr>
<td>PHO2140</td>
<td>Context and the Choreographed Image</td>
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<tr>
<td>PHO3120</td>
<td>Reconfigured Images</td>
</tr>
<tr>
<td>PHO3316</td>
<td>Landscape: Space and Place</td>
</tr>
</tbody>
</table>

Select two units from the following list:

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHO3301</td>
<td>Photojournalism and Editorial Practice</td>
</tr>
<tr>
<td>PHO3320</td>
<td>International Photojournalism and Documentary Photography</td>
</tr>
<tr>
<td>PHO3125</td>
<td>Photomedia Histories and Narratives</td>
</tr>
</tbody>
</table>

Public Relations

Availability: Mount Lawley

Public relations uses various strategies to build and maintain relationships between organisations and the public. It is the key to effective communication in all sectors of business, government, academic and not-for-profit industries. The PR major provides students with the practical expertise to make an effective contribution at any level. It equips students with critical thinking, creativity and problem-solving skills, and the ability to take the initiative and make decisions.

Through a focus on technology, creativity and the arts as a foundation to sustainable, ethical and innovative business practice, the PR program at ECU is well-placed for a progressive and fast-moving world. We use our unique position in the School of Arts and Humanities to develop programs, research, and opportunities based on experience, mentorship, and a close interaction between students, staff and industry professionals.

Careers
Public Affairs Officer, Public Affairs Manager, Corporate Affairs Officer, Corporate Affairs Manager, Corporate Relations Officer, Corporate Relations Manager, Media Relations Officer, Media Relations Manager, Communications Officer.

Major Structure

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRN1000</td>
<td>Foundations of Public Relations</td>
</tr>
<tr>
<td>PRN1500</td>
<td>Public Relations Event Management</td>
</tr>
<tr>
<td>PRN2123</td>
<td>Public Relations Techniques</td>
</tr>
<tr>
<td>PRN2225</td>
<td>Media Relations</td>
</tr>
<tr>
<td>PRN3150</td>
<td>Public Relations: Fashion, Music and the Arts</td>
</tr>
<tr>
<td>PRN3223</td>
<td>Corporate Communication, Issues and Crises</td>
</tr>
<tr>
<td>PRN3160</td>
<td>Social and Online Media Strategies</td>
</tr>
<tr>
<td>PRN3500</td>
<td>International, Critical and Strategic Public Relations</td>
</tr>
</tbody>
</table>

Screen Production

Availability: Mount Lawley

Students will produce creative and engaging content for the screen in ECUs Screen Production major. Work with WAAPA screen actors, dancers and composers. Learn skills in concept development and scriptwriting, production management and directing, camera and editing while working collaboratively in small groups on diverse projects including drama, factuals, music video and screen installations. Soak up our state-of-the-art TV studio and training facilities. Forge vocational skills and make creative partnerships to last a lifetime.

Students excelling in the Screen Production major have the opportunity to apply for postgraduate studies in the School or entry to the prestigious Master of Screen Studies at the WA Screen Academy.

Careers
Film Director, Film Editor, Film Producer, Film Critic, Television Producer, Cinematographer, Scriptwriter, Media Support Officer, Web Content Producer.
**ARTS & HUMANITIES**

**UNDERGRADUATE**

### Major Structure

- SPO1050 Screen Histories
- SPO1100 Screen Practice 1: Drama
- SPO2050 Scriptwriting
- SPO2200 Screen Practice 2: Factuals and Formats
- SPO2300 Screen Practice 3: Art and Auteurs
- SPO2116 Filmosophy

Select one unit from the following list:

- SPO3400 Screen Practice 4: Production House
- SCR3160 Documentary, Technology and Experience

Select one unit from the following list:

- SPO3205 Screen Evolution
- SCR2116 Australian Screen Studies

### ASSOCIATE DEGREE IN CRIMINOLOGY AND JUSTICE

**Duration:** 2 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 074068A  
**Annual Indicative Fees:** $31,300  

Adopts a contemporary approach to the education of practitioners in the areas of policing and corrections. Students will develop an understanding of the theory and research that informs policing practice and offender management, as well as excellent academic literacy skills, including cultural awareness. The course facilitates students’ practical skills and provides opportunities to apply learning.

### Additional Admission Requirements

Meet the admission requirements of the Western Australian Police or the Department of Corrective Services. Applicants who have previously completed equivalent police or corrections training in another jurisdiction will be considered for entrance.

Admission requirements for WA Police can be found at [www.stepforward.wa.gov.au](http://www.stepforward.wa.gov.au) and the admission requirements for Corrective Services (Community Custodial Officer, Juvenile Custodial Officer or Prison Officer) can be found at [www.correctiveservices.wa.gov.au/careers/opportunities/default.aspx](http://www.correctiveservices.wa.gov.au/careers/opportunities/default.aspx)

### Practicum Requirement

Students are required to complete Police or Corrective Services training as a unit in the last semester of study. Students must apply for this independently, it is not organised by ECU.

### Careers

Police Officer, Community Corrections Officer, Parole Officer, Youth Justice Officer, Research & Policy Officer.

### Course Structure

Students are required to complete 13 units:
- 9 Core Units
- 3 Elective Units
- 1 Practicum Unit

#### Year 1 – Semester 1

- CRI1100 Essential Skills for University Study in Criminology and Law
- CRI1107 The Criminal Justice Process
- CRI1103 Criminology
- Elective 1 x Elective Unit

#### Year 1 – Semester 2

- CRI1104 The Psychology of Criminal Behaviour
- CRI1208 Research Methods I
- Elective 1 x Elective Unit

- CRI2103 Correctional Studies – Theory and Practice
  
  or

- CRI2201 Critical Aspects of Policing

#### Year 2 – Semester 1

- CRI2115 Psychology and Criminal Justice
- CRI2110 Research Methods II
- CRI3120 Aboriginal Australians in the Criminal Justice System
- Elective 1 x Elective Unit

#### Year 2 – Semester 2

- JUS2100 Police Academy Practicum
  
  or

- CRI2700 Corrective Services Practicum
BACHELOR OF CRIMINOLOGY AND JUSTICE

Duration: 3 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 057991G
Annual Indicative Fees: $31,700
See more course information: ecu.edu.au/courses/G81

Recommended for students with an interest in criminology, social justice and the justice system. The course provides a comprehensive understanding of the nature of criminology and justice and the principal disciplines of law, political science, psychology and sociology, which inform criminological and justice-related issues.

It adopts a contemporary, international approach to criminology and justice education in developing well-educated practitioners. Students examine the nature of crime and social control, as well as a broad range of areas in the domain of justice, including policing, courts, law, corrections and alternative dispute resolution.

Majors
• Addiction Studies • Corrections • Family and Child Support • Policing • Professional Youth Work • Security Management

Additional Admission Requirements
One or more of the majors in this course has admission requirements; refer to the major for more information.

Careers
Police Officer, Community Corrections Officer, Parole Officer, Youth Justice Officer, Prison Officer, Research & Policy Officer, Family/Juvenile Counsellor, Family Law Case Worker, Customs Officer, Security Officer.

Course Structure
Students are required to complete 24 units:
• 11 Core Units
• 8 Major Units
• 3 Elective Units
• 2 Capstone or 2 Practicum Units

Year 1 – Semester 1
CRI1100 Essential Skills for University Study in Criminology and Law
CRI1107 The Criminal Justice Process
CRI1103 Criminology
Major 1 x Major Unit

Year 1 – Semester 2
CRI1104 The Psychology of Criminal Behaviour
CRI1208 Research Methods I
Major 1 x Major Unit
Elective 1 x Elective Unit

Year 2 – Semester 1
CRI2115 Psychology and Criminal Justice
CRI2110 Research Methods II
Major 1 x Major Unit
Elective 1 x Elective Unit

Year 2 – Semester 2
CRI2103 Correctional Studies – Theory and Practice
CRI2201 Critical Aspects of Policing
Major 1 x Major Unit
Elective 1 x Elective Unit

Year 3 – Semester 1
CRI3120 Aboriginal Australians in the Criminal Justice System
Major 3 x Major Units

Year 3 – Semester 2
Students undertaking a 12 unit major should enrol in CRI3205, 2 major units and an elective unit in year 3 semester 2.

Students undertaking an 8 unit major should enrol in CRI3205, 1 major unit and either CRI3212, or CRI3110 and CRI3111 in year 3 semester 2 (CRI3110 and CRI3111 are by application only).

CRI3205 Professional Ethics, Accountability and Integrity
Major 1 x Major Unit

CRI3212 Criminology & Justice Capstone Project
or
CRI3110 Workplace Practicum
or
CRI3111 Workplace Practicum

MAJORS

Addiction Studies
Availability: Joondalup

Provides students with an understanding of the use and problems associated with alcohol, tobacco and other psychoactive drugs. Students investigate fundamental concepts about drug use and drug users, psychoactive drug use, the nature of addiction and dependency and behaviour change. Australian and international approaches to drug policy, intervention initiatives, alcohol and other drug counselling skills, and evidence-based approaches to reducing harm are also covered.

Careers
Community Health Officer, Drug Rehabilitation Officer, Youth Worker, Child Health Officer, Health Care Officer, Health Promotion Officer, Health Officer, Drug Policy Worker, Quit Smoking Project Officer.

Major Structure
ADS1151 Addiction Studies: Fundamental Concepts
ADS1252 Addiction Studies: Psychoactive Drugs
ADS2253 Addiction Studies: Processes of Change
ADS2356 Addiction Studies: Intervention Initiatives
ADS3355 Addiction Studies: Social Action
ADS3252 Addiction Studies: Counselling Skills 1
ADS3351 Addiction Studies: Counselling Skills 2
ADS3458 Addiction Studies: Preventive Practice
Corrections
Availability: Joondalup

Provides students with a unique opportunity to gain valuable knowledge in the criminal justice system, with a focus on offender management. The major develops students’ interpersonal and leadership skills, while building a comprehensive understanding of the theories of offender management and motivational change. Students will develop an appreciation for the complex issues surrounding offender management and how they can work within an environment that seeks to reduce recidivism.

The major is relevant to students with an interest in criminology and justice, but also has a wider appeal to social work, psychology, security and other students in the humanities discipline.

Careers
Community Corrections Officer, Youth Justice Officer, Prison Officer, Crime Prevention Officer, Victim Support Officer, Policy Development Officer, Researcher, Community Services Officer, Security Services Officer, Intelligence Officer.

Major Structure

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY1101</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>CSV1103</td>
<td>Interpersonal and Helping Skills</td>
</tr>
<tr>
<td>CRI2101</td>
<td>Professional Skills – Case Management</td>
</tr>
<tr>
<td>MAN3121</td>
<td>Leadership</td>
</tr>
<tr>
<td>CRI2202</td>
<td>Youth Justice</td>
</tr>
<tr>
<td>CRI3105</td>
<td>Community Corrections (Theory and Practice)</td>
</tr>
<tr>
<td>CRI3109</td>
<td>International Human Rights</td>
</tr>
<tr>
<td>CRI3206</td>
<td>Misconduct and Corruption Prevention</td>
</tr>
</tbody>
</table>

Family and Child Support
Availability: Joondalup

Equips students with knowledge and skills of working in leadership positions with children, families and communities in a range of fields. These fields include early education and care, family support, parent education and policy and service development.

The major adopts the frameworks of human rights and social inclusion and includes a practical placement to enable students to apply their theoretical knowledge to practice and to develop professional networks in the field.

The major can be combined with other related fields such as counselling, criminology and justice, psychology and youth work.

Practicum Requirement
This major includes one year-long professional placement that needs to be undertaken in the third year of study.

Clearance and/or Risk Management Protocols Required
All students are required to obtain a Working With Children Check card (or equivalent if resident outside Western Australia, for example, a National Police Clearance) prior to commencement of practicum placement in the final year of study.

Careers
Coordinator of Early Intervention Programs, Family Support Officer/Coordinator, Policy Officer.

Major Structure

Year 1 – Semester 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHN1101</td>
<td>Ecology of Children and Families 1</td>
</tr>
<tr>
<td>CSV1103</td>
<td>Interpersonal and Helping Skills</td>
</tr>
</tbody>
</table>

Students enrolled in the C57 Bachelor of Youth Work should enrol in one of the following units (instead of CSV1103):

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRI2101</td>
<td>Professional Skills – Case Management</td>
</tr>
<tr>
<td>CRI2202</td>
<td>Youth Justice</td>
</tr>
</tbody>
</table>

Year 1 – Semester 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHN1102</td>
<td>Ecology of Children and Families 2</td>
</tr>
<tr>
<td>CSV2108</td>
<td>Culture, Equity and Diversity</td>
</tr>
</tbody>
</table>

Year 2 – Semester 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHN3130</td>
<td>Purpose of Play</td>
</tr>
<tr>
<td>CHN3203</td>
<td>Child Rearing</td>
</tr>
</tbody>
</table>

Year 2 – Semester 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSV2115</td>
<td>Leadership and Management in Community Services</td>
</tr>
<tr>
<td>CHN3206</td>
<td>Designing Family Support Programmes</td>
</tr>
</tbody>
</table>
Students enrolled in the CS7 Bachelor of Youth Work should enrol in one of the following units (instead of CSV2109):
- CSV3105 Gender Issues: Terms and Debates
- SWK2111 Aboriginal Histories of the Present

Note: CHN3113 Children and Family Studies Professional Placement unit continues from semester 1.

Policing

Availability: Joondalup

Provides students with an understanding of the broad range of areas relevant to contemporary policing. Adopting a justice perspective, students acquire theoretical and practical knowledge in areas such as intelligence, security, investigative practices, interviewing procedures, specialist policing units, and crime prevention and ethics. Although learning occurs within the context of an evidence-based policing paradigm, emphasis is placed on the practical skills relevant to this discipline area.

The major is relevant to students with an interest in criminology and justice, but has a wider appeal to social work, psychology, security and students enrolled in the social sciences or humanities.

Careers

State or Federal Police Officer, ASIO Officer, Private Security Officer, Security Services Officer, Policy Development Officer, Intelligence Officer.

Major Structure

Year 1 – Semester 1
- PSY1101 Introduction to Psychology

Year 1 – Semester 2
- MAN1101 Management

Year 2 – Semester 1
- CRI2116 Health and Welfare After Trauma

Year 2 – Semester 2
- CRI2115 Policy and Procedure for the Justice Professions
- MAN3121 Leadership

Year 3 – Semester 1
- MAN2120 Organisational Behaviour
- CRI3112 Operational Policing

Year 3 – Semester 2
- CRI3206 Misconduct and Corruption Prevention

Professional Youth Work

Availability: Joondalup

Provides an opportunity for students to combine a youth work major with complementary areas of study. This includes Aboriginal and Intercultural Studies, Addiction Studies, Health Promotion, Community Work, Criminology, Psychology, Counselling, Visual Arts, Media and Communications, and Event Management.

Additional Admission Requirements

Obtain a Working With Children Check card (or equivalent if resident outside Western Australia, for example, a National Police Clearance) prior to commencement of practicum. If a student is denied this card they will not be able to complete the practicum and will not be able to complete this unit set, with equivalents considered.

Practicum Requirement

Students are required to undertake a practical placement in at least two different youth work agencies. This placement is assessed by portfolio against the requirement of the Western Australian Association of Youth Workers.

Clearance and/or Risk Management Protocols Required

Risk Management Assessment is negotiated with the agencies and ECU under agreement arrangements. Western Australian applicants are required to have a Working With Children Check. Applicants from other Australian states and territories must be able to meet the criminal checks relevant to their jurisdiction. International students must meet Western Australian requirements, in addition to the requirements of their home country.

Careers

Youth Worker, Youth Support Worker, Youth Development Officer, Youth Activities Officer, Youth Welfare Worker, Youth and Family Mediation, Youth Health Educator, Youth Policy Officer, Youth Outreach Worker.

Major Structure

Year 1 – Semester 1
- YWK1220 Youth Issues
- CSV1103 Interpersonal and Helping Skills

Year 1 – Semester 2
- YWK1101 Principles of Youth Work
- CSV1203 Working with Groups

Year 2 – Semester 1
- YWK2113 Youth Work Professional Placement
- CSV2109 Vulnerable People and Communities

Year 2 – Semester 2
- CSV2116 Ethics in Human Services

Year 3 – Semester 1
- YWK3107 Ideology and Youth Work Practice
- YWK3203 Theories of Youth

Year 3 – Semester 2
- YWK3211 Inclusive Youth Work Practice
- YWK3231 Strategies for Social Change

Note: YWK2113 is a year-long unit.
Security Management

Availability: Joondalup

Brings together key aspects of national and international security, with an emphasis on contemporary security issues. Students will undertake specialised study in how to counter the terrorist threat, think critically, and analyse and understand criminal motivation. Students will learn to use suitable technology to secure assets, protect critical and national infrastructure, and employ security management techniques to achieve desired security outcomes.

Careers


Major Structure

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCY1118</td>
<td>Security Foundations</td>
</tr>
<tr>
<td>SCY1103</td>
<td>Physical Security</td>
</tr>
<tr>
<td>SCY1108</td>
<td>Building Management Systems</td>
</tr>
<tr>
<td>SCY2107</td>
<td>Threat Detection Systems</td>
</tr>
<tr>
<td>SCY2109</td>
<td>Surveillance Systems</td>
</tr>
<tr>
<td>SCY2108</td>
<td>Security Control Systems</td>
</tr>
<tr>
<td>SCY3506</td>
<td>Counter Intelligence</td>
</tr>
<tr>
<td>SCY3508</td>
<td>Radicalism and Political Extremism</td>
</tr>
</tbody>
</table>

Bachelor of Counselling

Duration: 3 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 083640C
Annual Indicative Fees: $31,700
See more course information: ecu.edu.au/courses/C56

Provides students with theoretical foundations, beginning therapeutic skills and first self-reflective clinical practice proficiency in counselling. It gives students the opportunity to learn interpersonal competencies, including communication, interpersonal skills, teamwork, self reflection, negotiation and conflict resolution skills.

The course is preparatory for those wishing to pursue postgraduate studies in counselling and psychotherapy.

Majors

• Family and Child Support • Professional Youth Work

Additional Admission Requirements

One or more of the majors in this course has admission requirements; refer to the major for more information.
**Family and Child Support**

**Availability:** Joondalup

Equips students with knowledge and skills of working in leadership positions with children, families and communities in a range of fields. These fields include early education and care, family support, parent education and policy and service development.

Adopts the frameworks of human rights and social inclusion and includes a practical placement to enable students to apply their theoretical knowledge to practice and to develop professional networks in the field.

The major can be combined with other related fields such as counselling, criminology and justice, psychology and youth work.

**Practicum Requirement**

This major includes one year-long professional placement that needs to be undertaken in the third year of study.

**Clearance and/or Risk Management Protocols Required**

All students are required to obtain a Working With Children Check card (or equivalent if resident outside Western Australia, for example, a National Police Clearance) prior to commencement of practicum placement in the final year of study.

**Careers**

Coordinator of Early Intervention Programs, Family Support Officer/Coordinator, Policy Officer.

**Major Structure**

**Year 1 – Semester 1**

- CHN1101 Ecology of Children and Families 1
- CSV1103 Interpersonal and Helping Skills

Students enrolled in the C57 Bachelor of Youth Work should enrol in one of the following units (instead of CSV1103):

- CRI2101 Professional Skills – Case Management
- CRI2202 Youth Justice

**Year 1 – Semester 2**

- CHN1102 Ecology of Children and Families 2
- CSV2108 Culture, Equity and Diversity

**Year 2 – Semester 1**

- CHN3130 Purpose of Play
- CHN3203 Child Rearing

**Year 2 – Semester 2**

- CSV2115 Leadership and Management in Community Services
- CHN3206 Designing Family Support Programmes

**Year 3 – Semester 1**

- CHN3113 Children and Family Studies Professional Placement
- CSV2109 Vulnerable People and Communities

Students enrolled in the C57 Bachelor of Youth Work should enrol in one of the following units (instead of CSV2109):

- CSV3105 Gender Issues: Terms and Debates
- SWK2111 Aboriginal Histories of the Present

**Year 3 – Semester 2**

- CSV3114 Social Research and Program Evaluation

Note: CHN3113 Children and Family Studies Professional Placement unit continues from semester 1.

**Professional Youth Work**

**Availability:** Joondalup

Provides an opportunity for students to combine a youth work major with complementary areas of study. This includes Aboriginal and Intercultural Studies, Addiction Studies, Health Promotion, Community Work, Criminology, Psychology, Counselling, Visual Arts, Media and Communications, and Event Management.

**Additional Admission Requirements**

Obtain a Working With Children Check card (or equivalent if resident outside Western Australia, for example, a National Police Clearance) prior to commencement of practicum. If a student is denied this card they will not be able to complete the practicum and will not be able to complete this unit set, with equivalents considered.
Arts & Humanities
Undergraduate

Practicum Requirement
Students are required to undertake a practical placement in at least two different youth work agencies. This placement is assessed by portfolio against the requirement of the Western Australian Association of Youth Workers.

Clearance and/or Risk Management Protocols Required
Risk Management Assessment is negotiated with the agencies and ECU under agreement arrangements. Western Australian applicants are required to have a Working With Children Check. Applicants from other Australian states and territories must be able to meet the criminal checks relevant to their jurisdiction. International students must meet Western Australian requirements, in addition to the requirements of their home country.

Careers
Youth Worker, Youth Support Worker, Youth Development Officer, Youth Activities Officer, Youth Welfare Worker, Youth and Family Mediation, Youth Health Educator, Youth Policy Officer, Youth Outreach Worker.

Major Structure

<table>
<thead>
<tr>
<th>Year 1 – Semester 1</th>
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<tbody>
<tr>
<td>YWK1220 Youth Issues</td>
<td></td>
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<tr>
<td>CSV1103 Interpersonal and Helping Skills</td>
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<table>
<thead>
<tr>
<th>Year 1 – Semester 2</th>
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<tbody>
<tr>
<td>YWK1101 Principles of Youth Work</td>
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<td>CSV1203 Working with Groups</td>
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<thead>
<tr>
<th>Year 2 – Semester 1</th>
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<tbody>
<tr>
<td>YWK2113 Youth Work Professional Placement</td>
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<tr>
<td>CSV2109 Vulnerable People and Communities</td>
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Note: YWK2113 is a year-long unit.

<table>
<thead>
<tr>
<th>Year 2 – Semester 2</th>
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<tbody>
<tr>
<td>CSV2116 Ethics in Human Services</td>
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<thead>
<tr>
<th>Year 3 – Semester 1</th>
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</thead>
<tbody>
<tr>
<td>YWK3107 Ideology and Youth Work Practice</td>
<td></td>
<td></td>
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<tr>
<td>YWK3203 Theories of Youth</td>
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<thead>
<tr>
<th>Year 3 – Semester 2</th>
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</thead>
<tbody>
<tr>
<td>YWK3211 Inclusive Youth Work Practice</td>
<td></td>
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<tr>
<td>YWK3231 Strategies for Social Change</td>
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</tbody>
</table>

Bachelor of Psychology

Duration: 3 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 0100522
Annual Indicative Fees: $33,200
See more course information: ecu.edu.au/courses/W74

This course is designed for students with a humanities or science background. It is for students who are interested in careers comprising psychology and a wide range of areas including arts and humanities, family and child support, youth work, community work, human services, criminology and justice. The course equips students with skills in analysing, researching behaviour and explaining interactions between people and their environment.

Careers
Public sector worker, government agency worker, market researcher, children and family service provider, marketer, human resource worker, statistician, mental health services worker, financial service worker.

Course Structure
Students are required to complete 24 units:
- 12 Core Units
- 12 Major / Minor / Elective Units

<table>
<thead>
<tr>
<th>Year 1 – Semester 1</th>
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<tbody>
<tr>
<td>PSY1101 Introduction to Psychology</td>
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<tr>
<td>PSY1115 Psychology of Motivation and Emotion</td>
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<tr>
<td>Major / Minor / Elective</td>
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<thead>
<tr>
<th>Year 1 – Semester 2</th>
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</thead>
<tbody>
<tr>
<td>PSY1210 Biopsychology, Sensation and Perception</td>
<td></td>
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<tr>
<td>PSY1204 Social Determinants of Behaviour</td>
<td></td>
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</tr>
<tr>
<td>Major / Minor / Elective</td>
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<table>
<thead>
<tr>
<th>Year 2 – Semester 1</th>
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<tbody>
<tr>
<td>PSY2102 Fundamentals of Psychological Inquiry</td>
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<tr>
<td>PSY2105 Psychology of Personality and Individual Differences</td>
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<td>Major / Minor / Elective</td>
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<tr>
<th>Year 2 – Semester 2</th>
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<tr>
<td>PSY2110 Biopsychology, Sensation and Perception</td>
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<tr>
<td>PSY2104 Social Determinants of Behaviour</td>
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<td>Major / Minor / Elective</td>
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BACHELOR OF PSYCHOLOGY AND COUNSELLING

**Duration:** 3 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 010052I  
**Annual Indicative Fees:** $33,200  
See more course information: [ecu.edu.au/courses/W65](http://ecu.edu.au/courses/W65)

Provides students with introductory counselling skills to complement their knowledge of the discipline of psychology. It prepares students for working in a counselling role, or for further postgraduate studies in psychology and counselling. The course equips students with skills in analysing, researching behaviour and explaining interactions between people and their environment.

**Careers**
Counsellor, Public Sector Worker, Government Agency Worker, Market Researcher, Children and Family Service Provider, Marketer, Human Resource Worker, Statistician, Mental Health Services Worker.

**Course Structure**
Students are required to complete 24 units.

### Year 1 – Semester 1
- PSY1101 Introduction to Psychology  
- PSY1115 Psychology of Motivation and Emotion  
- COU1101 Dynamic Models of Counselling  
- COU1201 Therapeutic Practice with Families and Couples

### Year 1 – Semester 2
- PSY1210 Biopsychology, Sensation and Perception  
- PSY1204 Social Determinants of Behaviour  
- COU1102 Self Development 1  
- COU1212 Culture and Diversity in Therapeutic Practice

### Year 2 – Semester 1
- PSY2102 Fundamentals of Psychological Inquiry  
- PSY2105 Psychology of Personality and Individual Differences  
- COU2102 Therapeutic Practice with Children and Adolescents  
- COU3101 Humanistic Models of Counselling

### Year 2 – Semester 2
- PSY2231 Developmental Psychology  
- PSY2204 Learning, Memory and Cognition  
- COU2101 Therapeutic Practice with Older Adults  
- COU3106 Skills Training in Humanistic Counselling

### Year 3 – Semester 1
- PSY3105 Advanced Methods of Psychological Inquiry  
- PSY3343 Abnormal Psychology  
- COU3102 Self Development 2  
- COU3201 Contemporary Challenges in Therapeutic Practice

### Year 3 – Semester 2
- PSY3217 Cultural Issues in Psychology  
- PSY3225 Applications of Psychological Literacy  
- COU3105 Psychodynamic Concepts into Practice  
- COU3202 Sexuality and Therapeutic Practice
# Bachelor of Psychology, Criminology and Justice

**Duration:** 3 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 0100523  
**Annual Indicative Fees:** $32,850  
See more course information: [ecu.edu.au/courses/W73](http://ecu.edu.au/courses/W73)

Designed for students who wish to pursue further study in the area of psychology, criminology, or justice, or those who wish to be employed within the criminal justice system. The course equips students with skills in analysing, researching behaviour and explaining interactions between people and their environment.

### Careers
Criminology and justice system worker, counsellor, public sector worker, government agency worker, market researcher, children and family service provider, marketer, human resource worker, statistician.

### Course Structure
Students are required to complete 24 units.

#### Year 1 – Semester 1
- **PSY1101** Introduction to Psychology  
- **PSY1115** Psychology of Motivation and Emotion  
- **CRI1107** The Criminal Justice Process  
- **CRI1103** Criminology

#### Year 1 – Semester 2
- **PSY1210** Biopsychology, Sensation and Perception  
- **PSY1204** Social Determinants of Behaviour  
- **CRI1104** The Psychology of Criminal Behaviour  
- **CRI2201** Critical Aspects of Policing

#### Year 2 – Semester 1
- **PSY2102** Fundamentals of Psychological Inquiry  
- **PSY2105** Psychology of Personality and Individual Differences  
- **CRI2115** Psychology and Criminal Justice  
- **CRI2101** Professional Skills – Case Management

#### Year 2 – Semester 2
- **PSY2231** Developmental Psychology  
- **PSY2204** Learning, Memory and Cognition  
- **CRI2103** Correctional Studies – Theory and Practice  
- **CRI2202** Youth Justice

#### Year 3 – Semester 1
- **PSY3105** Advanced Methods of Psychological Inquiry  
- **PSY3343** Abnormal Psychology  
- **CRI3120** Aboriginal Australians in the Criminal Justice System

Select one unit from the following list:
- **CRI3105** Community Corrections (Theory and Practice)  
- **CRI3112** Operational Policing  
- **LAW4130** Innocence Project

#### Year 3 – Semester 2
- **PSY3217** Cultural Issues in Psychology  
- **PSY3225** Applications of Psychological Literacy

Select two units from the following list:
- **CRI3109** International Human Rights  
- **CRI3206** Misconduct and Corruption Prevention  
- **LAW4130** Innocence Project

# Bachelor of Social Science

**Duration:** 3 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 079122D  
**Annual Indicative Fees:** $31,750  
See more course information: [ecu.edu.au/courses/C58](http://ecu.edu.au/courses/C58)

Broadens students’ understanding of themselves, their community and society, as well as preparing them for work as policy makers, managers and practitioners within the community/public service sector.

### Majors
- Children and Family Studies  
- Human Services and Community Work

### Practicum Requirement
Students are required to complete a professional placement unit during the course. The requirements for this professional placement vary depending on the major that is selected.

### Professional Recognition
Australian Community Workers Association (ACWA) have accredited this course. Australian Community Workers Association (ACWA) have accredited this course. To meet the professional accreditation requirements with ACWA, students must undertake certain units including 400 hours in the community and social science field.
Careers
Community Worker, Community Development Officer, Policy Officer, Family Support Officer, Parent Education Coordinator, Project Officer.

Course Structure
Students are required to complete 22 or 23 units, depending on their chosen major.

Children and Family Studies
<table>
<thead>
<tr>
<th>Major</th>
<th>17 Major Units</th>
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<tbody>
<tr>
<td>Minor / Elective</td>
<td>6 x Minor / Elective Units</td>
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Human Services
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<tr>
<th>Major</th>
<th>20 Major Units</th>
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</thead>
<tbody>
<tr>
<td>Elective</td>
<td>2 x Elective Units</td>
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Community Work
<table>
<thead>
<tr>
<th>Major</th>
<th>12 x Major Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective</td>
<td>9 x Elective Units</td>
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SWK1106 Psychology for Social Work
CSV3113 Professional Placement

MAJORS

Children and Family Studies
Availability: Joondalup
Equips students with knowledge and skills of working in leadership positions with children, families and communities in a range of fields. These fields include early education and care, family support, parent education and policy and service development.

Practicum Requirement
This major includes two professional placement components. The first one is undertaken in the first year of study, while the second is a year-long placement undertaken in the third year of study.

Clearance and/or Risk Management Protocols Required
Students are required to provide evidence of a valid Working With Children Check.

Professional Recognition
Australian Community Workers Association (ACWA) have accredited this unit set. Australian Community Workers Association (ACWA) have professionally accredited this course. To meet the professional accreditation requirements with ACWA, students selecting this major as part of the Bachelor of Social Science must undertake certain units including 400 hours in the community and social science field.

Careers
Early Childhood and Care Educator, Children Services Coordinator, Coordinator of Parent Education and Early Intervention Programs, Family Support Officer/Coordinator, Community Development Officer/Coordinator, Policy Officer.

Human Services and Community Work
Availability: Joondalup
Provides students with knowledge and skills in working with people and communities in diverse settings. It focuses on understanding the rights of people to have access to professionals and services that provide support to minimise harm in their everyday lives. It also covers areas of community work, interpersonal and helping skills, cultural and gender dimensions, Indigenous perspectives on Australian contemporary society, social policy, social research, leadership and management, and wellbeing.

The major includes a professional placement component and challenges students to consider viewing and working with members of society from a number of perspectives and dimensions.

Practicum
Students are required to complete a year-long professional placement unit of 400 hours.

Careers
Community Worker, Community Development Officer, Community Support Worker, Family Welfare Officer, Parent and Early Intervention Program Coordinator, Child and Family Support Worker, Child Protection Worker.
ARTS & HUMANITIES
UNDERGRADUATE

Year 1 – Semester 1
YWK1220  Youth Issues
CHN1101  Ecology of Children and Families
CSV1101  Introduction to Community Work

Year 1 – Semester 2
CSV1103  Interpersonal and Helping Skills
CSV1102  Introduction to Social Analysis
CHN1102  Ecology of Children and Families 2

Year 2 – Semester 1
CSV2109  Vulnerable People and Communities
CSV2111  Community Development
CSV1203  Working with Groups

Year 2 – Semester 2
CSV2216  Ethics in Human Services
CHN3203  Child Rearing
CSV2208  Culture, Equity and Diversity

Year 3 – Semester 1
CSV3101  Social Policy
SWK3113  Social Work and Mental Health
CSV3113  Professional Placement

Year 3 – Semester 2
CSV3115  Leadership and Management in Community Services
CSV3114  Social Research and Program Evaluation

BACHELOR OF SOCIAL WORK
Duration: 4 Years
Availability: South West (Bunbury)
Intake: February & July
CRICOS Code: 060864K
Annual Indicative Fees: $29,850
See more course information: ecu.edu.au/courses/K41

Provides a professional education in the field of social work. The course develops a student’s professional competencies and enhances their ability to work within a complex, uncertain and contested social work practice environment. Students undertake studies in social work theory and practice, research, politics, policy, law, and ethics, with particular reference to the relevance of this knowledge to practise in regional, rural and remote settings.

The curriculum is designed to develop social workers who are able to understand and meet the Practice Standards for Social Workers (AASW, 2013).

Clinical or Professional Work Placement Requirement
Students are required to undertake two 14-week social work field placements.

Careers
Community Development Officer, Mental Health Worker, Human Service Manager, Child Protection Officer, Youth Worker, Policy Research Officer, Hospital Social Worker, Community Health Worker, Family Support Worker.

Course Structure
Students are required to complete 28 units:
• 26 Core Units
• 2 Field Placement Units

Year 1 – Semester 1
SWK1115  Social Inclusion and People with Intellectual Disabilities
SWK1106  Psychology for Social Work
SWK1110  Introduction to Professional Practice
SWK1112  Introduction to Social Research

Year 1 – Semester 2
RPS1130  Rural, Regional and Remote Community Development
SWK1102  Philosophy, Knowledge and Ethics
SWK1103  Culture and Daily Life
SWK1107  Introduction to Australian Society

Year 2 – Semester 1
SWK2104  Human Behaviour in the Social Environment
SWK2108  Addictions and Practice
SWK2111  Aboriginal Histories of the Present
SWK2116  Gender, Families and Professional Practice

Year 2 – Semester 2
SWK2010  Theory and Practice for Child Protection
SWK2112  Australian Politics and Policy
SWK2114  Community Health and Well-being
SWK2115  Human Rights and Social Justice

Year 3 – Semester 1
RPS3110  Applied Research Methods
SWK3110  Organisational Contexts
SWK3112  Social Work Theory and Practice 1: Advanced Interpersonal Skills
SWK3113  Social Work and Mental Health

Year 3 – Semester 2
SWK3116  Field Placement 1
SWK3121  Social Work Theory and Practice 2: A Focus on Theories
Year 4 – Semester 1
- SWK4106 Social Policy
- SWK4110 Legal and Ethical Practice
- SWK4111 Social Work Theory and Practice 3: Collective Interventions
- SWK4120 Social Work Project

Year 4 – Semester 2
- SWK4116 Field Placement 2
- SWK4121 Social Work Theory and Practice 4: Activism and Social Change

BACHELOR OF YOUTH WORK

Duration: 3 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 079117A
Annual Indicative Fees: $32,600
See more course information: ecu.edu.au/courses/C57

Provides a comprehensive program of study in the essentials of youth work as an embedded practice within community work. The course includes specialist units in youth work, plus complementary studies in community work. Students can choose complementary areas of study such as Aboriginal and Intercultural Studies, Addiction Studies, Community Work, Criminology, Psychology, Counselling, Visual Arts, Media and Communication, and Events Management.

Practicum Requirement
A key feature of the course is the year-long practicum that offers students the opportunity to gain real world experience working with young people in supportive environments. Students graduate with valuable employability skills and enhanced job prospects.

Careers
Youth Worker, Youth Support Worker, Youth Development Officer, Youth Activities Officer, Youth Welfare Worker, Youth and Family Mediation, Youth Health Educator, Youth Policy Officer, Youth Outreach Worker.

Course Structure
Students are required to complete 23 units:
- 11 Core Units
- 12 Major Units

Year 1 – Semester 1
- YWK1220 Youth Issues
- CSV1103 Interpersonal and Helping Skills
  - 2 x Major / Minor / Elective Units

Year 1 – Semester 2
- YWK1101 Principles of Youth Work
- CSV1203 Working with Groups
  - 2 x Major / Minor / Elective Units

Year 2 – Semester 1
- YWK2113 Youth Work Professional Placement
- CSV1109 Vulnerable People and Communities
  - 2 x Major / Minor / Elective Units

Note: YWK2113 is a year-long unit.

Year 2 – Semester 2
- CSV2116 Ethics in Human Services
  - 2 x Major / Minor / Elective Units

Year 3 – Semester 1
- YWK3203 Theories of Youth
- YWK3107 Ideology and Youth Work Practice
  - 2 x Major / Minor / Elective Units

Year 3 – Semester 2
- YWK3231 Strategies for Social Change
- YWK3211 Inclusive Youth Work Practice
  - 2 x Major / Minor / Elective Units
ARTS & HUMANITIES
POSTGRADUATE

MASTER OF ARTS BY RESEARCH

Duration: 2 Years
Availability: Mount Lawley
Intake: February & July
CRICOS Code: 079541G
Annual Indicative Fees: $30,250
See more course information: ecu.edu.au/courses/L52

Enables students to graduate with an advanced research knowledge and understanding in a chosen arts or humanities discipline. The course consists of both research and coursework, and covers research preparation, the preparation of a research proposal, research presentation, the conduct of research and the completion of a thesis.

Students can choose from a wide range of arts and humanities disciplines.

Additional Admission Requirements
Bachelor’s degree in a relevant discipline with a Weighted Average Mark (WAM) of 70 per cent or higher, or have a lower WAM and demonstrate the capacity to undertake original Masters-level research. Alternatively, applicants can have a Bachelor’s degree in a different discipline with a relevant Graduate Diploma.

Course Structure
Students are required to complete 4 units.

Year 1 – Semester 1
- CMM6116 Methods of Inquiry
- CCAS102 Literature Review
- CCAS103 Seminar Series

Year 1 – Semester 2 + Year 2
Students are required to continue to re-enrol in the thesis component of their study until the thesis is submitted for examination: Masters Thesis (CMM6200).

GRADUATE CERTIFICATE IN BROADCASTING (RADIO)

Duration: 0.5 Years
Availability: Mount Lawley
Intake: February
CRICOS Code: 071574G
Annual Indicative Fees: $15,000
See more course information: ecu.edu.au/courses/W66

Prepares students for a career in radio and online broadcasting. This practical course is taught by professional journalists and broadcasters, and has the backing of the media industry around Australia. Course content includes the journalistic, presentation, technical and people skills required by today’s electronic media professionals.

Additional Admission Requirements
- Attend an audition and attend an interview (accommodations can be made for students located outside Western Australia);
- Submit a personal statement of no more than 500-words, résumé and photograph with their application.

Students are strongly advised to attend a personalised information session about the course with the coordinator. To organise this, please contact ECU’s Future Students team on futurestudy@ecu.edu.au.

Work Experience Requirement
Students are required to undertake industry work placement as part of the course.

Non-Standard Timetable
This course commences in Orientation Week and extends beyond Week 13. The course has non-standard contact hours and operates four days a week, from Tuesday to Friday.

Course Structure
Students are required to complete 3 units.

- BRO5111 Radio Production
- BRO5112 Radio Broadcasting Practice
- BRO5113 Radio News and Current Affairs
**GRADUATE DIPLOMA OF BROADCASTING**

Duration: 1 Year  
Availability: Mount Lawley  
Intake: February  
CRICOS Code: 052276G  
Annual Indicative Fees: $29,950  
See more course information: [ecu.edu.au/courses/W56](http://ecu.edu.au/courses/W56)

Prepares students for a career in broadcasting, particularly radio, television and online. This practical course is taught by professional journalists and broadcasters, and has the backing of the media industry around Australia. Course content includes the journalistic, presentation, technical and people skills required by today’s electronic media professionals.

**Additional Admission Requirements**
- Attend an audition and attend an interview (accommodations can be made for students located outside Western Australia);
- Submit a personal statement of no more than 500-words, résumé and photograph with their application.

Students are strongly advised to attend a personalised information session about the course with the coordinator. To organise this, please contact ECU's Future Students team on futurestudy@ecu.edu.au.

**Work Experience Requirement**
Students are required to undertake industry work placement as part of the course.

**Non-Standard Timetable**
This course commences in Orientation Week and extends beyond Week 13. The course has non-standard contact hours and operates four days a week, from Tuesday to Friday.

**Employment Opportunities**
This course prepares students for employment as researchers, reporters, video journalists, presenters and producers in the broadcast industry.

**Course Structure**
Students are required to complete 6 units.

**Year 1 – Semester 1**
- BROS111 Radio Production
- BROS112 Radio Broadcasting Practice
- BROS113 Radio News and Current Affairs

**Year 1 – Semester 2**
- BROS211 Television Production
- BROS212 Television Presentation
- BROS213 Television News and Current Affairs

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**MASTER OF COMMUNICATION**

Duration: 1.5 Years  
Availability: Mount Lawley  
Intake: February & July  
CRICOS Code: 096498G  
Annual Indicative Fees: $30,200  
See more course information: [ecu.edu.au/courses/J71](http://ecu.edu.au/courses/J71)

Designed for those who have previously completed a related undergraduate degree and wish to extend their skills. It provides students with the opportunity to acquire advanced knowledge and a broad understanding of contemporary communications theory and practice.

Students have the opportunity to demonstrate their understanding and research ability through the design and execution of a masters project, which will be a guided independent study in the area of the student’s interest and expertise based on a process of inquiry, analysis and synthesis.

**Additional Admission Requirements**
It is desirable that all applicants have five years of appropriate professional experience.

**Careers**
Social Media Coordinator, Marketing Coordinator, Digital Marketing Assistant, Communications Officer, Communication Engagement Officer.

**Course Structure**
Students are required to complete 8 units.

**Year 1 – Semester 1**
- CMM6150 Media and Transnational Asia
- CMM5110 Globalisation, Cultural Diversity and Innovation
- CMM6116 Methods of Inquiry

**Year 1 – Semester 2**
- CMM5175 Journalism in the New Media: Converged Environment
- CMM5180 Public Relations Strategies
- CCA6150 Project Preparation

**Year 2 – Semester 1**
- CCA6240 Masters Project 1
- CCA6250 Masters Project 2
### MASTER OF PROFESSIONAL COMMUNICATION

**Duration:** 2 Years  
**Availability:** Mount Lawley  
**Intake:** February & July  
**CRICOS Code:** 083661J  
**Annual Indicative Fees:** $30,450  
See more course information: ecu.edu.au/courses/L44

Provides students who do not have a formal communications background with the opportunity to acquire advanced knowledge and a broad understanding of contemporary communications theory and practice. Students have the opportunity to demonstrate their understanding and research ability through the design and execution of a masters project, which will be a guided independent study in the area of the student’s interest and expertise based on a process of inquiry, analysis and synthesis.

**Course Structure**  
Students are required to complete 11 units.  

**Year 1 – Semester 1**  
- CMM5160 Effective Communication in Professional Contexts  
- CMM5165 Media and Society in a Globalised World  
- CMM5170 Advertising and Brand Awareness

**Year 1 – Semester 2**  
- CMM6116 Methods of Inquiry  
- CMM5175 Journalism in the New Media: Converged Environment  
- CMM5180 Public Relations Strategies

**Year 2 – Semester 1**  
- CMM6150 Media and Transnational Asia  
- CMM5110 Globalisation, Cultural Diversity and Innovation  
- CCA6150 Project Preparation

**Year 2 – Semester 2**  
- CCA6240 Masters Project 1  
- CCA6250 Masters Project 2

### MASTER OF DESIGN

**Duration:** 1.5 Years  
**Availability:** Mount Lawley  
**Intake:** February & July  
**CRICOS Code:** 083663G  
**Annual Indicative Fees:** $30,450  
See more course information: ecu.edu.au/courses/L45

Designed for postgraduate students and industry practitioners with an undergraduate qualification in the same or related discipline area, such as Design or Creative Industries. Provides students with insights on the new and sophisticated roles of design in the society, while learning about trans-disciplinary design strategies. In the latter stages of the course, students will focus on an advanced design application through the production of a major piece of sustained work that will fuse contemporary studio-based practice and theory with rigorous critical analysis.

Students will be introduced to design thinking and strategic design to explore ways of investigating and understanding complex challenges, and user-focused methods of generating ideas. Students will be encouraged to view the design process as a collaborative activity that generates innovation through making and prototyping.

It will appeal to experienced designers who wish to invest in their specific practice to upgrade their practical design skills or improve their grasp of design theory, and to recent graduates who wish to extend their knowledge, skills and abilities in specialised areas.

**Additional Admission Requirements**  
Attend an interview and provide a folio.

**Careers**  
Graphic Designer, Social Designer, Spatial Designer, Human Centred Designer, Design Strategist, UX (User Experience) Designer.

**Course Structure**  
Students are required to complete 8 units.  

**Year 1 – Semester 1**  
- CMM6116 Methods of Inquiry  
- DES5310 What is Design For?  
- VIS5110 Visual Communication

**Year 1 – Semester 2**  
- DES5102 Design Thinking  
- DES6010 Design Case Studies  
- DES6020 Project Development and Management

**Year 2 – Semester 1**  
- CCA6240 Masters Project 1  
- CCA6250 Masters Project 2
**MASTER OF PROFESSIONAL DESIGN**

Duration: 2 Years  
Availability: Mount Lawley  
Intake: February & July  
CRICOS Code: 096497J  
Annual Indicative Fees: $30,450  
See more course information: [ecu.edu.au/courses/J72](https://ecu.edu.au/courses/J72)

Provides students with advanced technical and conceptual skills in design, and uses digital media as both a production and a creative tool. In the latter stages of the course, students will focus on an advanced design application through the production of a major piece of work that will fuse contemporary studio-based practice and theory with rigorous critical analysis.

Students will be introduced to design thinking as a means of exploring ways of investigating and understanding complex challenges, and user-focused methods of generating ideas. Students will be encouraged to view the design process as a collaborative activity that generates innovation through making and prototyping.

It will appeal to non-design related practitioners and graduates who wish to upgrade their practice by including design skills as the means to understand and apply the role of empathy in user-centred innovation.

**Careers**

UX Designer (User Experience Designer), Service Designer, Social Designer, Design Strategist.

**Course Structure**

Students are required to complete 11 units.

**Year 1 – Semester 1**

- CMM5160 Effective Communication in Professional Contexts  
- CMM5165 Media and Society in a Globalised World  
- CMM5170 Advertising and Brand Awareness

**Year 1 – Semester 2**

- CMM6116 Methods of Inquiry  
- DES5310 What is Design For?  
- VIS5110 Visual Communication

**Year 2 – Semester 1**

- DES5102 Design Thinking  
- DES6010 Design Case Studies  
- DES6020 Project Development and Management

**Year 2 – Semester 2**

- CCA6240 Masters Project 1  
- CCA6250 Masters Project 2

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**GRADUATE CERTIFICATE OF COUNSELLING AND PSYCHOTHERAPY**

Duration: 0.5 Years  
Availability: Joondalup  
Intake: February  
CRICOS Code: 094453D  
Annual Indicative Fees: $16,000  
See more course information: [ecu.edu.au/courses/J53](https://ecu.edu.au/courses/J53)

Offers conceptual foundations in the practice of individual psychodynamic counselling and systemic couples and family therapy. The course provides first applied knowledge of counselling case management.

**Non-Standard Timetable**

Students may be required to attend occasional weekend or evening classes.

**Careers**

Counsellor, Psychotherapist, Human Services Officer, Community/Welfare Worker, Youth Worker, Case Worker.

**Course Structure**

Students are required to complete 4 units.

- COU6113 Principles of Psychodynamic Practice  
- COU6121 Psychodynamic Theories of Counselling  
- COU5303 Couples and Family Therapy  
- COU6305 Individual Psychotherapy Practice 1

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**Arts & Humanities**

**Postgraduate**

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**Graduate Diploma of Counselling and Psychotherapy**

Duration: 1 Year  
Availability: Joondalup  
Intake: February  
CRICOS Code: 094454C  
Annual Indicative Fees: $32,000  
See more course information: [ecu.edu.au/courses/J54](http://ecu.edu.au/courses/J54)

Designed for professionals who wish to acquire counselling skills for use in their work as health professionals, social workers, personnel officers, pastors, human service workers, psychologists or counsellors. The course provides training in counselling skills and theory, and prepares graduates to develop a counselling role in the setting in which they work.

**Non-Standard Timetable**  
Students may be required to attend occasional weekend or evening classes.

**Careers**  
Counsellor, Psychotherapist, Human Services Officer, Community/Welfare Worker, Youth Worker, Case Worker.

**Course Structure**  
Students are required to complete 8 units.

**Year 1 – Semester 1**

- **COU6113** Principles of Psychodynamic Practice  
- **COU6121** Psychodynamic Theories of Counselling  
- **COU5303** Couples and Family Therapy  
- **COU6305** Individual Psychotherapy Practice 1

**Year 1 – Semester 2**

- **COU6324** Individual Psychotherapy Practice 2  
- **COU5210** Personal Issues in Counselling  
- **COU6114** Object Relations and Attachment Theory  
- **COU6403** Psychodynamic Theories of Couples and Family Therapy

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**Master of Counselling and Psychotherapy**

Duration: 2 Years  
Availability: Joondalup + Mount Lawley  
Intake: February  
CRICOS Code: 083642A  
Annual Indicative Fees: $32,000  
See more course information: [ecu.edu.au/courses/L67](http://ecu.edu.au/courses/L67)

The course includes theoretical study, experiential-based skill development and self-reflective clinical practice in the fields of counselling and psychotherapy. The overall theoretical orientation of this coursework Masters is psychoanalytic and to a lesser extent systemic. In the final year of study, students can hone their clinical skills in a year-long fieldwork placement, or as an alternative to the fieldwork placement, students with relevant previous experience may apply to complete a research project.

**Additional Admission Requirements**

- Three-year degree from a recognised university;  
- Attend an interview;  
- Provide a written application and attend an interview if they are short-listed.

Preference will be given to applicants with at least two years full-time (or equivalent) experience in a formal counselling role.

It is desirable that all applicants have a three-year degree from a recognised university, in an area such as social work, psychology, medicine, occupational therapy, nursing, theology or human services.

**Practicum Option**  
Students are required to complete a year-long fieldwork placement in their final year of study.

**Professional Recognition**  
Psychotherapy and Counselling Federation of Australia (PACFA) have accredited this course. The panel recommends that the Master of Counselling and Psychotherapy (Clinical Strand) be professionally accredited for a period of seven years. This does not include the research focused Masters strand. Students wishing to pursue a PACFA professionally accredited course must complete the field placement and group supervision subjects in the Clinical strand.

**Course Structure**  
Students are required to complete 15 or 16 units, depending if Field Placement Mode or Research Project Mode is chosen in the last year.
### Year 1 – Semester 1
- **COU6113** Principles of Psychodynamic Practice
- **COU6121** Psychodynamic Theories of Counselling
- **COU5303** Couples and Family Therapy
- **COU6305** Individual Psychotherapy Practice 1

### Year 1 – Semester 2
- **COU6114** Object Relations and Attachment Theory
- **COU5210** Personal Issues in Counselling
- **COU6324** Individual Psychotherapy Practice 2
- **COU6403** Psychodynamic Theories of Couples and Family Therapy

### Year 2 – Semester 1
**Option 1:** Field Placement Mode
- **COU6428** Couples and Family Therapy Practice 1
- **COU6429** Couples and Family Therapy Practice 2
- **COU6430** Group Supervision 1
- **COU6430** Field Placement 1

**Option 2:** Research Project Mode
- **COU6428** Couples and Family Therapy Practice 1
- **COU6429** Couples and Family Therapy Practice 2
- **COU6433** Counselling Research: Project Preparation

### Year 2 – Semester 2
**Option 1:** Field Placement Mode
- **COU6323** Group Psychotherapy
- **COU6412** Psychotherapy Research
- **COU6412** Field Placement 2
- **COU6432** Group Supervision 2

**Option 2:** Research Project Mode
- **COU6323** Group Psychotherapy
- **COU6412** Psychotherapy Research
- **COU6228** Counselling Research Project
- **COU6230** Counselling Research Project Report

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**MASTER OF CRIMINAL JUSTICE BY RESEARCH**

- **Duration:** 1.5 Years
- **Availability:** Joondalup
- **Intake:** February & July
- **CRICOS Code:** 083333C
- **Annual Indicative Fees:** $37,550

See more course information: [ecu.edu.au/courses/L58](http://ecu.edu.au/courses/L58)

Provides advanced, research-based studies in theoretical and applied areas of law and justice. It aims to extend understanding of knowledge in the discipline area alongside knowledge of research methods in law and justice. Students will undertake a significant independent research investigation resulting in a thesis that will have relevance to the law and justice sectors.

**Additional Admission Requirements**

Weighted Average Mark (WAM) of 70 per cent or higher in their Bachelor’s degree. Students who have not achieved this mark may be admitted at the discretion of the Coordinator.

**Course Structure**

Students are required to complete 4 units.

**Year 1 – Semester 1**

- **FBL6100** Research Methods in Business and Law
- **FBL6120** Advanced Research Methods in Business and Law
- **FBL6140** Thesis Preparation

**Year 1 – Semester 2 + Year 2 – Semester 1**

Students are required to continue to re-enrol in the thesis component of their study until the thesis is submitted for examination: Masters Thesis (FBL6200).
ARTS & HUMANITIES
POSTGRADUATE

MASTER OF PSYCHOLOGY

Duration: 2 Years
Availability: Joondalup
Intake: February
CRICOS Code: 074074C
Annual Indicative Fees: $30,450

See more course information: ecu.edu.au/courses/I69

Prepares students for professional practice in clinical psychology, in particular, the assessment and treatment of psychological disorders. In addition to completing a research thesis, students complete coursework and professional placements in clinical psychology.

Additional Admission Requirements
- Bachelor Honours degree (First or Upper Second class) in an accredited fourth year course in psychology, with equivalents considered;
- Academic IELTS with an overall minimum score of 7.0 (no individual band less than 6.5);
- Submit a Curriculum Vitae (CV), a covering letter and two references (submitted independently of the students application) to meet the Australian Psychology Accreditation Council (APAC) accreditation requirements;
- Short-listed candidates will participate in a selection interview, either face-to-face or via teleconference.

It is desirable that all applicants have work experience, as admission into the program is competitive.

Clinical or Professional Work Placement Requirement
Students are required to complete professional placements in clinical psychology. Students on clinical or professional work placement must observe professional practice rules.

Professional Recognition
Australian Psychology Accreditation Council (APAC) have accredited this course.

Professional Registration
Students will need to graduate to be eligible to register with the Psychology Board of Australia. Registration with the Psychology Board of Australia is required to practice in the profession.

Non-Standard Timetable
Students may be required to undertake coursework and placements outside of the normal semester timetable.

Careers
Clinical Psychologist.

Course Structure
Students are required to complete 15 units.

Year 1 – Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>PSY5196</td>
<td>Professional Issues in Psychology</td>
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<tr>
<td>PSY5197</td>
<td>Psychological Assessment</td>
</tr>
<tr>
<td>PSY5211</td>
<td>Clinical Psychology: Introduction to Practice</td>
</tr>
<tr>
<td>PSY5330</td>
<td>Clinical Practicum 1</td>
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</table>

Note: PSY5330 is timetabled as a full-year unit.

Year 1 – Semester 2

<table>
<thead>
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<td>Research Preparation</td>
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<tr>
<td>PSY5212</td>
<td>Clinical Psychology: Infancy, Childhood and Adolescence</td>
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<tr>
<td>PSY5213</td>
<td>Clinical Psychology: Complex Presentations</td>
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Year 2 – Semester 1

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<th>Course Name</th>
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<td>Research Project 1</td>
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<tr>
<td>PSY6242</td>
<td>Practicum 2</td>
</tr>
<tr>
<td>PSY6244</td>
<td>Family Psychology</td>
</tr>
<tr>
<td>PSY6347</td>
<td>Clinical Psychology for Special Populations</td>
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Year 2 – Semester 2

<table>
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<th>Course Code</th>
<th>Course Name</th>
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<tr>
<td>PSY6245</td>
<td>Research Project 2</td>
</tr>
<tr>
<td>PSY6246</td>
<td>Practicum 3</td>
</tr>
<tr>
<td>PSY6214</td>
<td>Clinical Psychology: Health Behaviours</td>
</tr>
<tr>
<td>PSY6248</td>
<td>Group-based Psychotherapy Skills</td>
</tr>
</tbody>
</table>
MASTER OF SCREEN STUDIES
Duration: 1.5 Years
Availability: Mount Lawley
Intake: February & July
CRICOS Code: 083664F
Annual Indicative Fees: $45,400
See more course information: ecu.edu.au/courses/L57

Provides students with industry-level skills, a show-reel of production work and a strong analytical and theoretical foundation relating to digital screen production. Students are able to pursue a major area of specialisation from the following fields: producing, directing, screenwriting, cinematography, sound, editing and production design. Students may also elect a secondary area of specialisation.

The course includes the professional production of six short dramas and documentaries, a web-series, music and corporate videos and client-based projects.

A unique feature of the program is the relationship with the West Australian Academy of Performing Arts (WAAPA). Students in the WAAPA acting department as well as costume, design, lighting, sound and production management are involved in the production of WA Screen Academy film projects.

Additional Admission Requirements
• Provide a personal statement and a detailed Curriculum Vitae (CV);
• Attend an interview;
• Provide a showreel;
• Have completed a related undergraduate degree or equivalent three years industry experience, with equivalents considered. Alternatively, applicants can provide a folio.

Non-Standard Timetable
Students enrolling at the start of the year can elect to complete the course over 12 months or 18 months. Students choosing mid-year entry will be required to complete the course over 18 months.

Careers
Producer, Director, Screenwriter, Cinematographer, Editor, Sound.

Course Structure
Students are required to complete 9 units.

Year 1 – Semester 1
SCR5120 Screen Studies 1
SCR6100 Specialist Workshop 1
SCR5101 Production Preparation
SCR6110 Screen Project: Drama
SCR6120 Screen Project: Documentary

NOTE: SCR5101, SCR6110 and SCR6120 are full year units that are taken over semester 1 and semester 2.

Year 1 – Semester 2
SCR5125 Screen Studies 2
SCR6105 Screen Project: Client-Based
SCR6115 Screen Project: Multicam
SCR6150 Specialist Workshop 2

GRADUATE CERTIFICATE IN SOCIAL SCIENCE
Duration: 0.5 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 091867F
Annual Indicative Fees: $16,050
See more course information: ecu.edu.au/courses/U73

Prepares students for research in higher degrees and for entrance into the Masters awards. Candidates are accepted in the fields of Children & Family Studies, Community Studies, Counselling, Counselling & Psychotherapy, Disability Studies, Gerontology, Human Services, Women’s Studies, and Youth Work.

Course Structure
Students are required to complete 3 units.

CSV5104 Special Study 2 in Community Services
CSV5105 Research in Community Services

Select one unit from the following list:
RESS115 Research Preparation: Principles and Approaches
CSV5103 Special Study 1 in Community Services

MASTER OF SOCIAL SCIENCE BY RESEARCH
Duration: 1 Year
Availability: Joondalup
Intake: February & July
CRICOS Code: 052271B
Annual Indicative Fees: $32,000
See more course information: ecu.edu.au/courses/U66

Intended for professionals involved in the delivery of services to the community, and will enable them to develop their research in the diverse range of social sciences contexts. Candidates are accepted into the disciplines of Children & Family Studies, Community Studies, Disability Studies, Gerontology, Human Services, Women’s Studies and Youth Work.

Additional Admission Requirements
Bachelor Honours degree (first or upper second class) in a relevant area, or a Graduate Diploma or Graduate Certificate in a relevant area, with a course average of at least 65 per cent. Special entry may be considered for students with equivalent research experience.

Course Structure
Students are required to continue re-enrolling in the thesis component of their study until the thesis is submitted for examination: Masters Thesis (CSV6200).

DOCTOR OF PHILOSOPHY
We also offer a PhD and PhD Integrated in the field of arts and humanities. For more details, please see pages 224–225.
At ECU's School of Business and Law, you will receive up-to-date theoretical knowledge, practical experience and essential employability skills to help you succeed in a variety of complex, competitive and dynamic global business environments.

The School offers an exciting mix of courses and commerce majors, which are developed in consultation with industry, combining the latest theory with practical experiences. In 2019, the School was recognised by QILT as the top public university in Western Australia for Teaching Quality and Graduate Satisfaction, in the undergraduate fields of Business and Management, and Law and Paralegal Studies.

Our professionally accredited and established law courses will allow you to achieve your dreams. So if you want to be a first-class lawyer, fight for justice in the courtroom, or branch out into government, business or the community sector, study law at ECU.

All of our courses aim to equip you with the skills that employers seek through hands-on learning opportunities. Our graduates have found employment in a variety of fields across the country and the world. So get set for a rewarding and successful career with a degree from ECU’s School of Business and Law.

CAREERS:

- Accountant
- Bank Manager
- Brand Manager
- Environmental Planner
- Event Manager
- Financial Analyst
- Hotel Manager
- Human Resource Manager
- In-House Counsel
- Investment Adviser
- Lawyer
- Management Consultant
- Managing Director
- Marketing Manager
- Organisational Psychologist
- Project Manager
- Resort Manager
- Sport Development Manager
- Sport Manager
- Strategic Planner
- Trade Manager
I chose ECU because I liked the units offered and the structure of the course, and the location was amazing, especially coming from a landlocked country!

Studying at ECU was full of learning experiences. Adapting to the learning and teaching systems of a different country was a challenge, but the lecturers, tutors and many different academic support networks were extremely helpful and assisted me in achieving academic success.

The course has helped me greatly with developing time management skills. Coping with living in a new environment and having to work under stress were big challenges at the start of my degree, but dealing with this pressure is now my greatest strength.

Whilst studying at ECU I had the opportunity to complete an internship at Landgate. This opportunity helped link theory to practice in the contemporary project environment. The skills I have learnt, and the network I have been able to build though out this experience will undoubtedly help me to excel in my professional career.

MAHARSHI MAHARJAN
Master of Project Management graduate
Nepal
BUSINESS & LAW
UNDERGRADUATE

BACHELOR OF COMMERCE

Duration: 3 Years
Availability: Joondalup
Intake: February & July

Commerce students at ECU South West will be offered six common core units, selected units from the Accounting major and the opportunity to complete some electives on campus. In order to complete the Bachelor of Commerce, however, students should be prepared to complete the remaining units at ECU’s Joondalup Campus.

CRICOS Code: 094285D
Annual Indicative Fees: $31,550
See more course information: ecu.edu.au/courses/W23

Our students graduate not only job ready but industry ready, with practical work based industry experience, networking opportunities and career portfolio development, equipping them with the skills to succeed in a range of business careers. The course offers thirteen majors across a broad range of disciplines, all created in consultation with industry, with many being professionally accredited and recognised with the relevant industry bodies. Students can choose up to two majors, a major and a minor, or, a major and a range of electives providing great flexibility in the course and giving students the opportunity to tailor their degree to suit their career aspirations. In addition, students can choose from a range of exciting and relevant minors, such as Entrepreneurship and Innovation, International Business Language (Mandarin), International Business Language (Japanese).

Students are equipped with the theory, practical experience and employability skills, including the leadership, teamwork, critical thinking, and communication and problem solving skills.

Graduate world-ready to succeed in a variety of complex, competitive and dynamic global business environments.

Majors
- Accounting • Accounting and Finance • Event Management • Finance • Health Management • Hotel Management • Human Resource Management • International Business • Law in Business • Management • Marketing • Project Management • Sport Business • Tourism and Hospitality Management

Internship Option
The ECU Business Placement and Internship programs provide students with a unique opportunity to gain valuable real-world experience in a public, private or not-for-profit organisation. They enable students to gain relevant work experience, allowing them to develop professional networks, practice applying theory learned during their degree, develop skills and capabilities required to succeed in their chosen profession, and gain a better understanding of the nature of employment and professional conduct in their chosen industry. There are attendance requirements for this internship.

Careers
Corporate Accountant, Bank Officer, Management Consultant, Economic Adviser, Financial Analyst, Human Resources Manager, Recruitment Consultant, Project Manager, Marketing/Sales Manager.

Course Structure
Students are required to complete 22 or 24 units:
- 6 Core Units
- 8 Major Units
- 6 Major / Minor / Elective Units
- 3 Major / Minor / Elective Units + Practicum Unit / 2 Internship Units

Note: Students wishing to take the Accounting major with one of the following professionally accredited majors (Project Management or Marketing) will be required to complete additional credit points/units exceeding that required for completion of the Bachelor of Commerce.

Year 1 - Semester 1
- SBL1100 Foundations of Business
- SBL1300 Business Environments & Markets
- SBL1400 Introduction to Business Analytics
- ACC1100 Accounting I

Year 1 - Semester 2
- ECF1110 Economics I
- SBL1600 Business Identity and Protocols
- Major 1 x Major Unit
- Major / Minor / Elective 1 x Major / Minor / Elective Unit

Year 2 - Semester 1
- Major 2 x Major Units
- Major / Minor / Elective 2 x Major / Minor / Elective Units

Year 2 - Semester 2
- Major 2 x Major Units
- Major / Minor / Elective 2 x Major / Minor / Elective Units

Year 3 - Semester 1
- Major 3 x Major Units
- Major / Minor / Elective 1 x Major / Minor / Elective Unit
Accounting and Finance

Option 1

Major / Minor / Elective Units

Select one unit from the following list:
- FBL3501 Business Practicum
- SBL3500 Integrated Business Application

Option 2

Internship Minor, which consists of:
- FBL3400 Business Internship I
- FBL3500 Business Internship 2

MAJORS

Accounting

Availability: Joondalup

Whether students want to work for a large corporation, a new start-up, not-for-profit, or in government, as an accredited major, accounting provides these opportunities both locally and internationally. Students graduate industry-ready and with the skills to work in a diverse range of sectors.

The major provides students with a strong foundation in accounting theory and principles, along with practical skills in accounting and related areas. It also develops a student’s capacity for inquiry, abstract logical thinking and critical analysis, as well as communication and interpersonal skills required for success in any industry.

Professional Recognition

Institute of Public Accountants (IPA) have accredited this unit set. Students completing this course can access Associate level membership of the Institute of Public Accountants. Chartered Institute of Management Accountants (CIMA) have accredited this unit set. CIMA professional accreditation only relates to the Accounting units in this major. Chartered Accountants Australia and New Zealand (CAANZ) have accredited this unit set. CAANZ professional accreditation only relates to the Accounting units in this major. CPA Australia have accredited this unit set. CPA professional accreditation only relates to the Accounting units in this major.

Careers

Accountant, Company Secretary, Corporate Accountant, Management Accountant, Practising Accountant, Public Accountant, Auditor, Tax Assessor/Planner, Bank Officer, Investment Analyst.

Major Structure

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>ECF1120</td>
<td>Finance I</td>
</tr>
<tr>
<td>LAW1100</td>
<td>Legal Framework I</td>
</tr>
<tr>
<td>ACC2250</td>
<td>Accounting II</td>
</tr>
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<td>ACC2350</td>
<td>Cost Accounting</td>
</tr>
<tr>
<td>ACC2360</td>
<td>Managerial Accounting</td>
</tr>
<tr>
<td>ACC2700</td>
<td>Financial Reporting Standards</td>
</tr>
<tr>
<td>ACC3201</td>
<td>Accounting Information Systems</td>
</tr>
<tr>
<td>ACC3510</td>
<td>Auditing</td>
</tr>
<tr>
<td>ACC3700</td>
<td>Financial Accounting, Theory and Practice</td>
</tr>
<tr>
<td>LAW2300</td>
<td>Company Law II</td>
</tr>
<tr>
<td>LAW2410</td>
<td>Income Tax Framework II</td>
</tr>
</tbody>
</table>

Accounting and Finance

Availability: Joondalup

Provides students with a strong foundation in accounting theory and principles, along with practical skills in accounting and related areas. It also equips students with the necessary knowledge and skills to pursue a fast-paced career in stockbroking, investment banking, financial advice, and in the finance division of any corporation.

Students graduate industry-ready and with the skills to work in a diverse range of sectors. Whether students want to work for a large corporation, a new start-up, not-for-profit, or in government, finance and accounting provides these opportunities both locally and internationally.

Professional Recognition

Institute of Public Accountants (IPA) have accredited this unit set. IPA professional accreditation only relates to the Accounting units in this major.

Students completing this course can access Associate level membership of the Institute of Public Accountants. Chartered Institute of Management Accountants (CIMA) have accredited this unit set. CIMA professional accreditation only relates to the Accounting units in this major. Chartered Accountants Australia and New Zealand (CAANZ) have accredited this unit set. CAANZ professional accreditation only relates to the Accounting units in this major. CPA Australia have accredited this unit set. CPA professional accreditation only relates to the Accounting units in this major.

Membership

Graduates are eligible to apply for membership with the Financial Services Institute of Australasia (FINSIA). Graduates who have completed the Finance units are eligible to apply for membership with the Financial Services Institute of Australasia (FINSIA). They will also meet the academic requirements for professional membership.

Careers

Accountant, Company Secretary, Corporate Accountant, Management Accountant, Public Accountant, Auditor, Tax Assessor/Planner, Bank Officer, Investment Analyst.

Major Structure

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<td>ECF2210</td>
<td>Capital Markets</td>
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<td>ECF2222</td>
<td>Corporate Finance</td>
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<td>ECF2226</td>
<td>Investment Finance</td>
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<td>Company Law II</td>
</tr>
<tr>
<td>LAW2410</td>
<td>Income Tax Framework II</td>
</tr>
</tbody>
</table>
Select two units from the following list:

- ECF3120 Financial Modelling
- ECF3310 Credit and Lending Decisions
- ECF3312 Financial Institutions Management
- ECF3211 Superannuation and Retirement Planning
- ECF3510 Personal Finance

**Event Management**

**Availability:** Joondalup

This major is also available in our Bachelor of Hospitality and Tourism Management as well as our Bachelor of International Hotel and Resort Management.

Whether it’s planning an international sporting match, business conference, art exhibition, corporate event, wedding expo, or local music festival, this major equips students with the knowledge and skills to pursue a career in event management. With the increasing social, economic and political significance of high-profile events, employers are seeking university graduates with the skills and knowledge of event planning, marketing and strategic management, along with the employability skills of leadership, teamwork, communication and problem-solving, for managerial positions.

This major commences with an introduction to the events industry and focuses on the application of key business principles, practices and skills including; marketing, communications and sponsorship, managing the service experience, human resource and strategic management, funding and finance, sport venue and event management, business events management, business research and evaluation, event staging, logistics, and operations management.

**Careers**

Event Manager, Events Coordinator, Events Officer, Events Business Manager, Events Operation Manager, Events Consultant, Conference Manager, Wedding Planner, Party Planner.

**Major Structure**

- TSM2202 Introduction to Event Management
- HOS2325 Managing the Service Experience
- SPM2510 Marketing and Communications for Sport and Events
- SPM3655 Sport and Events Funding and Finance
- SPM3114 Sport Venues and Events
- TSM3500 Business Events Management
- BUS3100 Business Research Practices
- TSM3501 Event Operations Management

**Finance**

**Availability:** Joondalup

For students interested in pursuing a fast-paced career in stockbroking, investment banking, financial advice, and in the finance division of any corporation. This major equips students with the necessary knowledge and employability skills, such as leadership, teamwork, critical thinking, communication and problem-solving required for success in the industry.

**Membership**

Graduates are eligible to apply for membership with the Financial Services Institute of Australasia (FINSIA). Graduates are eligible to apply for membership with the Financial Services Institute of Australasia (FINSIA). They will also meet the academic requirements for professional membership.

**Careers**

Bank Officer, Investment Analyst, Financial Analyst, Corporate Advisory, Paraplanner, Financial Planner, Wealth Manager.

**Major Structure**

- ECF1120 Finance I
- ECF2210 Capital Markets
- ECF2222 Corporate Finance
- ECF2226 Investment Finance

**Recommended Electives**

Select four units from the following list:

- ECF3120 Financial Modelling
- ECF3310 Credit and Lending Decisions
- ECF3312 Financial Institutions Management
- ECF3211 Superannuation and Retirement Planning
- ECF3510 Personal Finance
Health Management

Availability: Joondalup

This major helps to develop the leadership and management capacity of healthcare professionals, in order to address the growing need to operate globally and effectively in the management of healthcare settings, both public and private. Effective leadership and management is crucial in a health care industry where continuous change requires people of vision and commitment to meet the challenges of providing effective health care and optimising outcomes within a diverse population. This major is designed to address the general view that there exists a gap in desired competencies in the intersection between management and health.

Careers

Allied health, management, leadership, health care, research, community health, occupational risk, Hospital Administrators, Facility Manager.

Major Structure

- MAN2145 Human Resource Management
- HST1183 Health, Society and Sustainability
- MAN2120 Organisational Behaviour
- HST2184 Communicable Disease Control
- MAN3121 Leadership
- HST2220 Health Promotion Planning and Administration
- MAN3503 Strategic Management
- MAN3810 Business Ethics

Hotel Management

Availability: Joondalup

Created in consultation with industry, students graduate with real world knowledge and employability skills required by leading hotels, resorts and hospitality businesses. This major covers the key aspects required for managing these types of organisations and their operations, including food and beverage management, rooms division management, service management, international resort facilities management, financial management and strategic management.

Using industry standard software and facilities, students will be equipped with the practical skills needed to function as a business professional and industry leader in the contemporary hotel management sector.

Careers

Hotel Manager, Food and Beverage Manager, Rooms Division Manager, Front Office Manager, Hotel Sales Manager, Restaurant Manager, Café Manager, Bar Manager, Hospitality Business Manager.

Major Structure

- HOS2110 Food and Beverage Management
- HOS2325 Managing the Service Experience
- HOS2220 Rooms-Division Management
- HOS3111 Management of Hospitality Finance
- HOS3320 Hospitality Facilities Management
- TSM3101 International Resort Management
- TSM3105 Contemporary Issues in Tourism and Hospitality
- HOS3100 Hospitality and Tourism Management

Human Resource Management

Availability: Joondalup

This major is also available in our Bachelor of Hospitality and Tourism Management, Bachelor of International Hotel and Resort Management, as well as Bachelor of Sport, Recreation and Event Management.

Provides students with necessary skills to recruit, manage, train and develop a team. For students interested in human behaviour, human resource management gives them the opportunity to explore their interests and apply this in a corporate setting. Employability skills have been built into this major, to ensure students graduate with critical thinking, teamwork, communication and problem-solving skills sought by graduate employers.

Professional Recognition

Australian Human Resources Institute (AHRI) have accredited this unit set.

Careers

Human Resource Manager, Human Resource Consultant, Personnel Officer, Training & Development Officer, Employment Relations Officer, Organisational Development Consultant, Management Consultant, Recruitment Consultant, Recruitment Manager.

Major Structure

- MAN1100 Management
- MAN2120 Organisational Behaviour
- MAN2145 Human Resource Management
- MAN2601 Employment Relations
- MAN3205 Strategic Human Resource Management
- MAN3645 Recruitment & Retention
- MAN3655 Workplace Learning
- OHS3404 Managing Occupational Risk

Note: Students may enrol in MAN3246 International and Comparative Human Resource Management in place of MAN2601 Employment Relations, with approval of the Course Coordinator.
International Business

Availability: Joondalup

This major is also available in our Bachelor of Hospitality and Tourism Management as well as our Bachelor of International Hotel and Resort Management.

Students will graduate world-ready with a balance of business management practices that are applicable in multicultural and international environments. Focussing on international business development this major includes extensive coverage of Asia, the USA and Latin America. Cultural sensitivity, business relationship management, foreign direct investment, negotiation, entrepreneurship, human resource management, logistics, strategy, ethics and research techniques are covered in order to prepare our graduates to achieve success in the complex, competitive and dynamic global business environment.

This major exposes students to international business theory and complements this with direct engagement to real world cases, practices and environments. Critical thinking, teamwork, cultural intelligence, problem solving and effective communication skills are features of our graduates and alumni now working across international business sectors. Our goals are to continue to provide relevant opportunities to develop effective, internationally focused business professionals who have the skill, ability and business acumen to achieve success in modern international operations.

Careers

Business Manager, Exporter & Importer, International Business Consultant, Trade Manager, Foreign Affairs & Trade Officer.

Major Structure

MAN1100 Management
INB2101 Cultural Framework of Business
INB2102 International Business
MAN2020 Logistics
INB3202 International Business Project
INB3600 Business in Asia
MAN3705 International Negotiation
MAN3612 Project Management

Law in Business

Availability: Joondalup

No industry can escape the legal context in which all businesses and organisations must operate. Having a sound understanding of commercial law and the ability to manage legal risk is a skill valued by employers both in the private and public sector. Students will study the foundations of law including legal framework, legal process, legal writing and research, torts and trade practices, competition and consumer protection law. Students can then tailor the major to suit their area of interest with three electives including property, employment, banking, mining, international trade and intellectual property, among others.

While this major does not qualify students to become practising lawyers, graduates will qualify for entry to Bachelor of Laws (Y11) with a credit transfer for the professionally accredited law units already studied within the last 10 years.

Careers

Company Director, Office Administrator or Manager, Administration Manager, Contract Manager or Officer, Compliance Officer, Legal Administration Officer.

Major Structure

LAW1100 Legal Framework I
LAW1116 Legal Process
LAW1600 Legal Writing and Research
LAW1117 Torts I
LAW3221 Trade Practices, Competition and Consumer Protection Law

Select three units from the following list (with at least one unit at Level 3000 or 4000):

LAW2102 Property Law I
LAW2104 Constitutional Law I
LAW2105 Employment Law
LAW2106 Intellectual Property Law
LAW2350 Administrative Law
LAW2601 Planning and Development Law I
LAW3105 Alternative Dispute Resolution
LAW3201 Law of Banking and Credit III
LAW4110 International Trade Law
LAW4601 Mining and Resource Law
Management
Availability: Joondalup

This major is also available in our Bachelor of Hospitality and Tourism Management, Bachelor of International Hotel and Resort Management, as well as Bachelor of Sport, Recreation and Event Management.

Designed for students who want to take the lead in any business, the management major provides a modern and practical understanding of a career in management. Students will graduate with a theoretical and practical understanding of organisational behaviour, leadership, general management, strategic management, human resource management and business ethics along with vital employability skills which employers are looking for in graduates.

The major is relevant for all line managers and professionals aspiring to be in managerial positions.

Careers
Business Manager, Manager, Management Consultant, Team Leader, Supervisor, Administrator.

Major Structure
MAN1100 Management
MAN2120 Organisational Behaviour
MAN2145 Human Resource Management
MAN3121 Leadership
MAN3503 Strategic Management
MAN3810 Business Ethics

Select two units from the following list:
MAN2020 Logistics
MAN2610 Managing for Sustainability
MAN3705 International Negotiation
MAN3802 Entrepreneurship

Marketing
Availability: Joondalup

This major is also available in our Bachelor of Hospitality and Tourism Management, Bachelor of International Hotel and Resort Management, as well as Bachelor of Sport, Recreation and Event Management.

Students will graduate industry ready with the knowledge required for a career in customer, product, and brand and revenue management. The focus of marketing is to create value for an organisation, its customers, its partners, and society at large. This major gives students the practical skills to research the needs of customers, bring products to market, create and implement a marketing plan, manage channel partners and manage customer satisfaction and loyalty utilising industry standard technology and software.

In order to give students career flexibility and access to global opportunities, the marketing major includes local, national and international contexts, ensuring our students graduate world-ready.

Professional Recognition
Australian Marketing Institute (AMI) have accredited this unit set.

Careers
Marketing Manager, Brand Manager, Customer Relationship Manager, Sales Manager, Business Development Manager, Product Manager, Advertising and Promotions Manager, Market Researcher.

Major Structure
MKT1600 Marketing Principles & Practices
MKT2605 Promotional Marketing
MKT2608 Consumer Behaviour
MKT2700 Retail Marketing
BUS3100 Business Research Practices
MKT3600 New Product Development
MKT3601 Marketing Strategy

Select one unit from the following list:
MKT2805 Social Media Marketing
MKT3606 Current Issues in Marketing

Project Management
Availability: Joondalup

For students looking to pursue a career in managing projects. Whether that be a building project, development of a brand new phone app, launch of a new product, organisational change projects or those in IT services and infrastructure, the project management major gives graduates the skills to succeed.

In this major, students will graduate with the essential skills to be able to effectively manage the planning and execution of any industry project. Students acquire and practice both technical and soft skills through activities and assessments especially designed to ensure they are career-ready when they graduate.

Professional Recognition
Australian Institute of Project Management (AIPM) have endorsed this unit set. The major is only endorsed when taken in the Bachelor of Commerce, Bachelor of Commerce Professional, Bachelor of Business or any associated double degree.

Careers
Project Team Member, Project Officer, Project Manager, Project Scheduler, Project Administrator, Project Support Officer.

Major Structure
MAN2170 Starting up a Project
MAN2172 Planning the Project
MAN3712 Monitoring and Controlling a Project
MAN3714 Managing Project Quality and Risk
MAN3716 Contemporary Issues in Project Management
MAN311S Applied Project Management
MAN3121 Leadership
MAN3810 Business Ethics
## Sport Business

### Availability: Joondalup

Sport not only provides entertainment to hundreds of thousands of people around the world, it is also a multi-million dollar industry. It provides job opportunities for venue managers, marketing managers, finance managers, sport development managers, player managers, health and fitness franchisees, sport business owners and more.

The commercialisation and professionalisation of sport as a global industry has increased demand for university graduates with the knowledge, practical skills and transferable employability skills required to function as business professionals and industry leaders in contemporary sport agencies and organisations, as well as for managing their own sport business.

This major commences with an introduction to the sport industry and focuses on the application of key sport business principles including; marketing, sport delivery systems, strategic and human resource management, funding and finance, legal aspects, sport venue and event management, and business research and planning. It also offers a range of situated learning experiences, including industry practicum placements, and community-interactive project work.

### Practicum Requirement

Students will undertake work placement in one unit in a not-for-profit, incorporated sport organisation/club.

### Clearance and/or Risk Management Protocols Required

Some organisations may require clearances, screenings and certificates, and will liaise directly with students regarding any requirements.

### Non-Standard Timetable

Please note this major has a practicum unit (SPM2111) which is core to the program.

Students will be required to complete a minimum of 20 hours at a host organisation. These hours may be outside normal university hours.

### Careers

Sport Association CEO, Sport Development Manager, Sport Event Manager, Sport Marketing & Sponsorship Manager, Sport Corporate Affairs Manager, Sport Communications Manager, Sport Membership Manager, Sport Club Manager, Player Manager, Sport Business Owner/Manager.

### Major Structure

- SPM2112 Sport Delivery Systems
- SPM2111 Sport Organisation Management
- SPM2510 Marketing and Communications for Sport and Events
- SPM3655 Sport and Events Funding and Finance
- SPM3114 Sport Venues and Events
- SPM3113 Sport and Leisure Law
- BUS3100 Business Research Practices
- SPM3221 Sport Business Planning

## Tourism and Hospitality Management

### Availability: Joondalup

The hospitality and tourism industry is dynamic and fast-paced, presenting graduates with a wide variety of career options to choose from, and this major provides students with the industry-focused theoretical knowledge and skills to succeed. This major equips students with the knowledge and practical skills needed to function as business professionals and industry leaders in contemporary tourism or hospitality organisations. The content delivered in the major covers key aspects required for managing diverse tourism and hospitality businesses including marketing, planning and development, ecotourism, special interest tourism and strategic management. Students also choose specialised electives such as event management and cruise ship tourism to suit their needs and interests.

### Careers

Tour Operator, Visitor Centre Manager, Theme Park Manager, Resort Manager, Cruise Ship Supervisor, Eco-tourism Operator, Tour Guide, Tourist Attraction Manager.

### Major Structure

- MKT1600 Marketing Principles & Practices
- TSM2111 Introduction to Hospitality and Tourism
- TSM2105 Tourism Planning and Development
- TSM3107 Ecotourism
- TSM3109 Special Interest Tourism
- HOS3100 Hospitality and Tourism Management

Select two units from the following list:

- TSM2202 Introduction to Event Management
- TSM3104 Cruise Ship Tourism
- BUS3100 Business Research Practices
- BUS3700 Business Study Tour
**Bachelor of Commerce / Bachelor of Arts (Psychology)**

<table>
<thead>
<tr>
<th><strong>Duration:</strong></th>
<th>4 Years</th>
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</thead>
<tbody>
<tr>
<td><strong>Availability:</strong></td>
<td>Joondalup</td>
</tr>
<tr>
<td><strong>Intake:</strong></td>
<td>February &amp; July</td>
</tr>
<tr>
<td><strong>CRICOS Code:</strong></td>
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<tr>
<td><strong>Annual Indicative Fees:</strong></td>
<td>$33,000</td>
</tr>
<tr>
<td><strong>See more course information:</strong></td>
<td>ecu.edu.au/courses/W25</td>
</tr>
</tbody>
</table>

This combination of business and psychology gives students the knowledge and skills through a multidisciplinary understanding of human behaviour in a corporate environment. Students will gain practical experience and transferable employability skills including leadership, teamwork, critical thinking, communication and problem-solving and will also graduate with a qualification in human resource management as well as in psychology.

**Majors**

- Human Resource Management

**For more details on the majors, see the Bachelor of Commerce (page 66).**

**Practicum Option**

Students will work on pre-defined learning outcomes in a public, private or not-for-profit organisation. This will enable students to develop a broad range of work-related skills that will enhance their graduate capabilities. Students will also be required to take significant responsibility for their own learning outcomes. Host organisations will be secured through the Work Placement Coordinator, or as a result of pre-approved networking and contacts developed by the student.

**Professional Recognition**

Australian Psychology Accreditation Council (APAC) have accredited this course.

**Careers**

Human Resources Manager, Human Resources Consultant, Recruitment Officer, Training & Development Officer, Employment Relations Officer, Organisational Development Consultant, Management Consultant, Recruitment Consultant, Organisational Psychologist, Human Resource Case Manager.

**Course Structure**

Students are required to complete 32 units:

- 16 Commerce Units
  - 7 Core Units
  - 8 Human Resource Management Major Units
  - 1 Elective Unit
- 16 Psychology Units

Visit ecu.edu.au/courses/W25 for more details.

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**Bachelor of Hospitality and Tourism Management**

<table>
<thead>
<tr>
<th><strong>Duration:</strong></th>
<th>3 Years</th>
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</thead>
<tbody>
<tr>
<td><strong>Availability:</strong></td>
<td>Joondalup</td>
</tr>
<tr>
<td><strong>Intake:</strong></td>
<td>February &amp; July</td>
</tr>
<tr>
<td><strong>CRICOS Code:</strong></td>
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</tr>
<tr>
<td><strong>Annual Indicative Fees:</strong></td>
<td>$31,550</td>
</tr>
<tr>
<td><strong>See more course information:</strong></td>
<td>ecu.edu.au/courses/K93</td>
</tr>
</tbody>
</table>

Covers the key aspects required for managing diverse hospitality and tourism businesses including marketing, financial management, business research and analytics, and strategic management. It also features specialised units in food and beverage management, rooms division management, tourism planning and development, ecotourism, managing the service experience and event management.

Students can further specialise their studies with a stronger focus in various fields, such as event management, marketing, human resource management, and international business.

The hospitality and tourism industry is dynamic and fast-paced, presenting graduates with a wide variety of career options to choose from, and the course provides students the industry-focused theoretical knowledge and skills to succeed.

Graduates will gain the essential competencies and professional perspectives required by middle and senior levels of management in contemporary hospitality and tourism organisations.

**Majors**

- Event Management • Human Resource Management • International Business • Management • Marketing

**For more details on the majors, see the Bachelor of Commerce (page 66).**

**Practicum Option**

The ECU Business Placement program provides students with a unique opportunity to gain valuable real-world experience in a public, private or not-for-profit organisation. This enables students to gain relevant work experience, allowing them to develop professional networks, practice applying theory learned during their degree, develop skills and capabilities required to succeed in their chosen profession, and gain a better understanding of the nature of employment and professional conduct in their chosen industry.

**Careers**

Tour Operator, Visitor Centre Manager, Theme Park Manager, Cruise Ship Supervisor, Eco-tourism Operator, Tour Guide, Tourist Attraction Manager, Retail Travel and Tour Operation Manager, Events Coordinator.
Course Structure
Students are required to complete 24 units:

- 16 Core Units
- 8 Major / Minor / Elective Units

Year 1

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBL1600</td>
<td>Business Identity and Protocols</td>
</tr>
<tr>
<td>HOS2500</td>
<td>Food Service Management</td>
</tr>
<tr>
<td>TSM2111</td>
<td>Introduction to Hospitality and Tourism</td>
</tr>
<tr>
<td>MKT1600</td>
<td>Marketing Principles &amp; Practices</td>
</tr>
<tr>
<td>HOS2325</td>
<td>Managing the Service Experience</td>
</tr>
<tr>
<td>HOS2110</td>
<td>Food and Beverage Management</td>
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<td>Major /</td>
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<td>Minor /</td>
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Year 2

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<tr>
<th>Unit Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>HOS2220</td>
<td>Rooms-Division Management</td>
</tr>
<tr>
<td>TSM2202</td>
<td>Introduction to Event Management</td>
</tr>
<tr>
<td>TSM2105</td>
<td>Tourism Planning and Development</td>
</tr>
<tr>
<td>TSM3109</td>
<td>Special Interest Tourism</td>
</tr>
<tr>
<td>HOS3211</td>
<td>Management of Hospitality Finance</td>
</tr>
<tr>
<td>Major /</td>
<td>2 x Major / Minor / Elective Units</td>
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<tr>
<td>Minor /</td>
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<tr>
<td>Elective</td>
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Select one unit from the following list:

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOS3320</td>
<td>Hospitality Facilities Management</td>
</tr>
<tr>
<td>TSM3104</td>
<td>Cruise Ship Tourism</td>
</tr>
<tr>
<td>BUS3700</td>
<td>Business Study Tour</td>
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</tbody>
</table>

Year 3

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>BUS3100</td>
<td>Business Research Practices</td>
</tr>
<tr>
<td>HOS3100</td>
<td>Hospitality and Tourism Management</td>
</tr>
<tr>
<td>TSM3107</td>
<td>Ecotourism</td>
</tr>
<tr>
<td>Major /</td>
<td>4 x Major / Minor / Elective Units</td>
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<td>Minor /</td>
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<tr>
<td>Elective</td>
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Select one unit from the following list:

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBL3501</td>
<td>Business Practicum</td>
</tr>
<tr>
<td>SBL3500</td>
<td>Integrated Business Application</td>
</tr>
</tbody>
</table>

Bachelor of International Hotel and Resort Management

Duration: 3 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 077125F
Annual Indicative Fees: $31,550

An industry-based course designed to provide students with the essential knowledge, competencies and professional perspectives required by management in contemporary hotel and resort organisations. The course provides an overview of the hotel and resort sector in the context of the broader tourism and hospitality industries, as well as focusing on the application of key aspects of marketing, service management, financial management, research methods, and strategic management.

Specialist units focus upon areas including food and beverage management, rooms division management, international resort and facilities management, and contemporary hospitality and tourism issues.

Students can also choose electives such as beverage appreciation, business events management, cruise ship tourism and/or special interest tourism to suit their career path.

Majors
- Event Management • Human Resource Management
- International Business • Management • Marketing

For more details on the majors, see the Bachelor of Commerce (page 66).

Internship Option
Students have the opportunity to complete a one-semester internship placement with leading hotels in Perth, ensuring they graduate industry ready and have the competitive edge and confidence when entering the employment market.

There are attendance requirements for this internship.

Careers
Hotel Manager, Resort Manager, Integrated Resort Manager, Food and Beverage Manager, Rooms Division Manager, Front Office Manager, Hotel Sales Manager, Restaurant Manager, Café Manager.
Course Structure
Students are required to complete 24 units:
- 16 Core Units
- 8 Major / Minor / Elective Units

Year 1
- SBL1600 Business Identity and Protocols
- TSM2111 Introduction to Hospitality and Tourism
- HOS2500 Food Service Management
- MKT1600 Marketing Principles & Practices
- ACC1100 Accounting I
- HOS2110 Food and Beverage Management
- Major / Minor / Elective 2 x Major / Minor / Elective Units

Year 2
- HOS2220 Rooms-Division Management
- TSM3105 Contemporary Issues in Tourism and Hospitality
- HOS3320 Hospitality Facilities Management
- HOS2325 Managing the Service Experience
- HOS3211 Management of Hospitality Finance
- Major / Minor / Elective 2 x Major / Minor / Elective Units

Select one unit from the following list:
- HOS2112 Beverage Appreciation
- TSM3104 Cruise Ship Tourism
- TSM3109 Special Interest Tourism
- TSM3500 Business Events Management
- BUS3700 Business Study Tour

Year 3
- TSM3101 International Resort Management
- BUS3100 Business Research Practices
- HOS3100 Hospitality and Tourism Management
- Major / Minor / Elective 4 x Major / Minor / Elective Units

Select one unit from the following list:
- FBL3501 Business Practicum
- SBL3500 Integrated Business Application

BACHELOR OF LAWS

Duration: 4 Years
Availability: Joondalup
Intake: February
CRICOS Code: 053990G
Annual Indicative Fees: $31,550
See more course information: ecu.edu.au/courses/V72

For students seeking a career in law, this course equips them with skills for the courtroom and beyond, providing greater scope and options for a rewarding career in the legal, corporate, commercial and social justice fields. Students can add value to their degree by selecting elective units in specialised areas of law. Students may also participate in the Law Society Peer Mentoring Program, The Law Access Program and international mooting competitions to give them real world experience and the competitive edge in the job market.

Additional Admission Requirements
Assessed on a case-by-case basis.

Work Experience Option
Students have an opportunity to gain practical experience at the on-campus Northern Suburbs Community Legal Centre.

Professional Recognition
Legal Practice Board of Western Australia (LPBWA) have accredited this course.

Professional Registration
Students will need to graduate to be eligible to register with the LPBWA. Registration with the LPBWA is required to practice in the profession.

Careers
Lawyer, Barrister, Solicitor, Legal Practitioner, Courts Administrator, Civil Service Administrator, Tax Inspector, In-house/Community Legal Adviser, Legal Publisher.

Awarded Honours
Bachelor of Laws Honours

Course Structure
Students are required to complete 32 units:
- 22 Core Units
- 10 Elective Law Units

Year 1 – Semester 1
- LAW1116 Legal Process
- LAW1111 Contract Law I
- LAW1117 Torts I
- LAW1600 Legal Writing and Research

Year 1 – Semester 2
- LAW1212 Contract Law II
- LAW1218 Torts II
- Elective 2 x Law Elective Units
## Year 2 - Semester 1

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>LAW1113</td>
<td>Criminal Law I</td>
</tr>
<tr>
<td>LAW2102</td>
<td>Property Law I</td>
</tr>
<tr>
<td>LAW2104</td>
<td>Constitutional Law I</td>
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## Year 2 - Semester 2

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<tr>
<th>Course Code</th>
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<tr>
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<td>Criminal Law II</td>
</tr>
<tr>
<td>LAW2312</td>
<td>Property Law II</td>
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<td>LAW2314</td>
<td>Constitutional Law II</td>
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## Year 3 - Semester 1

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>LAW2350</td>
<td>Administrative Law</td>
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<tr>
<td>LAW3855</td>
<td>Human Rights Law</td>
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<tr>
<td>LAW3103</td>
<td>Equity</td>
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## Year 3 - Semester 2

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<tbody>
<tr>
<td>LAW3106</td>
<td>Evidence</td>
</tr>
<tr>
<td>LAW3107</td>
<td>Law of Trusts</td>
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<td>Elective Unit</td>
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## Year 4 - Semester 1

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>LAW4604</td>
<td>Civil Procedure I</td>
</tr>
<tr>
<td>LAW3102</td>
<td>Corporations Law</td>
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<td>Elective Unit</td>
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## Year 4 - Semester 2

<table>
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<tbody>
<tr>
<td>LAW4614</td>
<td>Civil Procedure II</td>
</tr>
<tr>
<td>LAW4704</td>
<td>Legal Ethics and Professional Responsibility</td>
</tr>
<tr>
<td>LAW4625</td>
<td>Statutory Interpretation</td>
</tr>
<tr>
<td>Elective Unit</td>
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</table>

## Electives
Select 10 elective units from any of the following streams:

### Criminal Law/Social Justice Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>CRI3120</td>
<td>Aboriginal Australians in the Criminal Justice System</td>
</tr>
<tr>
<td>LAW2345</td>
<td>Jurisprudence</td>
</tr>
<tr>
<td>LAW2605</td>
<td>Security and the Law</td>
</tr>
<tr>
<td>LAW3105</td>
<td>Alternative Dispute Resolution</td>
</tr>
<tr>
<td>LAW3600</td>
<td>Coronial Law and Mortuary Practice</td>
</tr>
<tr>
<td>LAW3602</td>
<td>Community Legal Practice</td>
</tr>
<tr>
<td>LAW3650</td>
<td>National and International Mooting Competitions</td>
</tr>
<tr>
<td>LAW3700</td>
<td>Supervised Legal Research Paper</td>
</tr>
<tr>
<td>LAW3788</td>
<td>Contemporary Legal Issues in Australia and Beyond</td>
</tr>
<tr>
<td>LAW4108</td>
<td>International Law</td>
</tr>
<tr>
<td>LAW4130</td>
<td>Innocence Project</td>
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<tr>
<td>LAW4206</td>
<td>Advanced Criminal Law</td>
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### Commercial Law Electives

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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>LAW2106</td>
<td>Intellectual Property Law</td>
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<tr>
<td>LAW2601</td>
<td>Planning and Development Law I</td>
</tr>
<tr>
<td>LAW3105</td>
<td>Alternative Dispute Resolution</td>
</tr>
<tr>
<td>LAW3109</td>
<td>Taxation Law</td>
</tr>
<tr>
<td>LAW3201</td>
<td>Law of Banking and Credit III</td>
</tr>
<tr>
<td>LAW3221</td>
<td>Trade Practices, Competition and Consumer Protection Law</td>
</tr>
<tr>
<td>LAW3405</td>
<td>Law of Corporate Insolvency and External Administration</td>
</tr>
<tr>
<td>LAW3608</td>
<td>Advanced Taxation Law</td>
</tr>
<tr>
<td>LAW3650</td>
<td>National and International Mooting Competitions</td>
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<td>LAW3700</td>
<td>Supervised Legal Research Paper</td>
</tr>
<tr>
<td>LAW3788</td>
<td>Contemporary Legal Issues in Australia and Beyond</td>
</tr>
<tr>
<td>LAW4110</td>
<td>International Trade Law</td>
</tr>
<tr>
<td>LAW4601</td>
<td>Mining and Resource Law</td>
</tr>
<tr>
<td>LAW4609</td>
<td>Remedies</td>
</tr>
<tr>
<td>LAW4620</td>
<td>Commercial Practice, Conveyancing and Drafting</td>
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<tr>
<td>FBL3501</td>
<td>Business Practicum</td>
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</table>
Government/Private Law Electives
LAW2105  Employment Law
LAW2602  Environmental Law and Administration
LAW3105  Alternative Dispute Resolution
LAW3602  Community Legal Practice
LAW3650  National and International Mooting Competitions
LAW3700  Supervised Legal Research Paper
LAW3788  Contemporary Legal Issues in Australia and Beyond
LAW4108  International Law
LAW4607  Family Law

BACHELOR OF LAWS (GRADUATE ENTRY)
Duration: 3 Years
Availability: Joondalup
Intake: February
CRICOS Code: 083400G
Annual Indicative Fees: $31,550
See more course information: ecu.edu.au/courses/Y11

This degree enables those with a Bachelors degree in other disciplines to complete a Bachelor of Laws in three years of full-time study. For students seeking a career in law, this course equips them with skills for the courtroom and beyond, providing greater scope and options for a rewarding career in the legal, corporate, commercial and social justice fields.

Students can add value to their degree by selecting elective units in specialised areas of law. Students may also participate in the Law Society Peer Mentoring Program, The Law Access Program and international mooting competitions to give them real world experience and the competitive edge in the job market.

Additional Admission Requirements
Bachelor or Masters degree in any discipline. Alternatively, applicants can have a Graduate Certificate or Graduate Diploma, where in the opinion of the Course Coordinator, the student has appropriate experience/achievements since graduation to qualify them for admission to the course.

Work Experience Option
Students have the opportunity to gain practical experience at the on-campus Northern Suburbs Community Legal Centre.

Professional Recognition
Legal Practice Board of Western Australia (LPBWA) have accredited this course.

Professional Registration
Students will need to graduate to be eligible to register with the LPBWA. Registration with the LPBWA is required to practice in the profession.

Careers
Lawyer, Barrister, Solicitor, Legal Practitioner, Judge’s Associate, In-house Counsel, Community Legal Adviser, Government Legal Officer.

Awarded Honours
Bachelor of Laws Honours

Course Structure
Students are required to complete 32 units:
- 22 Core Units
- 2 Elective Law Units

Year 1 – Semester 1
LAW1111  Contract Law I
LAW1113  Criminal Law I
LAW1116  Legal Process
LAW1117  Torts I
LAW1600  Legal Writing and Research

Year 1 – Semester 2
LAW1212  Contract Law II
LAW1214  Criminal Law II
LAW1218  Torts II

Year 2 – Semester 1
LAW2102  Property Law I
LAW2104  Constitutional Law I
LAW2350  Administrative Law
LAW3103  Equity

Year 2 – Semester 2
LAW2312  Property Law II
LAW2314  Constitutional Law II
LAW3106  Evidence
LAW3107  Law of Trusts

Year 3 – Semester 1
LAW3102  Corporation Law
LAW3855  Human Rights Law
LAW4604  Civil Procedure I
Elective 1 x Elective Unit

Year 3 – Semester 2
LAW4614  Civil Procedure II
LAW4625  Statutory Interpretation
LAW4704  Legal Ethics and Professional Responsibility
Elective 1 x Elective Unit
This double degree provides students with the theory, practical experience and employability skills, including leadership, teamwork, critical thinking, communication and problem-solving, required for employment in a wide range of professions. Students can study two degrees in five years and will graduate not only job ready but industry ready.

The majors included in this course were created in consultation with industry and many are professionally recognised and accredited with the relevant industry bodies. Students also benefit from practical work based industry experience, networking opportunities and career portfolio development.

The course equips students with skills for the courtroom and beyond, providing greater scope and options for a rewarding career in the legal, corporate, commercial and social justice fields.

Students can also add value to their law degree by selecting elective units in specialised areas of law. Students may also participate in the Law Society Peer Mentoring Program, The Law Access Program and international mooting competitions to give them real world experience and the competitive edge in the job market.

### Additional Admission Requirements
Assessed on a case-by-case basis.

### Commerce Majors
- Accounting
- Event Management
- Finance
- Hotel Management
- Human Resource Management
- International Business
- Management
- Marketing
- Project Management
- Sport Business

### Commerce Work Experience Option
The ECU Business Placement program provide students with a unique opportunity to gain valuable real-world experience in a public, private or not-for-profit organisation. This enables students to gain relevant work experience, allowing them to develop professional networks, practice applying theory learned during their degree, develop skills and capabilities required to succeed in their chosen profession, and gain a better understanding of the nature of employment and professional conduct in their chosen industry.
**BACHELOR OF LAWS / BACHELOR OF PSYCHOLOGICAL SCIENCE**

**Duration:** 5 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 063466M  
**Annual Indicative Fees:** $41,200  
See more course information: [ecu.edu.au/courses/K58](http://ecu.edu.au/courses/K58)

Students graduate not only job ready but industry ready. This accredited degree is ideal for students looking to pursue a career in law but who also have an interest in human behaviour. For students seeking a career in law, the course equips them with skills for the courtroom and beyond, providing greater scope and options for a rewarding career in the legal, corporate, commercial and social justice fields.

Students can add value to their law degree by selecting elective units in specialised areas of law. Students may also participate in the Law Society Peer Mentoring Program, The Law Access Program and international mooting competitions to give them real world experience and the competitive edge in the job market.

The Bachelor of Psychological Science focuses on issues of social change, group processes, group management, and cross-cultural psychology.

**Additional Admission Requirements**  
Assessed on a case-by-case basis.

**Work Experience Option**  
Students have the opportunity to gain practical experience at the on-campus Northern Suburbs Community Legal Centre.

**Professional Recognition**  
Australian Psychology Accreditation Council (APAC) have accredited this course. Legal Practice Board of Western Australia (LPBWA) have accredited this course.

**Professional Registration**  
Students will need to graduate to be eligible to register with the LPBWA. Registration with the LPBWA is required to practice in the profession.

**Careers**  
Psychologist, Lawyer, Solicitor, Legal Practitioner, Community Legal Adviser, Legal Publisher, Local Government Officer.

**Awarded Honours**  
Bachelor of Laws Honours/Bachelor of Psychological Science

**Course Structure**  
Students are required to complete 48 units:  
- 22 Core Law Units  
- 10 Law Elective Units  
- 16 Core Psychological Science Units

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**BACHELOR OF MARKETING, ADVERTISING AND PUBLIC RELATIONS**

**Duration:** 3 Years  
**Availability:** Joondalup + Mount Lawley  
**Intake:** February & July  
The Marketing units are available on the Joondalup Campus, and the Advertising and Public Relations units are available on the Mount Lawley Campus.  
**CRICOS Code:** 077130J  
**Annual Indicative Fees:** $30,750  
See more course information: [ecu.edu.au/courses/Y99](http://ecu.edu.au/courses/Y99)

Study a degree with a unique blend of marketing, advertising and public relations, in state-of-the-art facilities and utilising industry standard technology. The combination of marketing, advertising and public relations allows students to diversify their creative skills and strategic business management knowledge, as well as gaining the employability skills, including critical thinking, teamwork, communication and problem-solving, needed for a successful career in industry.

Marketing is directed towards the creation of best satisfying products and the building of successful brands. This course provides students with the marketing skills and knowledge required to analyse customer needs, identify organisational objectives, market conditions and existing product offerings, and enables them to design, develop, and evaluate a marketing action plan. Advertising combines art, science and strategy, in addition with Public Relations which develops communications practice in a variety of contexts.

Students will gain the skills required to attract new customers, retain existing customers and to enhance the relationship with the product, brand, or organisation. Students will gain practical experience in both traditional and digital media and create portfolios that showcase their talents.

**Professional Recognition**  
Australian Marketing Institute (AMI) have accredited this course.

**Careers**  
Marketing Manager, Brand Manager, Product Manager, Business Development Manager, Market Researcher, Media Planner, Advertising and Promotions Manager, Copywriter, Desktop Publisher.

**Course Structure**  
Students are required to complete 24 units:  
- 8 Marketing Core Units  
- 6 Advertising Core Units  
- 6 Public Relations Core Units  
- 4 Elective Units
### Marketing Core Units
- MKT1600 Marketing Principles & Practices
- MKT2605 Promotional Marketing
- MKT2608 Consumer Behaviour
- MKT2700 Retail Marketing
- BUS3100 Business Research Practices
- MKT3600 New Product Development
- MKT3601 Marketing Strategy

Select one unit from the following list:
- MKT2805 Social Media Marketing
- MKT3606 Current Issues in Marketing

### Advertising Core Units
- ADV1116 Foundations of Advertising
- ADV2102 Creative Strategy: Process and Execution
- ADV2107 Strategic Branding
- ADV3112 International Advertising
- ADV3125 Advertising Practice
- ADV3406 Media Buying and Planning

### Public Relations Core Units
- PRN2110 Foundations of Public Relations
- PRN2124 Public Relations Event Management
- PRN2225 Media Relations
- PRN3150 Public Relations: Fashion, Music and the Arts
- PRN3160 Social and Online Media Strategies
- PRN3223 Corporate Communication, Issues and Crises

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**BACHELOR OF SPORT, RECREATION AND EVENT MANAGEMENT**

Duration: 3 Years  
Availability: Joondalup  
Intake: February & July  
CRICOS Code: 083403E  
Annual Indicative Fees: $31,550

See more course information: [ecu.edu.au/courses/Y53](http://ecu.edu.au/courses/Y53)

Sport, recreation and events provide not only health, fitness and entertainment benefits to people world-wide, they comprise a multi-million dollar sector which generates employment for sport development managers, event managers, and more. This course commences with an introduction to the sport, recreation and event sector and focuses on the key aspects of sport delivery systems, event management, leadership and programming, culture and professional identity development, sport and recreation facilities and services management, strategic and human resource management, marketing and communications, funding and finance, sport venue management, event operations management, legal aspects, and business research and planning. Students also undertake a range of professional industry practice opportunities, and community-interactive project work in the relevant industries.

Students have the opportunity to further specialise their studies with a stronger industry focus in various fields, such as marketing, sports science, human resource management, public relations, or tourism and hospitality management.

Students graduate ready to enter the fast-paced and dynamic sport, recreation and events sector, having learnt the industry-focused theoretical knowledge and practical skills required to succeed.

**Majors**
- Human Resource Management  
- Management  
- Sports Science  
- Tourism and Hospitality Management

For more details on the majors, see the Bachelor of Commerce (page 66) or the Bachelor of Science (page 171) for the Sports Science major.

**Practicum Requirement**

Students will undertake work placement in three units in a sport or recreation programming setting, a not-for-profit, incorporated sport organisation/club and a staffed recreation/leisure facility.

**Careers**

Sport and Recreation Event Manager, Recreation Services Manager, Sport Association CEO, Sport Development Manager, Sport Marketing and Sponsorship Manager, Sport Corporate Affairs Manager, Sport Communications Manager, Sport Membership Manager, Sport Club Manager.
Course Structure
Students are required to complete 24 units:
• 16 Core Units
• 8 Major / Minor / Elective Units

Year 1
SPM1001 Introduction to Recreation
SPM1102 Sport and Recreation Leadership and Programming
SPM2112 Sport Delivery Systems
SBL1600 Business Identity and Protocols
TSM2202 Introduction to Event Management
SPM2111 Sport Organisation Management
Major / Minor / Elective 2 x Major / Minor / Elective Units

Year 2
SPM2104 Managing Recreation Services and Facilities
SPM3655 Sport and Events Funding and Finance
SPM3113 Sport and Leisure Law
HOS2325 Managing the Service Experience
SPM2510 Marketing and Communications for Sport and Events
SPM3114 Sport Venues and Events
Major / Minor / Elective 2 x Major / Minor / Elective Units

Year 3
BUS3100 Business Research Practices
SPM3221 Sport Business Planning
TSM3501 Event Operations Management
Major / Minor / Elective 4 x Major / Minor / Elective Units

Select one unit from the following list:
SBL3500 Integrated Business Application
FBL3501 Business Practicum
**GRADUATE CERTIFICATE OF BUSINESS**

**Duration:** 0.5 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 079480D  
**Annual Indicative Fees:** $14,400  
See more course information: [ecu.edu.au/courses/L95](http://ecu.edu.au/courses/L95)

Suited for professionals with no formal qualifications to enhance their knowledge in business and management. Also designed as an introduction to the Graduate Diploma of Business and subsequently, the Master of Business Administration (MBA), the Graduate Certificate of Business covers topics including the management of people and organisations, together with marketing and integrated principles relating to economics, finance and accounting practice.

Participants will be exposed to the relevant theory and knowledge in each area, with learning consolidated through research and case study material in seminars, discussions and assigned project work.

**Careers**

Business Analyst, Operations Manager, Executive General Manager, Strategic Manager, Data Analyst, Business Development Manager, Researcher.

**Course Structure**

Students are required to complete 3 units.

- FBL5010 Managing People and Organisations
- FBL5020 Marketing Leadership
- FBL5030 Fundamentals of Value Creation in Business

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**GRADUATE DIPLOMA OF BUSINESS**

**Duration:** 1 Year  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 092815K  
**Annual Indicative Fees:** $29,900  
See more course information: [ecu.edu.au/courses/L96](http://ecu.edu.au/courses/L96)

This course can lead into the Master of Business Administration (MBA) and is designed to give students the skills and knowledge needed to manage successfully in today’s organisations. With flexible study options, the Graduate Diploma of Business builds on knowledge including people management, marketing, professional development and value creation in a business.

Graduates will be able to make independent judgments and provide sustainable solutions to contemporary global business issues.

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**MASTER OF BUSINESS ADMINISTRATION INTERNATIONAL**

**Duration:** 2 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 079116B  
**Annual Indicative Fees:** $29,900  
See more course information: [ecu.edu.au/courses/L94](http://ecu.edu.au/courses/L94)

Develops highly skilled global managers and leaders in an international business context, who can contribute to organisations in an effective and responsible manner. In today’s globally competitive environment, it is essential to build organisational capability by creating a climate and culture conducive to innovation and advancement. The course provides students with the ability to respond to challenging situations in complex and modern organisations. It also builds and further develops problem-solving skills, and effective interpersonal and relationship management skills.

**Specialisations**

- Cyber Security Studies  
- Engineering Management  
- Entrepreneurship and Innovation  
- Environmental Management  
- Finance  
- Hospitality Management  
- Human Resource Management  
- Information Systems  
- International Business  
- Marketing  
- Professional Internship  
- Project Management  
- Supply Chain and Logistics Management

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**Additional Admission Requirements**

Bachelor’s degree or equivalent prior learning, including at least five years of appropriate professional experience, with equivalents considered. Alternatively, applicants can have a Graduate Certificate in Business, with equivalents considered.

**Careers**

Business Analyst, Operations Manager, Executive General Manager, Strategic Manager, Data Analyst, Business Development Manager, Researcher.

**Course Structure**

Students are required to complete 6 units:

- 5 Core Units  
- 1 Elective Unit

**Year 1 – Semester 1**

- FBL5010 Managing People and Organisations  
- FBL5020 Marketing Leadership  
- FBL5030 Fundamentals of Value Creation in Business

**Year 1 – Semester 2**

- MBA6010 Responsible Management  
- MBA6020 Personal and Professional Development  
- Elective 1 x Elective Unit
Additional Admission Requirements
One or more of the specialisations in this course has admission requirements; refer to the specialisation for more information.

Non-Standard Timetable
Some specialisations can only be studied on-campus or online. Students should refer to the delivery options listed against each specialisation for further details.

Project Management will be the only specialisation offered on-campus at the Melbourne and Sydney campuses.

Careers
Manager, Managing Director, Chief Information Officer, Analyst, Environmental Manager, Finance and Banking Manager, Government, Healthcare Manager, Human Resources Manager.

Course Structure
Students are required to complete 12 units:
• 9 Core Units
• 3 Specialisation / 3 Elective Units

Core Units
FBL5010 Managing People and Organisations
FBL5020 Marketing Leadership
FBL5030 Fundamentals of Value Creation in Business
MBA6115 Business in a Global Context
MBA6125 Financing of International Trade
MBA6130 Effective Workplace Participation
MBA6140 Strategic Leadership & Stakeholder Management
MBA6150 Working Across Cultures
MBA6090 Entrepreneurship, Innovation and Creativity

SPECIALISATIONS

Cyber Security Studies
Availability: Joondalup or Melbourne or Sydney
This specialisation is also offered in our Master of Business Administration (MBA).

This specialisation is among the first of its kind in Australia, bridging this gap and preparing business professionals to tackle industry’s cyber security challenges. Offered by a university which is recognised as a Cyber Security Centre of Excellence, graduates will be employable by businesses from various industries which are looking for sustainable growth while minimising their digital risk and enhancing their technological readiness.

This specialisation develops student knowledge and provides graduates with exposure to contemporary cyber security issues and effective mitigation strategies, thereby preparing graduates for best practices when working within a business orientated environment.

Entrepreneurship and Innovation
Availability: Joondalup
This specialisation is also offered in our Master of Business Administration (MBA).

This postgraduate specialisation is designed for students who wish to advance their learning in entrepreneurship and innovation. It offers graduates and experienced professionals the opportunity to acquire skills and knowledge to become an entrepreneurial manager of either a new or established business.

Participants are exposed to up-to-date developments in theory and knowledge in each area, and learning is consolidated through research and case study material in seminars, discussions and assigned project work.

You will learn how to deal with uncertainty, manage innovation and improve the business through the application of best practice methods of entrepreneurship, innovation and new product development.

Engineering Management
Availability: Joondalup
Engineering managers are in strong demand in the global workforce, combining management expertise with engineering knowledge to lead specialist teams in the delivery of highly technical project works.

This postgraduate specialisation provides students with a broad set of complementary skills in engineering management, site management, environmental and risk management, and maintenance management principles for the sustainment of high value assets.

Additional Admission Requirements
Bachelor of Engineering or a Bachelor of Technology degree prior to enrolling into this unit set, with equivalents considered.

Careers
Engineering Manager, Project Manager, Project Engineer, Site Manager, Site Engineer, Construction Management Engineer, Industrial Management Engineer.

Major Structure
ENSS161 Environmental and Process Risk Management
ENSS6138 Principles of Industrial Maintenance
ENSS112 Construction Site Management
ENSS543 Engineering Management


Major Structure
CSI5122 Computer Security
CSI5133 Information Security
CSG5126 Introductory Computer Forensics
Elective 1 x Elective Unit
Careers
Entrepreneur, Innovation manager, Technology manager, New Product Development manager, Corporate Innovator, Research and Commercialisation Manager.

Major Structure
MANS874 Current Issues in Entrepreneurship and Innovation
MKT6304 New Product Development
BUS6500 Management Project

Environmental Management
Availability: Online
This specialisation is also offered in our Master of Business Administration (MBA).

The specialisation develops student knowledge and skills in environmental management and provides an understanding of some of the key evaluation and reporting tools used in contemporary environmental practice. Graduates of the MBA with the Environmental Management specialisation can broaden their employment opportunities into the environmental, resources and primary industry sectors.

Major Structure
SCI5250 Environmental Impact Assessment Procedures
SCI6103 Environmental Management Systems and Auditing

or

SCI5170 Sustainability Assessment and Reporting
SCI5105 Catchment Health

Finance
Availability: Joondalup
This specialisation is also offered in our Master of Business Administration (MBA).

Equips students with technical knowledge in corporate, investment and banking finance; enhancing their managerial capabilities. Graduates can broaden employment opportunities into the financial services, insurance and banking sectors. The financial services industry demands graduates who can think critically and have an analytical approach to problem solving; attributes that students will develop through this specialisation.

Additional Admission Requirements
Undergraduate degree in an area other than finance and banking.

Careers
Bank Manager, Investment Advisor, Financial Officer, Lending Officer, Paraplanner.

Major Structure
Specialisation Core Unit
ECF6110 Business Finance

Select two units from the following list:
ECF6115 Financial Markets and Institutions
ECF6120 Credit and Lending Decisions
ECF6125 Risk Management in Banking
ECF6130 Financial Analysis and Modelling
ECF6135 Investment Management

Hospitality Management
Availability: Joondalup
This specialisation is also offered in our Master of Business Administration (MBA).

This specialisation provides students with the skills and knowledge required for a career in senior hospitality management. There is a strong global demand for university graduates with leadership, analytical and practical skills for managerial positions in the hospitality sector. This specialisation equips students with the skills, theory and knowledge, to function as business professionals and industry leaders in contemporary hospitality organisations and venues, as well as for managing their own hospitality business.

It focuses on the management of hospitality enterprises, and the business events sector, with a particular emphasis on the management of people (staff and customer contexts), marketing, and current operational and strategic issues impacting the sector.

Careers
Hotel Manager, Restaurant Manager, Hospitality Business Manager, Food & Beverage Manager, Front Office Manager, Resort Manager, Convention Centre Manager, Event Operations Manager, Hospitality Services Manager, Catering and Food Services Manager.

Major Structure
HOS6504 Global Hospitality Operations Management
HOS6502 Current Issues in Hospitality
FBL6530 Business Events Management
Human Resource Management

Availability: Joondalup

This specialisation is also offered in our Master of Business Administration (MBA) as well as our Master of International Hospitality Management.

Develops student knowledge and skills in people management and provides an understanding of people management challenges within contemporary organisations.

Students in this specialisation will graduate as business-driven HR professionals, with expertise in people management.

Non-Standard Timetable

Some of the units within this specialisation are offered in intensive mode, which involves four full days on-campus (2 x two-day sessions scheduled on a Friday and Saturday) in conjunction with online discussion and support.

Major Structure

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>MAN5730</td>
<td>HRM Fundamentals</td>
</tr>
</tbody>
</table>

Select two units from the following list:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>MAN6702</td>
<td>Attracting and Retaining People</td>
</tr>
<tr>
<td>MAN6704</td>
<td>Managing and Rewarding Employee Performance</td>
</tr>
<tr>
<td>MAN6706</td>
<td>Developing Individuals, Leaders and Organisations</td>
</tr>
<tr>
<td>MAN6708</td>
<td>Managing Employment Relations</td>
</tr>
</tbody>
</table>

Information Systems

Availability: Joondalup

This specialisation is also offered in our Master of Business Administration (MBA) as well as our Master of International Hospitality Management.

Focuses on the increasingly important interface between business and technology as effective use of Information Technology (IT) becomes increasingly critical to organisational success. This interface between the IT professional and the business professional is becoming less defined as the business professional is required to have a good understanding of Information and Communications Technology (ICT).

Careers


Major Structure

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MAN5901</td>
<td>Information Systems Challenges in Management</td>
</tr>
<tr>
<td>MAN5902</td>
<td>Business Systems Analysis</td>
</tr>
<tr>
<td>MAN6910</td>
<td>Business Process Management</td>
</tr>
</tbody>
</table>

International Business

Availability: Joondalup

This specialisation is also offered in our Master of Business Administration (MBA) as well as our Master of International Hospitality Management.

This specialisation exposes students to international business theory and complements this with direct engagement to real world cases, practices and environments. It provides a balance of business management practices that are applicable in multicultural and international environments. It focuses on international business development and includes extensive coverage of Asia, the USA and Latin America.

Cultural sensitivity, business relationship management, FDI, negotiation, entrepreneurship, HRM, logistics, strategy, ethics and research techniques are covered. Students are prepared to achieve in complex, competitive and dynamic global business environments.

Students gain critical thinking, teamwork, cultural intelligence, problem solving and effective communication skills to enable them to work across international business sectors.

Employment Opportunities

Graduates are effective, internationally focused business professionals who have the skill, ability and business acumen to achieve success in modern international operations.

Major Structure

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>MAN6501</td>
<td>Effective International Negotiation</td>
</tr>
<tr>
<td>MAN6502</td>
<td>Conducting Business in Asia</td>
</tr>
<tr>
<td>MAN6503</td>
<td>The Global Economy and Multinational Enterprise</td>
</tr>
</tbody>
</table>

Marketing

Availability: Joondalup

This specialisation is also offered in our Master of Business Administration (MBA) as well as our Master of International Hospitality Management.

Provides students with the skills and knowledge required for a career in customer, product, brand and revenue management. The focus of marketing is to create value for an organisation, their customer, their partners, and society at large. Marketers research the needs of customers, bring products to market, manage channel partners, and manage customer satisfaction and loyalty. This specialisation equips students with the skills, theory, and practical experience to audit a market, identify opportunities, and create, implement and manage a marketing plan. It also explores marketing at a local, national, and international level.

Major Structure

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>MKT6300</td>
<td>Consumer Behaviour</td>
</tr>
<tr>
<td>MKT6302</td>
<td>Promotional Marketing</td>
</tr>
<tr>
<td>MKT6308</td>
<td>Current Issues in Marketing</td>
</tr>
</tbody>
</table>
Professional Internship

Availability: Joondalup

This specialisation is also offered in our Master of Business Administration (MBA) as well as our Master of International Hospitality Management.

Provides students with a unique opportunity to gain valuable real-world experience in a public, private or not-for-profit organisation. The unit set enables students to gain full-time work experience and is an important vehicle for students to develop professional networks, practise applying theoretical concepts and principles learned during their degree and develop skills and capabilities required to succeed in their chosen profession, as well as gain a better understanding of the nature of employment and professional conduct in their chosen industry and in an Australian business context.

Internship Requirement

This internship program comprises two units. These units concentrate on the development and application of non-technical skills important to the students’ chosen profession and developing an awareness of professional conduct within the Australian work context. Students will develop a professional portfolio which will help demonstrate to potential employers their developed skills and suitability for employment. The program also provides an opportunity for students to apply their disciplinary knowledge and demonstrate leadership and autonomy in the research, planning, design and implementation of a work-based project which is related to their postgraduate degree studies.

During this internship, students are expected to demonstrate evidence of professional conduct, initiative and professional leadership at the standards expected by industry, as well as demonstrate a capacity to work effectively in a team-based environment.

Clearance and/or Risk Management Protocols Required

Procedures will be in place to ensure that enrolled students have the necessary clearances and visas prior to their internship. Students will be advised of these requirements during the application process. Student visas do allow for full-time paid employment, as long as this is part of a formal, academic learning program (such as this unit specialisation). The management of risk is addressed in the induction process and by the host organisation. Students on internship must observe professional practice rules.

Employment Opportunities

Opportunities for employment in entry-level management positions exist upon completion of this specialisation.

Project Management

Availability: Joondalup or Melbourne or Sydney

This specialisation is also offered in our Master of Business Administration (MBA) as well as our Master of International Hospitality Management.

Project Management is becoming a core activity in all organisations and is increasingly responsible for delivery of the corporate strategy. Project Management is a skill which can be applied in almost any industry across a range of projects including: developing a new product or service; effecting a change in structure, staffing, or style of an organisation; designing a new product; developing or acquiring a new or modified information system; constructing a building or facility; running a campaign for political office; or implementing a new business procedure or process.

Professional Recognition

The Australian Institute of Project Management (AIPM) have endorsed this unit set. A student who has completed this specialisation is eligible to apply for certification as a Certified Practicing Project Practitioner (CPPP) under AIPMs RegPM program. To qualify for CPPP the student must apply for Associate Membership with a copy of their qualification and the course must be listed on our website at the time of application.

Careers

Project Officer, Project Team Leader, Project Scheduler, Project Manager.

Major Structure

<table>
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<tr>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MAN5402</td>
<td>Project Scheduling and Control</td>
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<tr>
<td>MAN5401</td>
<td>Managing Project Scope and Stakeholders</td>
</tr>
<tr>
<td>MAN6302</td>
<td>Managing Project Quality</td>
</tr>
</tbody>
</table>

Supply Chain and Logistics Management

Availability: Joondalup

This specialisation is also offered in our Master of Business Administration (MBA).

Provides students with the opportunity to add specialist supply chain, logistics, transportation, distribution, operations and production management skills to those acquired from their degree. Students are provided with an understanding of the principles and practice of strategic and operational supply chain and logistics management in an increasingly challenging global economy. It is designed to develop the competencies required for effective decision-making in contemporary supply chain and logistics management environments.
Membership
Graduates are eligible to apply for membership with the Chartered Institute Logistics and Transport Australia (CILTA). Graduates in an MBA/MBAI Course with a Supply Chain and Logistics Management specialisation qualify to apply for membership with the Chartered Institute Logistics and Transport Australia (CILTA). They will also meet the academic requirements for professional membership.

Careers
Supply Chain Analyst, International Logistics Manager, Inventory Control Manager, Logistics Manager, Logistics Services Salesperson, Materials Manager, Procurement Manager, Purchasing Manager, Supply Chain Manager.

Major Structure
MAN6920  Supply Chain Management
MAN6333  Global Logistics
MAN6927  Supply Chain Analytics

MASTER OF BUSINESS ADMINISTRATION

Duration: 2 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 092814M
Annual Indicative Fees: $29,900
See more course information: ecu.edu.au/courses/J52

Become a leader and study the Master of Business Administration (MBA), choosing from one of our 14 specialisations. The MBA develops and educates highly-skilled managers and leaders who can contribute to organisations in an effective and responsible manner. In a globally competitive environment, it is essential to build capability by creating climates and cultures conducive to innovation and advancement. This program provides students with the ability to respond to challenging situations in complex and modern organisations.

It also builds and further develops problem-solving skills, and effective interpersonal and relationship management skills, with a focus on personal and professional development.

Specialisations
• Cyber Security Studies • Entrepreneurship and Innovation
• Environmental Management • Finance • Health Care Leadership and Management • Hospitality Management • Human Resource Management • Information Systems • International Business • Management of Occupational Health and Safety • Marketing • Professional Internship • Project Management • Supply Chain and Logistics Management

Some specialisations are unique to our MBA (Health Care Leadership and Management and Management of Occupational Health and Safety), while the rest are shared with our Master of Administration International (MBAI).

For more details on the common specialisations, see the MBAI (page 82).

Additional Admission Requirements
• Minimum of three years appropriate and/or relevant supervisory or managerial experience if applying with a Bachelor’s degree. Alternatively, applicants can may apply with at least five years of appropriate professional experience, or apply with a Graduate Certificate of Business or a Graduate Diploma of Business, with equivalents considered.
• One or more of the specialisations in this course has admission requirements; refer to the specialisation for more information.

Internship Option
The internship program comprises two units. These units concentrate on the development and application of non-technical skills important to the students’ chosen profession and developing an awareness of professional conduct within the Australian work context. Students will develop a professional portfolio which will help demonstrate to potential employers their developed skills and suitability for employment. The program also provides an opportunity for students to apply their disciplinary knowledge and demonstrate leadership and autonomy in the research, planning, design and implementation of a work-based project which is related to their postgraduate degree studies.

During this internship, students are expected to demonstrate evidence of professional conduct, initiative and professional leadership at the standards expected by industry, as well as demonstrate a capacity to work effectively in a team-based environment.

Non-Standard Timetable
Some specialisations can only be studied on-campus or online. Students should refer to the availability/delivery options listed against each specialisation for further details.

Careers
Manager, Managing Director, Chief Information Officer, Analyst, Environmental Manager, Finance and Banking Manager, Government, Healthcare Manager, Human Resources Manager.

Course Structure
Students are required to complete 12 units:
• 8 Core Units
• 3 Specialisation Units + 1 Elective Unit OR 4 Elective Units

Core Units
FBL5010  Managing People and Organisations
FBL5020  Marketing Leadership
FBL5030  Fundamentals of Value Creation in Business
MBA6010  Responsible Management
MBA6020  Personal and Professional Development
MBA6030  Information, Contemporary Technologies and Decision Making
MBA6050  Leadership, Strategy and Change
MBA6090  Entrepreneurship, Innovation and Creativity
SPECIALISATIONS
For more details on these specialisations, see the MBAI pages (see page 82):
- Cyber Security Studies
- Entrepreneurship and Innovation
- Environmental Management
- Finance
- Hospitality Management
- Human Resource Management
- Information Systems
- International Business
- Marketing
- Professional Internship
- Project Management
- Supply Chain and Logistics Management

Health Care Leadership and Management
Availability: Online
Take the next step in your management career with a Master of Business Administration specialising in Health Care Leadership and Management. This specialisation is designed to develop and educate highly skilled managers and leaders within the field of health management.
Providing a strong focus on the application of leadership and management principles in health care settings to enhance client outcomes, this specialisation includes principles of management and leadership as well as a strong focus on patient safety and clinical risk.

Careers
Allied health, nursing, management, leadership, health care, research, community health, quality and audit, midwifery.

Major Structure
- CLM6100 Clinical Leadership and Management
- CMC6100 Coaching and Mentoring in the Clinical Setting
- PSR5101 Managing Risk in the Clinical Environment

Management of Occupational Health and Safety
Availability: Online
Aims to provide managers with a comprehensive understanding of Occupational Health and Safety legal obligations, risk and management systems. Students will also gain an insight into Workplace Health and Safety Laws. Upon graduation, students could be in a position to manage and support OHS professionals in the field, particularly those in the resources sector.

Employment Opportunities
Managers holding a MBA with an Occupational Health and Safety specialisation will be in a unique position to manage and support OHS professionals in the field. Larger organisations, particularly those in the resources sector, employ a range of certified OHS professionals which managers are required to engage with, as well as regulators such as the Department of Mines and Petroleum and Worksafe.

Major Structure
- OHS6130 Workplace Health and Safety Law
- OHS6131 Occupational Health and Safety Risk Management
- OHS6132 Occupational Health and Safety Management Systems

MASTER OF BUSINESS BY RESEARCH
Duration: 2 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 099205B
Annual Indicative Fees: $36,800
See more course information: ecu.edu.au/courses/I73

Designed to provide advanced, research-based studies in theoretical and applied areas of business.
Students may choose from the following disciplines: Accounting, Economics, Event Management, Finance, Hospitality Management, Leisure Science, Management, Marketing, Management Information Systems, Planning, Recreation Management, Sport Management or Tourism Management.
The course aims to extend understandings of knowledge in the discipline area alongside knowledge of research methods in business. Students will undertake a significant independent research investigation resulting in a thesis that will have relevance to business.

Additional Admission Requirements
Weighted Average Mark (WAM) of 70 per cent or higher in an AQF Level 7 Bachelor’s degree from a similar discipline. Students who have not achieved this WAM may be admitted at the discretion of the Course Coordinator.

Careers
Business Researcher, Assistant Professor, Business Research Assistant, Business Postdoc.
Course Structure
Students are required to complete 4 units.

**Year 1 – Semester 1**
- **RESS15** Research Preparation: Principles and Approaches
- **FBL6120** Advanced Research Methods in Business and Law
- **FBL6140** Thesis Preparation

**Year 1 – Semester 2 + Year 2**
Students are required to continue to re-enrol in the thesis component of their study until the thesis is submitted for examination: Masters Thesis (FBL6200).

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**MASTER OF FINANCE AND BANKING**

Duration: 2 Years  
Availability: Joondalup  
Intake: February & July  
CRICOS Code: 079115C  
Annual Indicative Fees: $28,750  
See more course information: [ecu.edu.au/courses/L98](http://ecu.edu.au/courses/L98)

Designed for students seeking a comprehensive postgraduate degree in applied finance and financial management. The course prepares students to work in the dynamic financial services industry. The course focuses on how individuals, financial institutions, businesses and governments make borrowing, lending and investment decisions.

Students will learn how to identify, analyse and interpret financial information and use industry-relevant databases and software. The financial services industry demands graduates who can think critically and have an analytical approach to problem solving; attributes that students will develop through this course.

**Additional Admission Requirements**
Undergraduate degree in a discipline other than finance. Special entry may be considered for applicants with a finance-related undergraduate degree. Alternatively, applicants can apply with at least five years of appropriate professional experience.

**Practicum Option**
Students will develop a broad range of work related skills in a public, private or not-for-profit organisation at a management level.

**Careers**

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**MASTER OF HUMAN RESOURCE MANAGEMENT**

Duration: 2 Years  
Availability: Joondalup  
Intake: February & July  
CRICOS Code: 079123C  
Annual Indicative Fees: $28,750  
See more course information: [ecu.edu.au/courses/L75](http://ecu.edu.au/courses/L75)

This course develops excellence in people management, to enhance the ability of leaders and managers to make meaningful contributions to organisational success. It provides students with the ability to respond to people management challenges within contemporary organisations, and develop skills in communication, teamwork, critical thinking and problem-solving.

This coursework degree will ensure graduates are business-driven HR professionals, with expertise in people management.

**Additional Admission Requirements**
Have an AQF Level 7 Bachelor's degree in a discipline other than Human Resource Management, or an AQF Level 8 Graduate Certificate or Graduate Diploma in Human Resource Management, with equivalents considered. Alternatively, applicants can apply with equivalent prior learning, including at least five years of appropriate professional experience.

**Practicum Option**
Students will develop a broad range of work related skills in a public, private or not-for-profit organisation at a management level.

**Professional Recognition**
Australian Human Resources Institute (AHRI) have accredited this course. All graduates of the Masters qualification who meet the requisite work experience requirements will be eligible for direct entry into the Unit 4 Capstone: Applied Project in Organisational Capability of the AHRI Practising Certification (APC) Program. Completion of the Capstone project will award AHRI certification, CPHR.
Non-Standard Timetable
Some units may be delivered in an intensive (weekend) mode.

Careers
Human Resource Manager, Human Resource Director, Employment Relations Manager, Workplace Relations Manager, Recruitment Consultant, Talent Manager, HR Officer, Talent Acquisition Health and Safety Coordinator, Director of People and Culture.

Course Structure
Students are required to complete 12 units.

Year 1 – Semester 1
- FBL5010 Managing People and Organisations
- MAN5730 HRM Fundamentals

Select one unit from the following list:
- FBL5020 Marketing Leadership
- FBL5030 Fundamentals of Value Creation in Business
- MAN5901 Information Systems Challenges in Management

Year 1 – Semester 2
- MAN6702 Attracting and Retaining People
- MAN6704 Managing and Rewarding Employee Performance
- MAN6708 Managing Employment Relations

Year 2 – Semester 1
- MAN6706 Developing Individuals, Leaders and Organisations
- OHS6205 Health, Safety and Workplace Environment

Select one unit from the following list:
- BUS6900 Management Practicum
- MAN6925 Project Management
- MBA6090 Entrepreneurship, Innovation and Creativity
- MBA6150 Working Across Cultures

Year 2 – Semester 2
- MAN6712 Connecting Strategy and HRM
- MAN6714 Current Issues in Human Resource Management
- MAN6720 Managing Change

MASTER OF INTERNATIONAL HOSPITALITY MANAGEMENT

Duration: 2 Years
Availability: Joondalup
Intake: February & July
Students will be required to complete units on both the Mount Lawley and Joondalup Campuses.
CRICOS Code: 086218D
Annual Indicative Fees: $29,500
See more course information: ecu.edu.au/courses/L89

A unique course in Western Australia, the Master of International Hospitality Management brings together business and management principles in relation to the hospitality industry. Students will be equipped with the knowledge and skills for a career in senior management in the international hospitality industry.

In this course, students will have the opportunity to undertake a four-month internship in their final semester, allowing them to apply their non-technical skills in an Australian work context.

The course includes business units as well as applied hospitality units, including marketing, events management, international business and stakeholder management.

Specialisations
- Human Resource Management
- Information Systems
- International Business
- Marketing
- Professional Internship
- Project Management

For more information on the specialisations, see the Master of Business Administration International (MBAI), page 82.

Internship Option
Students have the opportunity to enrol in the Internship specialisation which comprises two units. The units concentrate on the development and application of non-technical skills important to the student’s chosen profession and developing an awareness of professional conduct within the Australian work context. Students will develop a professional portfolio which will help demonstrate to potential employers their developed skills and suitability for employment. The program also provides an opportunity for students to apply their disciplinary knowledge and demonstrate leadership and autonomy in the research, planning, design and implementation of a work-based project which is related to their postgraduate degree studies.

During this internship students are expected to demonstrate evidence of professional conduct, initiative and professional leadership at the standards expected by industry, as well as demonstrate a capacity to work effectively in a team-based environment. There are attendance requirements for this internship. Students on internship must observe professional practice rules.
Careers
Hotel Manager, Restaurant Manager, Hospitality Business Manager, Food and Beverage Manager, Front Office Manager, Resort Manager, Convention Centre Manager, Event Operations Manager, Hospitality Services Manager, Catering and Food Services Manager.

Course Structure
Students are required to complete 12 units:
- 9 Core Units
- 3 Specialisation / Elective Units

Core Units
- FBL5010 Managing People and Organisations
- FBL5020 Marketing Leadership
- FBL5030 Fundamentals of Value Creation in Business
- HOS6504 Global Hospitality Operations Management
- MBA6115 Business in a Global Context
- MBA6150 Working Across Cultures
- FBL6530 Business Events Management
- HOS6502 Current Issues in Hospitality
- MBA6140 Strategic Leadership & Stakeholder Management

Master of Laws (Research)
Duration: 2 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 099203D
Annual Indicative Fees: $36,800
See more course information: ecu.edu.au/courses/I74

The Law Research Masters offers candidates the opportunity to undertake research in a specialised area of law. Students will complete compulsory research support units and a supervised thesis that will make a substantial contribution to legal knowledge. This course will allow candidates to develop and acquire high-level skills in research and analysis, equipping candidates for careers in advanced research, tertiary education, professional training and policy development.

Additional Admission Requirements
Weighted Average Mark (WAM) of 65 per cent or higher in a Bachelor’s degree from a similar discipline. Admission is also subject to a pre-entry review by the Associate Dean Law to determine the suitability of the intended research topic and the School’s capacity to supervise.

Careers
Academic, Solicitor, Barrister, Judiciary, In-house Counsel, Arbitrator, Mediator, Company Secretary, Public Service employee, Private Researcher.

Course Structure
Students are required to complete 4 units.

Year 1 – Semester 1
- RES5115 Research Preparation: Principles and Approaches
- FBL6120 Advanced Research Methods in Business and Law
- FBL6140 Thesis Preparation

Year 1 – Semester 2 + Year 2
- FBL6200 Thesis

Students are required to continue to re-enrol in the thesis component of their study until the thesis is submitted for examination: Masters Thesis (FBL6200).

Master of Management Information Systems
Duration: 2 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 079125A
Annual Indicative Fees: $28,750
See more course information: ecu.edu.au/courses/L71

Relevant to both information technology (IT) and non-IT professionals who wish to develop their skills in relation to information and communications technology and their application to business. Management Information Systems (MIS) describes the broad opportunities for supporting the application of technologies to business. The study of e-business and enterprise systems is an integral part of this area. This course specifically addresses the business and technology issues arising from enterprise use of IT and covers technological, managerial and strategic issues.

Additional Admission Requirements
Bachelor’s degree in a discipline other than Information Systems, with equivalents considered. Alternatively, applicants can have a Graduate Certificate in a relevant discipline, or have five years appropriate supervisory or managerial work experience.

Professional Recognition
Australian Computer Society (ACS) have accredited this course.

Careers
Systems Analyst, IT Manager, Program Manager, Project Manager, Business Systems Analyst, Business Process Analyst.

Course Structure
Students are required to complete 12 units.

Year 1 – Semester 1
- FBL5030 Fundamentals of Value Creation in Business
- MAN5901 Information Systems Challenges in Management
- MAN5902 Business Systems Analysis

Year 1 – Semester 2
- FBL5010 Managing People and Organisations
- MAN6905 Databases and Business Intelligence
- MAN6925 Project Management
The Master of Marketing and Innovation Management is a unique course in Western Australia, developing marketing managers who are able to tackle complex business cases in national and international contexts. Students in this course will be able to create value for an organisation, their customers, their partners and society at large. They will be equipped with the skills and knowledge required for a career in customer, product, brand and revenue management, and the skills to research the needs of customers, bring new and innovative products to market, manage channel partners and manage customer satisfaction and loyalty.

This Masters course provides students with the skills, theory and practical experience to audit a market, identify opportunities, and create, implement and manage marketing processes and plans.

Practicum Option
Students will develop a broad range of work related skills in a public, private or not-for-profit organisation at a management level.

Careers
Marketing Director, Marketing Manager, Sales Manager, Brand Manager, Product and Advertising Manager, Market Researcher.

The Master of Professional Accounting provides an opportunity for graduates whose first degree is in a discipline other than accounting, to undertake major studies in accounting and law. This course will lead to the acquisition of accounting skills and knowledge, and fulfilment of the entry requirements of the accounting professional bodies.

Additional Admission Requirements
Bachelor’s degree in a discipline other than accounting from a recognised Australian institution. Alternatively, applicants can have an approved undergraduate degree from a non-Australian institution recognised under NOOSR guidelines as equivalent to an Australian undergraduate degree.

Professional Recognition
Institute of Public Accountants (IPA) have accredited this course. Students completing this course can access Associate level membership of the Institute of Public Accountants. CPA Australia have accredited this course. Chartered Accountants Australia and New Zealand (CAANZ) have accredited this course.
Professional Registration
Students will need to graduate to be eligible to register with the CPA Australia. Registration with the CPA Australia is required to practice in the profession. Students will need to graduate to be eligible to register with the Chartered Accountants Australia and New Zealand. Registration with the Chartered Accountants Australia and New Zealand is required to practice in the profession.

Careers
Director of Finance, Financial Controller and Support Manager, Tax Advisor, Senior Consultant, Accountant, Strategic Analyst, Chief Ratings Analyst, Global Investment Banker.

Course Structure
Students are required to complete 12 units.

Year 1 – Semester 1
- ACC6010: Accounting Concepts and Applications
- ECF6102: Quantitative Skills for Business
- LAW6501: Principles of Contract and Corporate Law in Business

Year 1 – Semester 2
- ACC6015: Corporate Accounting and Reporting
- ACC6020: Accounting for Managerial Planning and Control
- ECF6110: Business Finance

Year 2 – Semester 1
- ECF6105: Economic Analysis for Business
- ACC6025: Accounting Theory, Research and Practice
- LAW6300: Principles of Taxation Law

Year 2 – Semester 2
- ACC6030: Auditing and Assurance Services
- ACC6035: Contemporary Issues in Sustainability Accounting
- ACC6040: Integrated Accounting Projects

Master of Project Management

Duration: 2 Years
Availability: Joondalup or Melbourne or Sydney
Intake: February & July
CRICOS Code: 079106D
Annual Indicative Fees: $28,750
See more course information: ecu.edu.au/courses/L99

Project Management is becoming a core activity in all organisations and increasingly vital to delivery of the corporate strategy.

ECU’s Master of Project Management is offered within the School of Business and Law, so the course has a strong business focus.

It is designed to equip students with the knowledge and skills of project management principles and practice to design, implement and lead a diverse range of projects in almost any industry.

The Master of Project Management aims to enable students to critically apply theory and principles to practice by examining real world project management cases and examples in a collaborative environment facilitated by academics and industry practitioners. Students are provided with the opportunity to research contemporary project management issues and approaches in order to solve complex problems and be able to contribute to the advancement of the profession and to the wider community.

Additional Admission Requirements
Bachelor’s degree in a discipline other than Project Management, with equivalents considered. Alternatively, applicants can apply with at least five years of appropriate professional experience, or have a Graduate Certificate in a relevant discipline.

Professional Recognition
Australian Institute of Project Management (AIPM) have endorsed this course. A student who has completed this course is eligible to apply for certification as a Certified Practicing Project Practitioner (CPPP) under AIPMs RegPM program. To qualify for CPPP the student must apply for Associate Membership with a copy of their qualification and the course must be listed on our website at the time of application.

Careers
Project Team Member, Project Officer, Project Manager, Project Scheduler, Project Administrator, Project Support Officer, Program Manager.

Course Structure
Students are required to complete 12 units.

Year 1 – Semester 1
- FBL5010: Managing People and Organisations
- MAN5401: Managing Project Scope and Stakeholders
- MAN5402: Project Scheduling and Control

Year 1 – Semester 2
- FBL5030: Fundamentals of Value Creation in Business
- MAN5410: Project Integration and Procurement Management
- MAN6302: Managing Project Quality

Year 2 – Semester 1
- MAN6301: Project Risk Management
- MAN6304: Project Leadership
- MAN5901: Information Systems Challenges in Management

Year 2 – Semester 2
- MAN6305: Contemporary Approaches to Project Management
- MAN6303: Program Management
- MAN6325: Project Management Capstone
Graduate Diploma of Supply Chain and Logistics Management

**Duration:** 1 Year  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 0100464  
**Annual Indicative Fees:** $28,750  
See more course information: ecu.edu.au/courses/I82

Supply chain and logistics managers are a vital part of any business to ensure products are available to customers. Find out more about developing specialist supply chain, logistics, transportation, distribution, operations and production management skills in this Graduate Diploma course.

Students will also gain an understanding of the principles and practice of strategic and operational supply chain and logistics management in an increasingly challenging global economy.

Designed to develop the competencies required for effective decision-making in contemporary supply chain and logistics management environments.

**Careers**  
Business Analyst; Supervisor in Retail, Operations and Production Manager, Scheduling Staff, Production Planning and Inventory Control, Quality Manager, Supply Chain Analyst, Supply Chain Manager, International Logistics Manager, Inventory Control Manager.

**Course Structure**  
Students are required to complete 6 units.

- FBL5010 Managing People and Organisations  
- FBL5020 Marketing Leadership  
- MAN6920 Supply Chain Management  
- FBL5030 Fundamentals of Value Creation in Business  
- MAN6927 Supply Chain Analytics  
- MAN6333 Global Logistics

Master of Supply Chain and Logistics Management

**Duration:** 2 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 0100465  
**Annual Indicative Fees:** $28,750  
See more course information: ecu.edu.au/courses/I78

Supply chain and logistics managers are a vital part of many businesses, managing and executing operations in the procurement, warehousing, inventory management and transportation of goods. This unique course is designed to advance careers in logistics, transportation, distribution, operations and production management, while providing an option to specialise in either information systems or cyber security for supply chain and logistics management. Both of these specialty streams are at the cutting edge of developments in the sector today. The course will sharpen commercial awareness in supply chain and logistics management and develop competencies for analysis, effective decision making, communication and ethical practice.

**Careers**

Supply Chain Analyst, Supply Chain Manager, International Logistics Manager, Inventory Control Manager, Logistics Manager, Logistics Services Salesperson, Materials Manager, Procurement Manager, Warehouse/Distribution Operations Manager, Purchasing Manager.

**Course Structure**

Students are required to complete 12 units:

- 9 core units
- 3 Cyber Security Stream or Information Systems Stream Units

**Year 1 – Semester 1**

- FBL5010 Managing People and Organisations  
- FBL5020 Marketing Leadership  
- MAN6920 Supply Chain Management

**Year 1 – Semester 2**

- FBL5030 Fundamentals of Value Creation in Business  
- MAN6927 Supply Chain Analytics  
- MAN6333 Global Logistics

**Year 2 – Semester 1**

- MAN6935 IT Value Realisation
Select two units from the following lists:

**Information Systems units**
- MAN5902 Business Systems Analysis
- MAN6310 Capstone Integration Project

**Cyber Security units**
- CSI6199 Cyber Security
- CSI6201 Networking Technologies

**Year 2 – Semester 2**
- MAN6910 Business Process Management
- MAN6925 Project Management

Select one unit from the following lists:

**Information Systems unit**
- MAN5901 Information Systems Challenges in Management

**Cyber Security unit**
- CSI6202 Network Security

**DOCTOR OF PHILOSOPHY**
We also offer a PhD and PhD Integrated in the field of business and law. For more details, please see pages 224–225.
ECU has been ranked in the Top 201-250 universities in the world for Engineering and Technology by the globally recognised Times Higher Education World University Rankings in 2018.

Here, you’ll study in some of the most advanced, industry-grade engineering labs in Australia, with the opportunity to work on real-world projects and develop strong contacts through industry engagements, events and internships.

Our Engineering courses have a common multidisciplinary first year, and more than 20 courses have been professionally accredited by Engineers Australia, the leading professional engineering body in Australia.

Our courses are also recognised under the Washington Accord, one of the International Engineering Alliance’s multilateral agreements. This means your engineering qualification will be internationally recognised.

So with an ECU engineering degree, you’ll graduate as a versatile engineer, able to work around the world and be well-equipped to meet the challenges of the future.

CAREERS:
- Aeronautical Technologist
- Automotive Engineer
- Aviation Operations Controller
- Chemical Engineer
- Civil Engineer
- Communications Engineer
- Computer Systems Engineer
- Computer Systems Technologist
- Design Engineer
- Electrical Power Engineer
- Electronics Engineer
- Embedded Systems Engineer
- Environmental Engineer
- Flight Planner
- Instrumentation Engineer
- Mechanical Engineer
- Mechatronics Engineer
- Oil and Gas Engineer
- Petroleum Engineer
- Pipeline Engineer
- Process Control Engineer
“Edith Cowan University has supported me all the way.”

I wanted to choose a university whose foundation is strong. ECU was one of the few universities in Australia whose Master of Engineering was professionally accredited by Engineers Australia.

Civil engineering is one of the core fields of the engineering industry. The benefit of doing construction projects during your Master’s studies is that you can exercise the technical skills learned at university. After completing my engineering practicum, I have been able to secure a position as a part-time Graduate Civil Engineer with a construction firm in Perth. The first construction site I was appointed at was a bridge construction project in the heart of Perth. Such an opportunity allowed me to not only build my experience as a Site Engineer, but also to work with a very efficient team of civil engineers and deliver the project.

During my journey, I’ve learnt that you can always get help if you ask. ECU has supported me all the way, through continued support of lecturers and through the help of student services.

ARSHIL JAH
ECU Civil Engineering student
India
Engineering & Technology
Undergraduate

Bachelor of Aviation

Duration: 3 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 070518A
Annual Indicative Fees: $30,900

Provides a focused, professional education and graduate status for those seeking to enter the aviation industry. The course is technically-oriented, covering a good breadth of the underlying science and technology related to aircraft systems, in addition to a range of more general content areas related to the aviation industry.

Majors
- Computer Science
- Human Resource Management
- International Business
- Management
- Marketing
- Occupational Safety and Health
- Politics and International Relations
- Security Management
- Sports Science

Careers
Flight Planner, Aviation Operations Controller, Load Controller, CASA Regulator, Aviation Operations Officer, Air Traffic Controller, Royal Australian Airforce Officer, Pilot.

Course Structure
Students are required to complete 24 units:
- 16 Core Units
- 3 Major / Minor / Elective Units

Year 1 – Semester 1
SCA1125 Fundamentals of Flight
SCP1132 Introduction to Physics
MAT1108 Foundations of Mathematics
SCA1116 Aviation Legislation and Regulatory Frameworks

Year 1 – Semester 2
SCA1117 Human Factors in Aviation
SCA1229 Aviation Meteorology
MAT1114 Introductory Statistics
Major / Minor / Elective

Year 2 – Semester 1
SCA2101 Aircraft Performance
SCA2100 Flight Operations
Major / Minor / Elective

Year 2 – Semester 2
SCA2212 Advanced Aerodynamics
SCA2224 Aircraft Systems
Major / Minor / Elective

Year 3 – Semester 1
SCA3100 Aircraft Propulsion
ENS2170 Principles of Industrial Maintenance
Major / Minor / Elective

Year 3 – Semester 2
SCA3200 Crew Resource Management
SCA3612 Advanced Flight Planning
ENS5543 Engineering Management
Major / Minor / Elective

Visit ecu.edu.au/courses/K99 for more details on the majors.
The chemical engineering discipline is principally concerned with the application of knowledge of how materials and chemicals interact, or can be converted in some way to a more useful form, as part of a processing, production or refining process. Chemical engineers work in a wide range of domains from mineral processing, mining, and oil and gas through to industries associated with clothing, food, packaging, fertilisers, pharmaceuticals and many other manufacturing and biological processes.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and along with a sound theoretical base, includes strong elements of practical problem solving, team work and project development. As a result, graduates will gain strong analytical skills, and have the ability to lead complex projects as well as having multiple technical and transferable skill competencies.

The course provides a sound basis in mechanics, mathematics, and the principles of engineering design in the first two years of study, along with core areas of engineering science including chemistry and materials science, fluid mechanics, process systems and thermodynamics. In the final two years of study, a range of more specialist chemical engineering topics are covered including process design, operations and control, to prepare students to enter their chosen profession with relevant knowledge and skills.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Additional Admission Requirements
Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered, and Chemistry ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Professional Recognition
Engineers Australia have accredited this course.

Careers
Chemical Engineer, Process Engineer, Design Engineer, Plant Engineer, Petrochemical Engineer.

Awarded Honours
Bachelor of Engineering (Chemical) Honours: All students completing this course will be awarded an Honours degree. Students achieving a Weighted Average Mark (WAM) of 70 per cent or above at the end of their third year of studies will be invited to complete a graded Honours degree. Other students will be awarded an ungraded Honours degree.

Course Structure
Students are required to complete 33 units:
- 31 Core Units
- 1 Elective Unit
- 1 Practicum Unit

Year 1 – Semester 1
- ENS1154 Introduction to Engineering
- ENS1162 Electrical Engineering 1A
- ENM1102 Engineering Drawing and Computer Aided Design
- MAT1250 Mathematics 1

Year 1 – Semester 2
- ENS1101 Engineering Mechanics
- ENS1253 Electrical Engineering 1B
- ENS1115 Materials and Manufacturing 1
- MAT1251 Mathematics 2

Year 2 – Semester 1
- SCC1111 General Chemistry
- ENS5170 Engineering Systems
- ENM3218 Fluid Mechanics
- ENS2115 Process Engineering Fundamentals

Year 2 – Semester 2
- SCC1201 Chemistry: Structure and Reactions
- ENS2160 Thermodynamics
- ENS2116 Process Systems Analysis
- ENS3553 Signals and Systems

Year 3 – Semester 1
- SCC2211 Organic Chemistry
- ENS2159 Engineering Innovation and Ethics
- ENS5556 Heat and Mass Transfer
- ENS5253 Control Systems

Year 3 – Semester 2
- ENS3111 Chemical Thermodynamics
- ENS3113 Reaction Engineering
- ENS5240 Industrial Control
- Elective Unit
Civil engineering is the branch of engineering that deals with the design, construction and maintenance of the human-made environment, including buildings, roads, bridges, tunnels, dams and other large physical structures. The course is designed to equip graduates with industry relevant skills across a full range of core civil engineering subject areas including surveying, soil mechanics, engineering geology, structural analysis and design, hydrology, and transportation engineering, as well as construction technology and site management.

The program focuses on the development of knowledge and skills relevant to professional engineering practice, and along with a sound theoretical base, it includes strong elements of practical problem solving, team work and project development. As well as having multiple technical and transferable skill competencies, graduates will gain strong analytical skills, and the ability to lead complex projects.

The course provides a sound basis in mechanics, mathematics, and the principles of engineering design in the first two years of study, along with core areas of engineering science including materials and manufacturing, engineering drawing and computer aided design, foundational electrical engineering, and thermodynamics and fluid mechanics. In the final two years of study, a range of more specialist civil engineering topics are covered to prepare students to enter their chosen profession with relevant knowledge and skills.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Additional Admission Requirements
Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.
It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Professional Recognition
Engineers Australia have accredited this course.

Careers
Civil Engineer, Structural Engineer, Transportation Engineer, Geotechnical Engineer, Water Resource Engineer.

Awarded Honours
Bachelor of Engineering (Civil) Honours: All students completing this course will be awarded an Honours degree. Students achieving a Weighted Average Mark (WAM) of 70 per cent or above at the end of their third year of studies will be invited to complete a graded Honours degree. Other students will be awarded an ungraded Honours degree.
Course Structure
Students are required to complete 33 units:
- 30 Core Units
- 2 Elective Units
- 1 Practicum Unit

Year 1 – Semester 1
ENS1154 Introduction to Engineering
ENS1162 Electrical Engineering 1A
ENM1102 Engineering Drawing and Computer Aided Design
MAT1250 Mathematics 1

Year 1 – Semester 2
ENS101 Engineering Mechanics
ENS1253 Electrical Engineering 1B
ENS1115 Materials and Manufacturing 1
MAT1251 Mathematics 2

Year 2 – Semester 1
CSP2151 Programming Fundamentals
ENS2260 Surveying and Site Measurement
ENS2159 Engineering Innovation and Ethics
ENS170 Engineering Systems

Year 2 – Semester 2
ENS2110 Materials and Manufacturing 2
ENS2113 Engineering Dynamics
ENS2160 Thermodynamics
ENS3190 Mechanics of Solids

Year 3 – Semester 1
ENS3242 Soil Mechanics and Foundation Engineering
ENS3243 Structural Analysis
ENM3218 Fluid Mechanics
Elective 1 x Elective Unit

Year 3 – Semester 2
ENS3244 Concrete Design
ENS3245 Steel Design
ENS3208 Engineering Geology and Rock Mechanics
ENS3106 Hydrology and Hydraulics

Year 4 – Semester 1
ENS111 Engineering Practicum
ENS5252 Construction Technology
ENS5214 Transportation Engineering
ENS5147 Advanced Structural Analysis and Design
ENS4152 Project Development

Year 4 – Semester 2
ENS5112 Construction Site Management
ENS5543 Engineering Management
Elective 1 x Elective Unit
ENS4253 Engineering Project

or
ENS5146 Engineering Honours Thesis 2

Note: Students undertaking the graded Honours pathway should enrol into ENS5146 Engineering Honours Thesis 2 in place of ENS4253 Engineering Project.

BACHELOR OF ENGINEERING (CIVIL AND ENVIRONMENTAL) HONOURS

Duration: 4 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 083181C
Annual Indicative Fees: $30,200
See more course information: ecu.edu.au/courses/Y28

Includes a range of studies in civil engineering with a secondary focus towards the management of environmental concerns that confront an engineer working in civil engineering. Many engineering projects, especially those that may impact on the quality of land, water and air, require detailed environmental analysis to identify and mitigate any chances that the project will adversely affect the environment. It is essential to consider both the short and long-term sustainability of such projects and their environmental consequences.

The program focuses on the development of knowledge and skills relevant to professional engineering practice, and along with a sound theoretical base, includes strong elements of practical problem-solving, teamwork and project development resulting in strong analytical skills and the ability to lead complex projects.

Areas of study within the course include a foundation in physical and engineering sciences along with computer aided design, engineering materials, surveying, and other core civil engineering topics. This is followed by more specialist civil and environmental engineering content areas including structural analysis and design, hydrology and hydraulics, and construction technology and site management, and project management.

The course also includes advanced studies in environmental risk assessment and management, water and wastewater treatment, water distribution systems and wastewater collection systems, waste disposal and management, air-borne pollution control and the principles that ensure long-term sustainable engineering design solutions.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.
**Engineering & Technology**

**Undergraduate**

### Additional Admission Requirements
Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

### Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

### Professional Recognition
Engineers Australia have provisionally accredited this course.

### Careers
Civil Engineer, Environmental Engineer, Water Resource Engineer.

### Awarded Honours
Bachelor of Engineering (Civil and Environmental) Honours: All students completing this course will be awarded an Honours degree. Students achieving a Weighted Average Mark (WAM) of 70 per cent or above at the end of their third year of studies will be invited to complete a graded Honours degree. Other students will be awarded an ungraded Honours degree.

### Course Structure
Students are required to complete 33 units:
- **30 Core Units**
- **2 Elective Units**
- **1 Practicum Unit**

#### Year 1 – Semester 1
- ENS1154 Introduction to Engineering
- ENS1162 Electrical Engineering 1A
- ENS11102 Engineering Drawing and Computer Aided Design
- MAT1250 Mathematics 1

#### Year 1 – Semester 2
- ENS1101 Engineering Mechanics
- ENS1253 Electrical Engineering 1B
- ENS1115 Materials and Manufacturing 1
- MAT1251 Mathematics 2

#### Year 2 – Semester 1
- ENS2260 Surveying and Site Measurement
- ENS2159 Engineering Innovation and Ethics
- ENS3170 Engineering Systems
- ENM3218 Fluid Mechanics

#### Year 2 – Semester 2
- ENS2113 Engineering Dynamics
- ENS2160 Thermodynamics
- ENS3190 Mechanics of Solids
- ENS5106 Hydrology and Hydraulics

#### Year 3 – Semester 1
- ENS3242 Soil Mechanics and Foundation Engineering
- ENS3243 Structural Analysis
- ENS5133 Environmental Engineering 1
- ENS5161 Environmental and Process Risk Management

#### Year 3 – Semester 2
- ENS3244 Concrete Design
- ENS3245 Steel Design
- ENS3208 Engineering Geology and Rock Mechanics
- ENS5132 Environmental Engineering 2

#### Year 4 – Semester 1
- ENS5111 Engineering Practicum
- ENS5252 Construction Technology
- ENS5214 Transportation Engineering
- Elective 1 x Elective Unit
- ENS4152 Project Development

or
- ENS5145 Engineering Honours Thesis 1

Note: Students undertaking the graded Honours pathway should enrol into ENS5145 Engineering Honours Thesis 1 in place of ENS4152 Project Development.

#### Year 4 – Semester 2
- ENS5112 Construction Site Management
- ENS5543 Engineering Management
- Elective 1 x Elective Unit
- ENS4253 Engineering Project

or
- ENS5146 Engineering Honours Thesis 2
Computer systems engineering requires in-depth knowledge of digital and analogue electronic systems along with a detailed understanding of computer architecture, software design and hardware-software interfacing. Graduates of this course will be conversant with all aspects of computing from the development and application of individual microprocessors, to the design of personal, mainframe or supercomputer systems, as well as real-time and embedded systems implementation, robotics, and software engineering.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and along with a sound theoretical base, includes strong elements of practical problem solving, team work and project development. As a result, as well as having multiple technical and transferable skill competencies, graduates will gain strong analytical skills, and have the ability to lead complex projects.

The course provides a sound basis in mathematics, and in the fundamentals of electronics and engineering design principles in the first two years of study, along with relevant computer technology and programming principles. In the final two years of study, advanced topics from both the electronics and computer systems engineering fields are covered including software engineering, data networks and communication systems, digital signal processing, real-time embedded systems, industrial control, and robotics to prepare students to enter their chosen profession with relevant knowledge and skills.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Additional Admission Requirements
Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment.

Professional Recognition
Engineers Australia have accredited this course.
While specialising in the engineering discipline areas of electronic systems, computer systems and communication systems, this double degree broadens the overall knowledge of students in areas which are complementary to their engineering skills. There is a growing demand in high technology industries and research centres, especially in the areas of robotics, data science, cyber security and telecommunications, for engineers with knowledge and professional skills in project management, software development and relevant areas of engineering.

Additional Admission Requirements

Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

Work Experience Requirement

Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Professional Recognition

Engineers Australia have accredited this course.

Careers

Computer Systems Engineer, IT Professional, Software Engineer.

Awarded Honours

Bachelor of Engineering (Computer Systems) Honours/ Bachelor of Computer Science: All students completing this course will be awarded an Honours degree. Students achieving a Weighted Average Mark (WAM) of 70 per cent or above at the end of their fourth year of studies will be invited to complete a graded Honours degree. Other students will be awarded an ungraded Honours degree.

Course Structure

Students are required to complete 43 units:

- 42 Core Units
- 1 Practicum Unit

Visit ecu.edu.au/courses/Y64 for more details.
The course provides a sound basis in mechanics, dynamics, mathematics, and the principles of engineering design in the first two years of study, along with a broad basis in engineering science including materials and manufacturing, computer aided design, programming principles, and analogue and digital electronics. In the final two years of study, a range of units are included covering more in-depth electrical power engineering topics alongside specialist studies on sustainable and renewable energy sources and systems and their integration into a mixed energy environment.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Additional Admission Requirements
Mathematics: Method ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Professional Recognition
Engineers Australia have provisionally accredited this course.

Careers
Electrical Engineer, Power Systems Engineer, Renewable Energy Engineer.

Course Structure
Students are required to complete 33 units:
- 31 Core Units
- 1 Elective Unit
- 1 Practicum Unit

Year 1 – Semester 1
ENS1154 Introduction to Engineering
ENS1162 Electrical Engineering 1A
ENM1102 Engineering Drawing and Computer Aided Design
MAT1250 Mathematics 1

Year 1 – Semester 2
ENS1101 Engineering Mechanics
ENS1253 Electrical Engineering 1B
ENS1115 Materials and Manufacturing 1
MAT1251 Mathematics 2

Year 2 – Semester 1
ENM2104 Instrumentation and Measurement
ENM3218 Fluid Mechanics
ENS2159 Engineering Innovation and Ethics
ENS5170 Engineering Systems

Year 2 – Semester 2
ENS5445 Sustainability and Renewable Energy
ENS2113 Engineering Dynamics
ENS3553 Signals and Systems
ENS2457 Analog Electronics

Year 3 – Semester 1
ENS562 Renewable Energy Conversions 1
CSP2151 Programming Fundamentals
ENS5253 Control Systems
ENS5360 Power Electronics

Year 3 – Semester 2
ENS2160 Thermodynamics
ENS3206 Power Systems 1
ENS230 Electrical Machines and Transformers
Elective 1 x Elective Unit

Year 4 – Semester 1
ENS5111 Engineering Practicum
ENS563 Renewable Energy Conversions 2
ENS5361 Power Systems 2
ENS5133 Environmental Engineering 1
ENS4152 Project Development

or
ENS5145 Engineering Honours Thesis 1

Note: Students undertaking the graded Honours pathway should enrol into ENS5145 Engineering Honours Thesis 1 in place of ENS4152 Project Development.

Year 4 – Semester 2
ENS5543 Engineering Management
ENS5240 Industrial Control
ENS4253 Engineering Project

or
ENS5146 Engineering Honours Thesis 2

ENS5161 Environmental and Process Risk Management
BACHELOR OF ENGINEERING (ELECTRICAL POWER) HONOURS

Duration: 4 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 083337K
Annual Indicative Fees: $30,200
See more course information: ecu.edu.au/courses/Y49

Electrical power engineering is a well-established engineering discipline encompassing electrical power generation, transmission and distribution. The course provides broad coverage across a range of core electrical and electronic subjects, leading to more in-depth studies of power systems including generation, transmission and protection, as well as power electronics, electromechanical systems, industrial control, and renewable energy.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and along with a sound theoretical base, includes strong elements of practical problem solving, team work and project development. As a result, as well as having multiple technical and transferable skill competencies, graduates will gain strong analytical skills, and have the ability to lead complex projects.

The course provides a sound basis in mechanics, dynamics, mathematics, and the principles of engineering design in the first two years of study, along with a broad basis in engineering science including materials and manufacturing, computer aided design, programming principles, and analogue and digital electronics. In the final two years of study, a range of specialist electrical power engineering topics are covered to prepare students to enter their chosen profession with relevant knowledge and skills.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Additional Admission Requirements
Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Professional Recognition
Engineers Australia have accredited this course.

Careers
Electrical Engineer, Power Systems Engineer, Electrical Power Engineer.

Awarded Honours
Bachelor of Engineering (Electrical Power) Honours: Students completing this course will be awarded an Honours degree. Students achieving a Weighted Average Mark (WAM) of 70 per cent or above at the end of their third year of studies will be invited to complete a graded Honours degree. Other students will be awarded an ungraded Honours degree.

Course Structure
Students are required to complete 33 units:
- 30 Core Units
- 2 Elective Units
- 1 Practicum Unit

Year 1 – Semester 1
ENS1154 Introduction to Engineering
ENS1162 Electrical Engineering 1A
ENM1102 Engineering Drawing and Computer Aided Design
MAT1250 Mathematics 1

Year 1 – Semester 2
ENS1101 Engineering Mechanics
ENS1253 Electrical Engineering 1B
ENS1115 Materials and Manufacturing 1
MAT1251 Mathematics 2

Year 2 – Semester 1
ENM2104 Instrumentation and Measurement
ENS2456 Digital Electronics
ENS2159 Engineering Innovation and Ethics
ENS5170 Engineering Systems

Year 2 – Semester 2
CSP2151 Programming Fundamentals
ENS2113 Engineering Dynamics
ENS3553 Signals and Systems
ENS2457 Analog Electronics
This course combines the fundamental engineering disciplines of electronic and communication systems. It provides graduates with skills in all aspects of analog and digital circuit design, as well as communication systems and communications networks development. The course concentrates on the engineering principles required to analyse and solve problems related to the design and implementation of electronic and communication systems. Graduates will be conversant in the fundamental engineering sciences, electronic circuits and systems, digital signal processing, radio communications, fibre optic and microwave communications, computer networking, and cellular and wireless networks.
### Bachelor of Engineering (Instrumentation Control and Automation) Honours

**Duration:** 4 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 083338J  
**Annual Indicative Fees:** $30,200  
See more course information: [ecu.edu.au/courses/Y46](https://ecu.edu.au/courses/Y46)

Instrumentation control and automation engineering is the integration of electrical, electronic and computing engineering with control engineering. This integrated discipline includes the development of intelligent systems to automate monitoring, processing, and production in different engineering industries. The course is designed to provide graduates with a strong background to enter into a range of career pathways related to automation and control application in the mining and mineral processing, oil and gas, and agriculture industries that are strongly represented in the economy of Western Australia.

Graduates of the course will be conversant in electrical and electronic engineering; have specialist skills in design, development and management of advanced control and automation systems; and have the ability to participate in, and lead, complex multidisciplinary projects.

The program focuses on the development of knowledge and skills relevant to professional engineering practice along with a sound theoretical base, and includes strong elements of practical problem solving, team work and project development. As a result, graduates will have strong analytical skills, in addition to multiple technical and transferable competencies.

The course covers topics in process control algorithms, computer interfacing and communications of industrial controllers, as well as computer automation, including the use of PLCs, SCADA, and PC-based systems to control systems and processes. Topics such as advanced PLC control and SCADA systems, and manufacturing execution systems are introduced in the advanced years of the program, after students have gained proficiency in the theory of modern control and dynamic systems.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

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### Engineering & Technology Undergraduate

#### Year 1 – Semester 2
- ENS1101 Engineering Mechanics  
- ENS1253 Electrical Engineering 1B  
- ENS1115 Materials and Manufacturing 1  
- MAT1251 Mathematics 2

#### Year 2 – Semester 1
- ENS2456 Digital Electronics  
- ENS2159 Engineering Innovation and Ethics  
- ENS2104 Instrumentation and Measurement  
- ENS170 Engineering Systems

#### Year 2 – Semester 2
- ENS3553 Signals and Systems  
- ENS2457 Analog Electronics  
- CSP2151 Programming Fundamentals  
- Elective 1 x Elective Unit

#### Year 3 – Semester 1
- ENS3551 Electrical Networks  
- ENS3555 Communication Systems 1  
- ENS253 Control Systems  
- ENS3554 Data Communications and Computer Networks

#### Year 3 – Semester 2
- ENS2257 Microprocessor Systems  
- ENS3556 Wireless Communication  
- ENS203 Electronic Circuit Design  
- ENS251 Digital Signal Processing

#### Year 4 – Semester 1
- ENS111 Engineering Practicum  
- ENS5447 Propagation and Antennas  
- ENS5542 Communication Systems 2  
- ENS360 Power Electronics  
- ENS4152 Project Development  
- or  
- ENS5145 Engineering Honours Thesis 1

#### Year 4 – Semester 2
- ENS5543 Engineering Management  
- ENS5444 Telecommunication Networks  
- Elective 1 x Elective Unit  
- ENS4253 Engineering Project  
- or  
- ENS5146 Engineering Honours Thesis 2
Additional Admission Requirements
Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Professional Recognition
Engineers Australia have accredited this course.

Careers
Control and Automation Engineer, Process Control Engineer, Instrumentation Engineer.

Awarded Honours
Bachelor of Engineering (Instrumentation Control and Automation) Honours: All students completing this course will be awarded an Honours degree. Students achieving a Weighted Average Mark (WAM) of 70 per cent or above at the end of their third year of studies will be invited to complete a graded Honours degree. Other students will be awarded an ungraded Honours degree.

Course Structure
Students are required to complete 33 units:

- 30 Core Units
- 2 Elective Units
- 1 Practicum Unit

Year 1 – Semester 1
ENS1154 Introduction to Engineering
ENS1162 Electrical Engineering 1A
ENM1102 Engineering Drawing and Computer Aided Design
MAT1250 Mathematics 1

Year 1 – Semester 2
ENS1101 Engineering Mechanics
ENS1253 Electrical Engineering 1B
ENS1115 Materials and Manufacturing 1
MAT1251 Mathematics 2

Year 2 – Semester 1
ENM2104 Instrumentation and Measurement
ENS2456 Digital Electronics
ENS2159 Engineering Innovation and Ethics
ENS5170 Engineering Systems

Year 2 – Semester 2
CSP2151 Programming Fundamentals
ENS2113 Engineering Dynamics
ENS3553 Signals and Systems
ENS2457 Analog Electronics

Year 3 – Semester 1
ENS3555 Communication Systems 1
ENS3551 Electrical Networks
ENS3554 Data Communications and Computer Networks
ENS5253 Control Systems

Year 3 – Semester 2
ENS5230 Electrical Machines and Transformers
ENS2257 Microprocessor Systems
ENS5240 Industrial Control
Elective 1 x Elective Unit

Year 4 – Semester 1
ENS5111 Engineering Practicum
ENS5447 Propagation and Antennas
ENS5130 Advanced Industrial Control
ENS5360 Power Electronics
ENS4152 Project Development

or
ENS5145 Engineering Honours Thesis 1

Note: Students undertaking the graded Honours pathway should enrol into ENS5145 Engineering Honours Thesis 1 in place of ENS4152 Project Development.

Year 4 – Semester 2
ENS5543 Engineering Management
ENS5209 Process Control
Elective 1 x Elective Unit
ENS4253 Engineering Project

or
ENS5146 Engineering Honours Thesis 2
Mechanical engineering is the branch of engineering that deals with the design, manufacture and maintenance of mechanical components and moving systems. Areas of study within the course include a foundation in physical and engineering sciences, along with materials science and manufacturing, mechanical design, and building services. The course includes a particular focus on project based and practical learning and provides numerous opportunities for students to extend practical skills development. Students taking this course also have the option to undertake a specialist stream in motorsports. This option provides a special focus on automotive design and motorsports engineering. Students should consult the course coordinator if they are interested in pursuing this option.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and along with a sound theoretical base, includes strong elements of practical problem solving, team work and project development. As a result, as well as having multiple technical and transferable skill competencies, graduates will gain strong analytical skills, and have the ability to lead complex projects.

The course provides a sound basis in mechanics, mathematics, and the principles of engineering design in the first two years of study, along with development of relevant knowledge in computer aided design and manufacturing, materials science, statics and dynamics, industrial maintenance, and mechanical design. In the final two years of study, a range of specialist mechanical engineering topics are covered, including electromechanical systems, structural analysis, advanced mechanical design, and building services, providing students with relevant knowledge and skills to enable them to contribute in the workforce as soon as they graduate.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Additional Admission Requirements
Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Professional Recognition
Engineers Australia have accredited this course.

Careers
Mechanical Engineer.

Awarded Honours
Bachelor of Engineering (Mechanical) Honours: All students completing this course will be awarded an Honours degree. Students achieving a Weighted Average Mark (WAM) of 70 per cent or above at the end of their third year of studies will be invited to complete a graded Honours degree. Other students will be awarded an ungraded Honours degree.

Course Structure
Students are required to complete 33 units:
- 30 Core Units
- 2 Elective Units
- 1 Practicum Unit

Note: Students may include a Motorsports stream in their degree by enrolling in two specific units in place of the two Elective units. Students interested in taking this optional Motorsports stream should consult with the Course Coordinator before commencing studies, who will advise them on the sequence and timing of the electives and other units in their course to accommodate the inclusion of the Motorsports units.

Year 1 – Semester 1
- ENS1154 Introduction to Engineering
- ENS1162 Electrical Engineering 1A
- ENM1102 Engineering Drawing and Computer Aided Design
- MAT1250 Mathematics 1

Year 1 – Semester 2
- ENS1101 Engineering Mechanics
- ENS1253 Electrical Engineering 1B
- ENS1115 Materials and Manufacturing 1
- MAT1251 Mathematics 2
Year 2 – Semester 1
- CSP2151 Programming Fundamentals
- ENM2104 Instrumentation and Measurement
- ENS2159 Engineering Innovation and Ethics
- ENS5170 Engineering Systems

Year 2 – Semester 2
- ENS2110 Materials and Manufacturing 2
- ENS2113 Engineering Dynamics
- ENS2214 Computer Aided Design and Manufacturing
- ENS3105 Mechanical Design and Development

Year 3 – Semester 1
- ENS2170 Principles of Industrial Maintenance
- ENM3218 Fluid Mechanics
- ENS3243 Structural Analysis
- ENS5114 Advanced Mechanical Design

Year 3 – Semester 2
- ENS2160 Thermodynamics
- ENS3553 Signals and Systems
- ENS5230 Electrical Machines and Transformers
- ENS3190 Mechanics of Solids

Year 4 – Semester 1
- ENS5111 Engineering Practicum
- ENS5261 Advanced Materials and Manufacturing Systems
- ENS5253 Control Systems
- Elective 1 x Elective Unit
- ENS4152 Project Development

or
- ENS5145 Engineering Honours Thesis 1

Year 4 – Semester 2
- ENS5200 Building Services
- ENS5543 Engineering Management
- Elective 1 x Elective Unit
- ENS4253 Engineering Project

or
- ENS5146 Engineering Honours Thesis 2

Students wishing to undertake the Motorsports stream should select the following units in place of the two Elective units:
- ENM1101 Race Car Anatomy
- ENM2209 Race Car Systems

**BACHELOR OF ENGINEERING (MECHATRONICS) HONOURS**

**Duration:** 4 Years
**Availability:** Joondalup
**Intake:** February & July
**CRICOS Code:** 083183A
**Annual Indicative Fees:** $30,200

See more course information: [ecu.edu.au/courses/Y44](http://ecu.edu.au/courses/Y44)

Mechatronics engineering is a multidisciplinary program, where knowledge of mechanical and electrical/electronic engineering are combined towards the development of intelligent machines and advanced manufacturing and processing systems. Whilst developing the strong analytical and problem-solving capabilities typical of any engineering program, this particular program is specifically tailored to Australia’s resource-based and service industries. The course starts with a typical engineering science foundation in mathematics, mechanics, electrical engineering and computing, and then proceeds to cover major engineering topics, including digital electronics and microprocessor systems, advanced materials and manufacturing, and mechanical design.

Mechatronics engineering gives a broader engineering coverage compared with standard mechanical or electrical engineering programs with the themes of automation, instrumentation, digital electronics, manufacturing, mechanical design, fluid mechanics and control systems.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and along with a sound theoretical base, includes strong elements of practical problem solving, team work and project development. As a result, as well as having multiple technical and transferable skill competencies, graduates will gain strong analytical skills, and have the ability to lead complex projects.

Areas of study within the course include engineering mechanics, computer-aided design and manufacturing, analogue and digital electronics, signal analysis, electromechanical systems, industrial control, and robotics.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

**Additional Admission Requirements**

Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

**Work Experience Requirement**

Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.
Professional Recognition
Engineers Australia have accredited this course.

Careers
Mechatronics Engineer, Robotics Engineer, Automation Engineer.

Awarded Honours
Bachelor of Engineering (Mechatronics) Honours: All students completing this course will be awarded an Honours degree. Students achieving a Weighted Average Mark (WAM) of 70 per cent or above at the end of their third year of studies will be invited to complete a graded Honours degree. Other students will be awarded an ungraded Honours degree.

Course Structure
Students are required to complete 33 units:
- 30 Core Units
- 2 Elective Units
- 1 Practicum Unit

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<thead>
<tr>
<th>Year 1 – Semester 1</th>
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<tbody>
<tr>
<td>ENS1154</td>
<td>Introduction to Engineering</td>
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<tr>
<td>ENS1162</td>
<td>Electrical Engineering 1A</td>
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<tr>
<td>ENM1102</td>
<td>Engineering Drawing and Computer Aided Design</td>
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<td>MAT1250</td>
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<tr>
<td>ENS1115</td>
<td>Materials and Manufacturing 1</td>
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<tr>
<td>MAT1251</td>
<td>Mathematics 2</td>
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<tbody>
<tr>
<td>ENM2104</td>
<td>Instrumentation and Measurement</td>
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<tr>
<td>ENS2159</td>
<td>Engineering Innovation and Ethics</td>
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<tr>
<td>ENS5170</td>
<td>Engineering Systems</td>
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<td>CSP2151</td>
<td>Programming Fundamentals</td>
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<tr>
<td>ENS2113</td>
<td>Engineering Dynamics</td>
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<tr>
<td>ENS2110</td>
<td>Materials and Manufacturing 2</td>
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<tr>
<td>ENS2160</td>
<td>Thermodynamics</td>
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<tr>
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<td>Advanced Materials and Manufacturing Systems</td>
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<tr>
<td>ENM3218</td>
<td>Fluid Mechanics</td>
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<tr>
<td>ENS5360</td>
<td>Power Electronics</td>
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<td>ENS2456</td>
<td>Digital Electronics</td>
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<td>Microprocessor Systems</td>
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<tr>
<td>ENS3105</td>
<td>Mechanical Design and Development</td>
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<tr>
<td>ENS3553</td>
<td>Signals and Systems</td>
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<tr>
<td>ENS5230</td>
<td>Electrical Machines and Transformers</td>
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<tr>
<td>ENS5442</td>
<td>Robotics 1</td>
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<tr>
<td>ENS5253</td>
<td>Control Systems</td>
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<td>ENS5240</td>
<td>Industrial Control</td>
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<tbody>
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<td>ENS4253</td>
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<th>Year 4 – Semester 2</th>
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<tbody>
<tr>
<td>ENS5145</td>
<td>Engineering Honours Thesis 1</td>
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Note: Students undertaking the graded Honours pathway should enrol into ENS5145 Engineering Honours Thesis 1 in place of ENS4152 Project Development.

<table>
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<tr>
<td>ENS5111</td>
<td>Engineering Practicum</td>
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<tr>
<td>ENS5442</td>
<td>Robotics 1</td>
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<th>Year 4 – Semester 2</th>
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<tbody>
<tr>
<td>ENS5145</td>
<td>Engineering Honours Thesis 1</td>
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or

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<tr>
<th>Year 4 – Semester 2</th>
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<tbody>
<tr>
<td>ENS5145</td>
<td>Engineering Honours Thesis 1</td>
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</table>

Note: Students undertaking the graded Honours pathway should enrol into ENS5145 Engineering Honours Thesis 1 in place of ENS4152 Project Development.
This double degree program combines the Bachelor of Engineering (Mechatronics) Honours course with the Bachelor of Technology (Motorsports) course. Mechatronics engineering is the integration of electrical, electronic and computing engineering with mechanical engineering, enabling the development of intelligent machines and advanced manufacturing and processing systems. Areas of study within mechatronics include mechanics, computer-aided design and manufacturing, analogue and digital electronics, signal analysis, electro-mechanical systems, advanced materials, sensor technology, automatic control, robotics, system design and development, and project management. The course produces engineers with strong competencies in electrical, electronic, computer and mechanical engineering, who can participate in and lead complex, multidisciplinary projects.

The motorsports component further develops engineering problem-solving abilities, as well as the technical, financial and management skills associated with manufacturing industries in general, and the motorsports industry in particular. Students gain a solid understanding of the entire design, simulation and fabrication processes and management issues associated with the manufacturing industries, with particular emphasis on motorsports. Students also have the opportunity to further develop competencies through the provision of extra-curricular activities to help progression into the motorsports industry.

Additional Admission Requirements
Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Professional Recognition
Engineers Australia have accredited this course.

Careers
Mechatronics Engineer, Mechanical Engineer, Automotive Engineer, Robotics Engineer, Automation Engineer.

Awarded Honours
Bachelor of Engineering (Mechatronics) Honours/Bachelor of Technology (Motorsports): Students completing this course will be awarded an Honours degree. Students achieving a Weighted Average Mark (WAM) of 70 per cent or above at the end of their fourth year of studies will be invited to complete a graded Honours degree. Other students will be awarded an ungraded Honours degree.

Students will graduate with the Bachelor of Technology (Motorsports) at the end of the fourth year of full-time study, and with the Bachelor of Engineering (Mechatronics) Honours at the end of the fifth year of full-time study.

Course Structure
Students are required to complete 40 units:

- 34 Core Units
- 3 Elective Units
- 2 Motorsports Project Units
- 1 Practicum Unit

Visit ecu.edu.au/courses/Y75 for more details.

This degree double program combines the Bachelor of Engineering (Mechatronics) Honours course with the Bachelor of Technology (Motorsports) course. Mechatronics engineering is the integration of electrical, electronic and computing engineering with mechanical engineering, enabling the development of intelligent machines and advanced manufacturing and processing systems. Areas of study within mechatronics include mechanics, computer-aided design and manufacturing, analogue and digital electronics, signal analysis, electro-mechanical systems, advanced materials, sensor technology, automatic control, robotics, system design and development, and project management. The course produces engineers with strong competencies in electrical, electronic, computer and mechanical engineering, who can participate in and lead complex, multidisciplinary projects.

The motorsports component further develops engineering problem-solving abilities, as well as the technical, financial and management skills associated with manufacturing industries in general, and the motorsports industry in particular. Students gain a solid understanding of the entire design, simulation and fabrication processes and management issues associated with the manufacturing industries, with particular emphasis on motorsports. Students also have the opportunity to further develop competencies through the provision of extra-curricular activities to help progression into the motorsports industry.

Additional Admission Requirements
Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Professional Recognition
Engineers Australia have accredited this course.

Careers
Mechatronics Engineer, Mechanical Engineer, Automotive Engineer, Robotics Engineer, Automation Engineer.

Awarded Honours
Bachelor of Engineering (Mechatronics) Honours/Bachelor of Technology (Motorsports): Students completing this course will be awarded an Honours degree. Students achieving a Weighted Average Mark (WAM) of 70 per cent or above at the end of their fourth year of studies will be invited to complete a graded Honours degree. Other students will be awarded an ungraded Honours degree.

Students will graduate with the Bachelor of Technology (Motorsports) at the end of the fourth year of full-time study, and with the Bachelor of Engineering (Mechatronics) Honours at the end of the fifth year of full-time study.

Course Structure
Students are required to complete 40 units:

- 34 Core Units
- 3 Elective Units
- 2 Motorsports Project Units
- 1 Practicum Unit

Visit ecu.edu.au/courses/Y75 for more details.

Petroleum engineers work in a range of industry sectors, often related to the exploration, mining, production, delivery and downstream processing of fossil fuels. These fossil fuels are derived from oil and gas reservoirs in the earth’s crust, but may also include extraction from sands and shales. This course provides the foundations for a professional engineering career in the oil and gas industry, both in Australia and internationally. As well as providing core mechanical and chemical engineering skills, the course provides specialist knowledge in drilling, reservoir and petroleum production engineering.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and along with a sound theoretical base, includes strong elements of practical problem solving, team work and project development. As a result, graduates will gain strong analytical skills, and have the ability to lead complex projects as well as having multiple technical and transferable skill competencies.

The course provides a sound basis in mechanics, mathematics, and the principles of engineering design in the first two years of study, along with core areas of engineering science including chemistry and materials science, fluid mechanics, process systems and thermodynamics. In the final two years of study, a range of more specialist petroleum engineering topics are covered to prepare students to enter their chosen profession with relevant knowledge and skills.
The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Additional Admission Requirements
Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.
It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Professional Recognition
Engineers Australia have provisionally accredited this course.

Careers
Petroleum Engineer, Oil and Gas Engineer, Exploration Engineer, Reservoir Engineer, Drilling Engineer, Pipeline Engineer, Refining Engineer, Production Engineer.

Course Structure
Students are required to complete 33 units:
• 31 Core Units
• 1 Elective Units
• 1 Practicum Unit

Year 1 – Semester 1
EN5162 Electrical Engineering 1A
MAT1250 Mathematics 1
ENM1102 Engineering Drawing and Computer Aided Design
EN5154 Introduction to Engineering

Year 1 – Semester 2
EN51253 Electrical Engineering 1B
MAT1251 Mathematics 2
EN51115 Materials and Manufacturing 1
EN51101 Engineering Mechanics

Year 2 – Semester 1
EN5170 Engineering Systems
SCC1111 General Chemistry
EN52270 Reservoir Petrophysics and Formation Evaluation
EN52115 Process Engineering Fundamentals

Year 2 – Semester 2
EN52113 Engineering Dynamics
CSP2151 Programming Fundamentals
EN53208 Engineering Geology and Rock Mechanics
EN52160 Thermodynamics

Year 3 – Semester 1
EN53301 Reservoir Thermodynamics and Fluid Properties
EN52159 Engineering Innovation and Ethics
ENM3218 Fluid Mechanics
EN5566 Reservoir Engineering

Year 3 – Semester 2
EN5562 Drilling Engineering
EN52180 Offshore Science and Engineering
EN5567 Well Testing
Elective 1 x Elective Unit

Year 4 – Semester 1
EN5545 Engineering Honours Thesis 1
EN5556 Heat and Mass Transfer
EN5564 Unconventional Oil and Gas Resources
EN5561 Environmental and Process Risk Management

Year 4 – Semester 2
EN5546 Engineering Honours Thesis 2
EN5565 Petroleum Production Engineering
EN5543 Engineering Management
EN5565 Reservoir Simulation
EN5111 Engineering Practicum

Bachelor of Engineering Honours / Bachelor of Commerce

Duration: 5 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 094918J
Annual Indicative Fees: $30,650
See more course information: ecu.edu.au/courses/W26

This double degree program broadens the overall knowledge of students in areas which are complementary to their technical skills. There is a growing demand in high-technology industries and research centres for engineers who also have knowledge and professional skills in business, management and finance.
Business Majors
- Finance • Human Resource Management • International Business • Management • Marketing • Project Management

Engineering Majors
- Chemical Engineering • Civil Engineering • Computer Systems • Electrical Power • Electronics and Communications • Instrumentation Control and Automation • Mechanical Engineering • Mechatronics

Additional Admission Requirements
Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

One or more of the majors in this course has admission requirements; refer to the major for more information.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Work Experience Option
The ECU Business Placement program provides students with a unique opportunity to gain valuable real-world experience in a public, private or not-for-profit organisation. This enables students to gain relevant work experience, allowing them to develop professional networks, practice applying theory learned during their degree, develop skills and capabilities required to succeed in their chosen profession, and gain a better understanding of the nature of employment and professional conduct in their chosen industry.

Professional Recognition
Engineers Australia have accredited this course.

Non-Standard Timetable
Students should be aware that unit overloads will be required in some semesters, in order to complete the course within the standard five year duration.

Careers
Mechanical Engineer, Civil Engineer, Chemical Engineer, Mechatronics Engineer, Computer Systems Engineer, Electronic Engineer, Communication Engineer, Electrical Power Engineer, Instrumentation Control and Automation Engineer.

Awarded Honours
Bachelor of Engineering Honours/Bachelor of Commerce: Bachelor of Engineering Honours: Students achieving a WAM of 70 per cent or higher in the required Engineering units at the end of their fourth year of study will be invited to undertake the Engineering Honours Thesis units and be awarded a graded Honours degree. All others will receive an ungraded Honours degree.

Course Structure
Students are required to complete 47 units:
- 31 Engineering Units
  - 15 Core Units
  - 15 Major Units
  - 1 Practicum Unit
- 16 Commerce Units
  - 7 Core Units
  - 8 Major Units
  - 1 Elective Unit

Visit ecu.edu.au/courses/W26 for more details.

BACHELOR OF ENGINEERING HONOURS / BACHELOR OF LAWS

Duration: 6 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 083194J
Annual Indicative Fees: $38,650
See more course information: ecu.edu.au/courses/Y66

This double degree combines a full engineering degree with a full law degree program that satisfies the academic requirements for the admission of law graduates as legal practitioners in Western Australia. The result of this challenging educational initiative is an internationally recognised double degree that will create opportunities in the global marketplace. It provides students with lifelong transferable skills, equipping them for employment in a wide range of professions, and for further study in a variety of disciplines.

Engineering Majors
- Chemical Engineering • Civil Engineering • Computer Systems • Electrical Power • Electronics and Communications • Instrumentation Control and Automation • Mechanical Engineering • Mechatronics

Additional Admission Requirements
Assessed on a case-by-case basis.

Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

One or more of the majors in this course has admission requirements; refer to the major for more information.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Professional Recognition
Engineers Australia have accredited this course. Legal Practice Board of Western Australia (LPBWA) have accredited this course.
Professional Registration
Students will need to graduate to be eligible to register with the Legal Practice Board of Western Australia (LPBWA). Registration with the Legal Practice Board of Western Australia (LPBWA) is required to practice in the profession.

Non-Standard Timetable
Students should be aware that unit overloads will be required in some semesters, in order to complete the course within the standard six year duration.

Careers

Awarded Honours
Bachelor of Engineering Honours/Bachelor of Laws Honours: Students with a Weighted Average Mark (WAM) of 70 per cent or higher in their Law degree units after their fifth year of study may be invited to complete a Laws Honours program. Those students will transfer to the Bachelor of Engineering Honours Bachelor of Laws Honours for their sixth and final year of study.

Bachelor of Engineering Honours/Bachelor of Laws: Bachelor of Engineering Honours: Students achieving a WAM of 70 per cent or higher in the required Engineering units at the end of their fifth year of study will be invited to undertake the Engineering Honours Thesis units and be awarded a graded Honours degree. All others will receive an ungraded Honours degree.

Course Structure
Students are required to complete 60 units:

- 31 Engineering Units
  - 15 Core Units
  - 15 Major Units
  - 1 Practicum Unit
- 29 Law Units
  - 22 Core Units
  - 7 Elective Units

Visit ecu.edu.au/courses/Y66 for more details.

This double degree program provides students with the opportunity to become qualified engineers with a strong background in a complementary branch of applied science. There is a growing demand in high-technology industries and research centres for engineers with multidisciplinary skills in technology, management, and relevant sciences. This program broadens the overall knowledge of students in areas which are complementary to their technical skills. It offers a high level of flexibility as students are able to choose from a number of engineering and science specialist areas to select a combination that best suits their personal career aspirations.

Engineering Majors
- Chemical Engineering
- Civil Engineering
- Computer Systems
- Electrical Power
- Electronics and Communications
- Instrumentation Control and Automation
- Mechanical Engineering
- Mechatronics

Science Majors
- Addiction Studies
- Applied Chemistry
- Aviation
- Biological Sciences
- Computer Science
- Data Science
- Environmental Management
- Health Promotion
- Human Biology
- Marine and Freshwater Science
- Mathematics
- Nutrition
- Occupational Safety and Health
- Physics
- Sports Science

Additional Admission Requirements
Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.

One or more of the majors in this course has admission requirements; refer to the major for more information.

Work Experience Requirement
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period.

Professional Recognition
Engineers Australia have accredited this course.

Non-Standard Timetable
Students should be aware that unit overloads will be required in some semesters, in order to complete the course within the standard five year duration.
Careers
Chemical Engineer, Design Engineer, Plant Engineer, Petrochemical Engineer, Civil Engineer, Environmental Engineer, Mechanical Engineer, Mechatronics Engineer, Oil and Gas Engineer.

Awarded Honours
Bachelor of Engineering Honours/Bachelor of Science: Bachelor of Engineering Honours: Students achieving a WAM of 70 per cent or higher in the required Engineering units at the end of their fourth year of study will be invited to undertake the Engineering Honours Thesis units and be awarded a graded Honours degree. All others will receive an ungraded Honours degree.

Course Structure
Students are required to complete 43 units:

- 28 Engineering Units
  - 12 Core Units
  - 15 Major Units
  - 1 Practicum Unit
- 15 Science Units
  - 6 Core Units
  - 8 Major Units
  - 1 Elective Unit

Visit ecu.edu.au/courses/W32 for more details.

Duration: 3 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 070447M
Annual Indicative Fees: $30,200

Provides a high-quality and broad-based coverage of multi-disciplinary engineering. In the modern engineering environment, large-scale engineering projects are increasingly likely to be of a highly multi-disciplinary nature, requiring engineers from diverse backgrounds to be able to work effectively as a team to deliver the outcomes. In such environments, a broader understanding of engineering, beyond one specific area of specialisation, is highly desirable and advantageous.

Developing such breadth in four-year engineering courses is a challenge as it compromises the level of specialist knowledge that is also required from a graduate engineer. Successful completion of this three-year program guarantees entry into ECU's Master of Engineering course, affording the opportunity to develop a chosen discipline specialisation building on this strong multi-disciplinary knowledge base.

Additional Admission Requirements
Assessed on a case-by-case basis.

Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered.

It is desirable that all applicants have Mathematics: Specialist ATAR, with equivalents considered.
Intended for students with an interest in aviation, aeronautics and flying who wish to have the option of expanding their studies towards becoming an accredited professional in an engineering field.

The only course of its kind in Western Australia, aeronautical technology deals with the science and technology of aviation, including aircraft systems, materials and manufacturing technology, and aircraft operation. Areas of study include a foundation in science and mathematics, along with engineering mechanics, computer-aided design, engineering materials, and thermodynamics and fluids. It also covers specific aviation science subjects such as aircraft systems and structures, aircraft propulsion and aerodynamics. Students will also gain an understanding of the operation and performance of aircraft from the point-of-view of an aviation technologist.

The course focuses on the development of knowledge and skills relevant to the aviation industry, and, along with a sound theoretical base, includes strong elements of practical problem-solving, team work and project work. As a result, students will have multiple technical and transferable skill competencies, and will graduate with strong analytical skills and the ability to contribute to complex projects.

Provided appropriate electives are chosen, graduating students can apply to articulate into ECU’s Master of Engineering course, specialising in either Mechanical or Civil Engineering. This enables students to achieve professional engineer status after a further two years of study.

Additional Admission Requirements
It is desirable that all applicants have passed Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered. Alternatively, applicants can complete bridging units during the first year of their studies, if required, if students have not passed one or more of these subjects.

Practicum Requirement
During the course, students will be required to undertake a minimum of 8 weeks practical work experience located in an engineering technology industry environment. This will normally be undertaken during a vacation period.
**BACHELOR OF TECHNOLOGY (ELECTRONIC AND COMPUTER SYSTEMS)**

- **Duration:** 3 Years
- **Availability:** Joondalup
- **Intake:** February & July
- **CRICOS Code:** 052270C
- **Annual Indicative Fees:** $30,250
- **See more course information:** [ecu.edu.au/courses/U78](http://ecu.edu.au/courses/U78)

Provides a pathway for students who wish to pursue a career as a technologist in the fields of electronics or computer systems.

**Additional Admission Requirements**

It is desirable that all applicants have passed Mathematics: Methods ATAR, with equivalents considered. Alternatively, applicants can complete a bridging unit during the first year of their studies if students have not passed Mathematics: Methods ATAR.

**Work Experience Requirement**

Students are required to undertake a minimum of 8 weeks practical work experience in an engineering technology industry environment.

**Careers**

Electronics Technologist, Computer Systems Technologist.

**Course Structure**

Students are required to complete 25 units:

- 23 Core Units
- 1 Elective Units
- 1 Technology Practicum Unit

**Year 1 – Semester 1**

- ENS1154 Introduction to Engineering
- MAT1137 Introductory Applied Mathematics
- ENS1162 Electrical Engineering 1A
- SCP1132 Introduction to Physics

**Year 1 – Semester 2**

- ENS1101 Engineering Mechanics
- ENS1253 Electrical Engineering 1B
- ENS1115 Materials and Manufacturing 1
- MAT1250 Mathematics 1

**Year 2 – Semester 1**

- ENS2456 Digital Electronics
- ENM2104 Instrumentation and Measurement
- ENS5170 Engineering Systems
- ENM1102 Engineering Drawing and Computer Aided Design

**Year 2 – Semester 2**

- ENS2457 Analog Electronics
- CSP2151 Programming Fundamentals
- ENS3553 Signals and Systems
- Elective 1 x Elective Unit

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**BACHELOR OF TECHNOLOGY (ENGINEERING)**

- **Duration:** 3 Years
- **Availability:** Joondalup
- **Intake:** February & July
- **CRICOS Code:** 083190B
- **Annual Indicative Fees:** $30,250
- **See more course information:** [ecu.edu.au/courses/Y62](http://ecu.edu.au/courses/Y62)

Suitable for students who may not achieve the entrance requirements for the Bachelor of Engineering Honours but who aspire to pursue a career in an engineering-related area. This course can also be used as a pathway to the Bachelor of Engineering Honours courses.

**Majors**

- Chemical
- Civil
- Electrical
- Electronics and Communications
- Mechanical

**Additional Admission Requirements**

It is desirable that all applicants have passed Mathematics: Methods ATAR, with equivalents considered. Alternatively, applicants can complete a bridging unit during the first year of their studies if students have not passed Mathematics: Methods ATAR.

**Work Experience Requirement**

Students must undertake a Technology Practicum, which requires 8 weeks of approved work experience.

**Careers**

Engineering Technologist, Engineering Technician.

**Course Structure**

Students are required to complete 25 units:

- 15 Core Units
- 8 Major Units
- 1 Elective Unit
- 1 Technology Practicum Unit
## MAJORS:

### Chemical

**Availability:** Joondalup

Provides students with a core set of relevant technical skills that will enable them to practice at the engineering technologist grade in the chemical engineering field. When students graduate from this unit set, they are expected to have gained an understanding of heat and mass transfer, chemical thermodynamics, chemical reactors and general engineering concepts, which can help them contribute to problems in the chemical industry.

**Careers**

Chemical Operator, Process Engineer, Process Safety Officer, Laboratory Technician.

### Civil

**Availability:** Joondalup

Provides students with a core set of relevant technical skills that will enable them to practice at the engineering technologist grade in the civil engineering field.

### Electrical

**Availability:** Joondalup

Provides students with a core set of relevant technical skills. This unit set will enable students to practice at the engineering technologist grade in the electrical engineering field.
**Electronics and Communications**

**Availability:** Joondalup

Provides students with a core set of relevant technical skills that will enable them to practice at the engineering technologist grade in the electronic or communications engineering fields.

**Major Structure**

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<th>Code</th>
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<tbody>
<tr>
<td>ENM2104</td>
<td>Instrumentation and Measurement</td>
</tr>
<tr>
<td>ENS2456</td>
<td>Digital Electronics</td>
</tr>
<tr>
<td>ENS2457</td>
<td>Analog Electronics</td>
</tr>
<tr>
<td>ENS3553</td>
<td>Signals and Systems</td>
</tr>
<tr>
<td>ENS3357</td>
<td>Electronic Circuit Design</td>
</tr>
<tr>
<td>ENS3555</td>
<td>Communication Systems 1</td>
</tr>
<tr>
<td>ENS4251</td>
<td>Control Systems</td>
</tr>
<tr>
<td>ENS3556</td>
<td>Wireless Communication</td>
</tr>
</tbody>
</table>

**Mechanical**

**Availability:** Joondalup

Provides students with a core set of relevant technical skills that will enable them to practice at the engineering technologist grade in the mechanical engineering field.

**Major Structure**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENM2104</td>
<td>Instrumentation and Measurement</td>
</tr>
<tr>
<td>ENS2108</td>
<td>Mechanical Science</td>
</tr>
<tr>
<td>ENS2110</td>
<td>Materials and Manufacturing 2</td>
</tr>
<tr>
<td>ENS2113</td>
<td>Engineering Dynamics</td>
</tr>
<tr>
<td>ENS2214</td>
<td>Computer Aided Design and Manufacturing</td>
</tr>
<tr>
<td>ENS2170</td>
<td>Principles of Industrial Maintenance</td>
</tr>
<tr>
<td>ENS3243</td>
<td>Structural Analysis</td>
</tr>
<tr>
<td>ENS3105</td>
<td>Mechanical Design and Development</td>
</tr>
</tbody>
</table>

**BACHELOR OF TECHNOLOGY (MOTORSPORTS)**

**Duration:** 3 Years

**Availability:** Joondalup

**Intake:** February & July

**CRICOS Code:** 056770F

**Annual Indicative Fees:** $30,200

See more course information: ecu.edu.au/courses/G68

Develops core problem-solving abilities and the technical, financial and management skills associated with manufacturing industries in general, and the motorsports industry in particular. Students gain a solid understanding of the design, simulation and fabrication processes, and the management issues associated with production of the complex automotive systems and the components that underpin the motorsport industry. The course provides a stimulating and supportive learning environment, with an enthusiastic and articulate approach that reflects the culture of motorsports.

Students also have the opportunity to further develop competencies through the provision of extra-curricular activities to help progression into the motorsports industry.

**Additional Admission Requirements**

It is desirable that all applicants have passed Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered. Alternatively, applicants can complete bridging units during the first year of their studies, if required, if students have not passed one or more of these subjects.

**Work Experience Requirement**

Students are required to undertake a minimum of 8 weeks practical work experience in an engineering technology industry environment. This will normally be undertaken during a vacation period.

**Professional Recognition**

Engineers Australia have accredited this course.

**Careers**

Automotive Technologist, Mechanical Technologist.

**Course Structure**

Students are required to complete 24 units:

- 21 Core Units
- 2 Elective Units
- 1 Technology Practicum Unit

**Year 1 – Semester 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENM1101</td>
<td>Race Car Anatomy</td>
</tr>
<tr>
<td>ENS1154</td>
<td>Introduction to Engineering</td>
</tr>
<tr>
<td>ENM1102</td>
<td>Engineering Drawing and Computer Aided Design</td>
</tr>
<tr>
<td>MAT1137</td>
<td>Introductory Applied Mathematics</td>
</tr>
</tbody>
</table>

**Year 1 – Semester 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENS1101</td>
<td>Engineering Mechanics</td>
</tr>
<tr>
<td>ENS1115</td>
<td>Materials and Manufacturing 1</td>
</tr>
<tr>
<td>ENS1162</td>
<td>Electrical Engineering 1A</td>
</tr>
<tr>
<td>MAT1250</td>
<td>Mathematics 1</td>
</tr>
</tbody>
</table>

**Year 2 – Semester 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENM2104</td>
<td>Instrumentation and Measurement</td>
</tr>
<tr>
<td>ENS2108</td>
<td>Mechanical Science</td>
</tr>
<tr>
<td>ENS2159</td>
<td>Engineering Innovation and Ethics</td>
</tr>
<tr>
<td>ENM2209</td>
<td>Race Car Systems</td>
</tr>
</tbody>
</table>

**Year 2 – Semester 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENS2110</td>
<td>Materials and Manufacturing 2</td>
</tr>
<tr>
<td>ENS3105</td>
<td>Mechanical Design and Development</td>
</tr>
<tr>
<td>ENS2113</td>
<td>Engineering Dynamics</td>
</tr>
<tr>
<td>ENS2214</td>
<td>Computer Aided Design and Manufacturing</td>
</tr>
</tbody>
</table>

**Year 3 – Semester 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENS3173</td>
<td>Technology Practicum</td>
</tr>
<tr>
<td>ENM3211</td>
<td>Motorsports Project 1</td>
</tr>
<tr>
<td>ENS5261</td>
<td>Advanced Materials and Manufacturing Systems</td>
</tr>
<tr>
<td>ENS5114</td>
<td>Advanced Mechanical Design</td>
</tr>
<tr>
<td>Elective</td>
<td>1 x Elective Unit</td>
</tr>
</tbody>
</table>

**Year 3 – Semester 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENM3212</td>
<td>Motorsports Project 2</td>
</tr>
<tr>
<td>ENS5543</td>
<td>Engineering Management</td>
</tr>
<tr>
<td>Elective</td>
<td>1 x Elective Unit</td>
</tr>
</tbody>
</table>
MASTER OF ENGINEERING

Duration: 2 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 067370J
Annual Indicative Fees: $30,700
See more course information: ecu.edu.au/courses/I59

Designed for those who have a non-Professionally Accredited engineering or technology degree and wish to upgrade to a Professionally Accredited engineering qualification, or wish to branch out into another area of specialisation.

Specialisations
- Chemical Engineering
- Civil Engineering
- Computer Systems Engineering
- Electrical Power Engineering
- Electrical and Renewable Energy Engineering
- Electronics and Communications Engineering
- Instrumentation Control and Automation Engineering
- Mechanical Engineering
- Mechatronics Engineering
- Petroleum Engineering

Additional Admission Requirements
Bachelor's degree in engineering or engineering technology, with equivalents considered. Alternatively, applicants can have completed the Bachelor of Engineering Science, with equivalents considered.

Work Experience Requirement
Students are required to complete (or have previously completed) a 12-week practicum under the supervision of an engineer in a relevant industry environment.

Professional Recognition
Engineers Australia have accredited this course.

Careers
Professional Engineer.

Course Structure
Students are required to complete 17 units:
- 4 Core Units
- 12 Specialisation Units
- 1 Practicum Unit

Year 1 – Semester 1
ENS6139 Engineering Innovation and Ethics
Specialisation 3 x Specialisation Units

Year 1 – Semester 2
Specialisation 4 x Specialisation Units

Year 2 – Semester 1
ENS5111 Engineering Practicum
ENS6126 Master of Engineering Project 1
Specialisation 3 x Specialisation Units

Year 2 – Semester 2
ENS5543 Engineering Management
ENS6127 Master of Engineering Project 2
Specialisation 2 x Specialisation Units

SPECIALISATIONS:

Chemical Engineering
Availability: Joondalup

Designed for students interested in chemical engineering. This course will extend your knowledge in the fields of chemical thermodynamics, environmental and process risk management, minerals and solids processing, among others.

Professional Recognition
Engineers Australia have provisionally accredited this unit set.

Major Structure
ENS6166 Process Engineering Fundamentals
ENS5556 Heat and Mass Transfer
ENS253 Control Systems
ENS6167 Process Systems Analysis
ENS6169 Chemical Thermodynamics
ENS5240 Industrial Control
ENS161 Environmental and Process Risk Management
ENS561 Minerals and Solids Processing
ENS6170 Process Engineering Unit Operations
ENS6171 Reaction Engineering
ENS209 Process Control
ENS5166 Process Design
Civil Engineering

Availability: Joondalup

Designed for students wishing to specialise in civil engineering. This course will help you develop expertise in the fields of structural analysis, fluid mechanics, concrete design, construction technology and transportation engineering among others.

Professional Recognition

Engineers Australia have accredited this unit set.

Major Structure

- ENS6148 Soil Mechanics and Foundation Engineering
- ENS6149 Structural Analysis
- ENS6100 Fluid Mechanics
- ENS6151 Concrete Design
- ENS6144 Engineering Geology and Rock Mechanics
- ENS6152 Steel Design
- ENS5252 Construction Technology
- ENS5147 Advanced Structural Analysis and Design
- ENS5112 Construction Site Management
- ENS5106 Hydrology and Hydraulics

Computer Systems Engineering

Availability: Joondalup

Designed for students wishing to specialise in computer systems. This course will extend your knowledge and help you develop expertise in data communication and computer networks, digital electronics, communication systems, computer architecture, robotics and industrial control, among others.

Professional Recognition

Engineers Australia have provisionally accredited this unit set.

Major Structure

- CS6108 Fundamentals of Software Engineering
- ENS6154 Digital Electronics
- ENS6161 Data Communication and Computer Networks
- ENS6155 Microprocessor Systems
- ENS6150 Computer Architecture
- ENS6160 Signals and Systems
- ENS5251 Digital Signal Processing
- ENS6162 Communication Systems 1
- ENS5253 Control Systems
- ENS5442 Robotics 1
- ENS5240 Industrial Control
- ENS5204 Real-Time Embedded Systems

Electrical Power Engineering

Availability: Joondalup

Designed for students wishing to specialise in electrical power engineering. This course will extend your knowledge and expertise in electrical engineering fields such as Power Electronics, Signals and Systems, Electrical Machines and Transformers and Sustainability and Renewable Energy, among others.

Professional Recognition

Engineers Australia have provisionally accredited this unit set.

Major Structure

- ENS6146 Instrumentation and Measurement
- ENSS360 Power Electronics
- ENS6161 Data Communication and Computer Networks
- ENS6160 Signals and Systems
- ENS6156 Analog Electronics
- ENS6143 Power Systems 1
- ENS5230 Electrical Machines and Transformers
- ENS6162 Communication Systems 1
- ENS5253 Control Systems
- ENS5361 Power Systems 2
- ENS5240 Industrial Control
- ENS5445 Sustainability and Renewable Energy

Electrical and Renewable Energy Engineering

Availability: Joondalup

Designed for students interested in pursuing a career in the renewable energy or electrical power industry. This specialisation is intended to provide graduates with strong competencies in the fundamental electrical engineering discipline areas with a complementary focus on the utilisation, generation, management and design of renewable energy resources. The Master of Engineering (Electrical and Renewable Energy) provides broad coverage across a range of core electrical power subjects, leading to more in-depth studies relating to renewable energy systems. As with all of the Schools engineering programs, the Electrical and Renewable Energy program focuses on the development of knowledge and skills relevant to professional engineering practice and along with a sound theoretical base, includes strong elements of practical problem solving, team work and project development. As a result, as well as having multiple technical and transferable skill competencies, graduates will gain strong analytical skills, and have the ability to lead complex projects.

Professional Recognition

Engineers Australia have provisionally accredited this unit set.

Careers

Electrical Engineer, Power Systems Engineer, Renewable Energy Engineer.
Electronics and Communications Engineering

**Availability:** Joondalup

Designed for students wishing to specialise in electronics and communications. This course will extend your knowledge and provide expertise in electrical engineering fields such as Data Communication and Computer Networks, Digital Electronics, Wireless Communication and Telecommunication Networks, among others.

**Professional Recognition**

Engineers Australia have accredited this unit set.

**Major Structure**

- ENS562 Renewable Energy Conversions 1
- ENS360 Power Electronics
- ENS6100 Fluid Mechanics
- ENS6160 Signals and Systems
- ENS6156 Analog Electronics
- ENS6143 Power Systems 1
- ENS5230 Electrical Machines and Transformers
- ENS5563 Renewable Energy Conversions 2
- ENS5253 Control Systems
- ENS5361 Power Systems 2
- ENS5240 Industrial Control
- ENS5445 Sustainability and Renewable Energy

Instrumentation Control and Automation Engineering

**Availability:** Joondalup

Designed for students wishing to specialise in instrumentation control and automation. This course will provide students with knowledge and expertise in fields such as Data Communication and Computer Networks, Instrumentation and Measurement, Control Systems, Advanced Industrial Control and Process Control, among others.

**Professional Recognition**

Engineers Australia have accredited this unit set.

**Major Structure**

- ENS6162 Communication Systems 1
- ENS6161 Data Communication and Computer Networks
- ENS6154 Digital Electronics
- ENS6160 Signals and Systems
- ENS5203 Electronic Circuit Design
- ENS6164 Wireless Communication
- ENS6156 Analog Electronics
- ENS5542 Communication Systems 2
- ENS5253 Control Systems
- ENS5447 Propagation and Antennas
- ENS5444 Telecommunication Networks
- ENS5251 Digital Signal Processing
- ENS5447 Propagation and Antennas
- ENS6146 Instrumentation and Measurement
- ENS5230 Electrical Machines and Transformers
- ENS6155 Microprocessor Systems
- ENS6160 Signals and Systems
- ENS6143 Power Systems 1
- ENS6162 Communication Systems 1
- ENS5253 Control Systems
- ENS5130 Advanced Industrial Control
- ENS5240 Industrial Control
- ENS5209 Process Control
Mechanical Engineering

Availability: Joondalup

Designed for students wishing to specialise in mechanical engineering. This course will extend your expertise in mechanical engineering fields such as Fluid Mechanics, Structural Analysis, Mechanical Design and Development and Computer Aided Design and Manufacturing among others.

Professional Recognition

Engineers Australia have accredited this unit set.

Major Structure

- ENS6138 Principles of Industrial Maintenance
- ENS6100 Fluid Mechanics
- ENS6149 Structural Analysis
- ENS6134 Materials and Manufacturing 2
- ENS6132 Mechanical Design and Development
- ENS6160 Signals and Systems
- ENS6105 Computer Aided Design and Manufacturing
- ENS5261 Advanced Materials and Manufacturing Systems
- ENS5114 Advanced Mechanical Design
- ENS5253 Control Systems
- ENS5200 Building Services
- ENS6136 Mechanics of Solids

Petroleum Engineering

Availability: Joondalup

Designed for students interested in petroleum engineering and provides the foundations for a professional engineering career in the oil and gas industry, both in Australia and internationally. It provides specialist knowledge in drilling, reservoir and petroleum production engineering. It focuses on the development of knowledge and skills relevant to professional engineering practice and, along with a sound theoretical base, includes strong elements of practical problem solving, team work and project development.

Professional Recognition

Engineers Australia have provisionally accredited this unit set.

Careers

Petroleum Engineer, Oil and Gas Engineer, Reservoir Engineer, Drilling Engineer, Production Engineer.

Major Structure

- ENS5566 Reservoir Engineering
- ENS6201 Reservoir Thermodynamics and Fluid Properties
- ENS6202 Reservoir Petrophysics and Formation Evaluation
- ENS5567 Well Testing
- ENS6100 Fluid Mechanics
- ENS6162 Drilling Engineering
- ENS6144 Engineering Geology and Rock Mechanics
- ENS6166 Process Engineering Fundamentals
- ENS5564 Unconventional Oil and Gas Resources
- ENS6161 Environmental and Process Risk Management
- ENS6165 Petroleum Production Engineering
- ENS5565 Reservoir Simulation

Mechatronics Engineering

Availability: Joondalup

Designed for students wishing to specialise in mechatronics. The course will provide students with additional knowledge and expertise in mechatronics engineering fields such as Robotics, Mechanical Design and Development, Advanced Materials and Manufacturing Systems and Electrical Machines and Transformers, among others.

Professional Recognition

Engineers Australia have accredited this unit set.

Major Structure

- ENS6154 Digital Electronics
- ENS6100 Fluid Mechanics
- ENS5442 Robotics 1
- ENS6134 Materials and Manufacturing 2
- ENS6155 Microprocessor Systems
- ENS6132 Mechanical Design and Development
- ENS6160 Signals and Systems
- ENS5261 Advanced Materials and Manufacturing Systems
- ENS6146 Instrumentation and Measurement
- ENS5253 Control Systems
- ENS5240 Industrial Control
- ENS5230 Electrical Machines and Transformers
MASTER OF ENGINEERING SCIENCE

Duration: 2 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 094280J
Annual Indicative Fees: $31,500
See more course information: ecu.edu.au/courses/J63

This research program provides for advanced-level research in electrical, electronic, computer, communication, civil, chemical, mechanical or mechatronic engineering.

Additional Admission Requirements
Four year Bachelor’s degree in engineering with a minimum course average of 65 per cent, with equivalents considered.

Course Structure
Students are required to continue to re-enrol in the thesis component of their study until the thesis is submitted for examination: Masters Thesis (NUR6200).

GRADUATE DIPLOMA IN PETROLEUM ENGINEERING

Duration: 1 Year
Availability: Joondalup
Intake: February & July
CRICOS Code: 095661K
Annual Indicative Fees: $30,500
See more course information: ecu.edu.au/courses/J69

Provides an opportunity for graduates from other fields to diversify their knowledge and skills in Petroleum Engineering. This course provides an opportunity for engineering graduates from other fields to develop the fundamental specialist knowledge to pursue career opportunities in the oil and gas industry, both in Australia and internationally. Petroleum Engineers work in a range of industry sectors, often related to oil and gas exploration, drilling and well completion, reservoir study, and hydrocarbon production from underground reservoirs.

Additional Admission Requirements
Bachelor of Engineering or Bachelor of Technology degree, with equivalents considered.

Careers
Petroleum Engineer, Oil and Gas Engineer, Exploration Engineer, Reservoir Engineer, Drilling Engineer, Refining Engineer, Production Engineer.

Course Structure
Students are required to complete 8 units.

Year 1 – Semester 1
ENS566 Reservoir Engineering
ENS6201 Reservoir Thermodynamics and Fluid Properties
ENS6202 Reservoir Petrophysics and Formation Evaluation
ENS5564 Unconventional Oil and Gas Resources

Year 1 – Semester 2
ENS562 Drilling Engineering
ENS565 Petroleum Production Engineering
ENS5567 Well Testing
ENS5565 Reservoir Simulation
POSTGRADUATE

MASTER OF TECHNOLOGY
(PETROLEUM ENGINEERING)

Duration: 1.5 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 095662J
Annual Indicative Fees: $30,500
See more course information: ecu.edu.au/courses/J70

Provides an opportunity for engineering graduates from other discipline areas to diversify their knowledge and skills into Petroleum Engineering. This course provides the foundations for a professional engineering career in the oil and gas industry, both in Australia and internationally. Petroleum Engineers work in a range of industry sectors, often related to oil and gas exploration, drilling and well completion, reservoir study, and hydrocarbon production from underground reservoirs.

Additional Admission Requirements
Bachelor of Engineering or Bachelor of Technology prior to enrolling into this course, with equivalents considered.

Careers
Petroleum Engineer, Oil and Gas Engineer, Exploration Engineer, Reservoir Engineer, Drilling Engineer, Production Engineer.

Course Structure
Students are required to complete 12 units.

Year 1 – Semester 1
- ENS5564 Unconventional Oil and Gas Resources
- ENS5566 Reservoir Engineering
- ENS6201 Reservoir Thermodynamics and Fluid Properties
- ENS6202 Reservoir Petrophysics and Formation Evaluation

Year 1 – Semester 2
- ENS5567 Well Testing
- ENS5565 Reservoir Simulation
- ENS5162 Drilling Engineering
- ENS5165 Petroleum Production Engineering

Year 2 – Semester 1
- ENS6166 Process Engineering Fundamentals
- ENS6139 Engineering Innovation and Ethics
- ENS6100 Fluid Mechanics
- ENS6226 Master of Technology Project

DOCTOR OF PHILOSOPHY

We also offer a PhD in the field of engineering and technology. For more details, please see pages 224–225.
ECU’s School of Medical and Health Sciences teaches an exciting and diverse range of disciplines.

Courses include biomedical science, health science, exercise and sports science, exercise science and rehabilitation, medical science, occupational therapy, paramedical science and speech pathology. Students have access to state-of-the-art facilities and specialised laboratories – all of which allow students to put theory into practice. Our undergraduate courses also provide a basis for honours and postgraduate studies, laying the groundwork for future careers in health and medicine.

CAREERS:

- Accredited Exercise Physiologist
- Clinical Scientist
- Environmental Health Officer
- Exercise Scientist
- Football Performance Analyst
- Government Health Worker
- Health Education Officer
- Health Officer
- Laboratory Manager
- Medical Scientist
- Microbiology Technician
- Neuromuscular Therapist
- Nutritionist
- Occupational Rehabilitation Officer
- Occupational Health & Safety Manager
- Paramedic
- Speech Therapist
- Sports Medicine Trainer
- Sport Physiologist
- Strength & Conditioning Coach
**EXERCISE AND SPORTS SCIENCE AT ECU**

ECU’s Exercise and Sports Science course is fully accredited by Exercise & Sports Science Australia (ESSA). Students can choose to complete an additional year of study via our Exercise Science and Rehabilitation course, which enables graduates to gain accreditation as an exercise physiologist through ESSA. ECU offers a range of specialised health and sporting facilities and purpose built laboratories to cater to the different roles in exercise and sports science, such as biomechanics, strength and conditioning, performance analysis and skill acquisition. In addition, an exciting 10-year agreement between ECU and the West Coast Eagles will see students being welcomed into the Club’s inner sanctum, working alongside West Coast Eagles staff and players.

**GET HANDS-ON IN ALLIED HEALTH**

Our fully accredited undergraduate courses in occupational therapy, speech pathology, exercise science and rehabilitation, paramedical science, and postgraduate nutrition and dietetics, give students access to well-equipped laboratories with specialised equipment and a range of simulated environments. Before going out on clinical placements, students can use these facilities to practice hands-on skills. Our staff have strong clinical backgrounds and know how to prepare students for entry into the health system.

**MEDICAL AND BIOMEDICAL SCIENCE STUDENTS LEARN IN STATE-OF-THE-ART FACILITIES**

ECU’s science laboratories are equipped to train medical science and biomedical science students in microbiology, genetics, haematology and biochemistry. Students have access to microbiology equipment for working with microbiological organisms and DNA. ECU also houses state of the art equipment for cell, DNA, RNA and protein isolation and characterisation, electrophoresis, automated microscopy and digital imaging, in addition to a fully-equipped histology laboratory. ECU is also home to only one of four authorised schools of anatomy in the wider metropolitan area. This allows staff and students to use human cadavers in the teaching of health courses, providing an authentic learning experience.

**HEALTH SCIENCE CAN OPEN DOORS**

We have the widest range of nationally and internationally accredited occupational health and safety, and occupational hygiene and toxicology programs in Australia. We also have the only accredited undergraduate environmental health major in Western Australia. All health science students undertake workplace practicums in their third year that are designed to prepare them for work opportunities in a broad range of public health disciplines.

**PROFESSIONAL ACCREDITATIONS AND ALLIANCES**

We offer courses that are professionally accredited, approved, or recognised by professional bodies, such as:

- Australian OSH Education Accreditation Board (AOSHEAB)
- Australian Occupational Therapy Association
- Council of Ambulance Authorities (CAA)
- Environmental Health Australia (EHA)
- Exercise & Sports Science Australia (ESSA)
- International Union for Health Promotion and Education (IUHPE)
- Speech Pathology Australia (SPA)

**INDUSTRY PARTNERS**

Many of our courses offer direct links with industry and professional organisations. Our students have undertaken work projects or professional experience at a number of renowned organisation, such as:

- Australian Institute of Sport
- Jamie’s Ministry of Food
- Local and State Government Departments
- Nutrition Australia WA
- Prostate Cancer Foundation
- Surf Lifesaving WA
- WA AIDS Council
- WA Cricket Association
- WA Football Commission
- West Coast Eagles
- Western Australian Centre for Rural Health

**UNIQUE COURSES IN WESTERN AUSTRALIA**

- Bachelor of Science (Sports Science and Football)
- Bachelor of Health Science (Environmental Health Major)

“I feel safe and a sense of belonging when I am at ECU.”

I chose ECU for biomedical science because it has a flexible course structure. In my three years of studies, I was allowed to take units that interest me as electives, while also completing compulsory (core) units. It enhanced my whole study experience.

The atmosphere at ECU is inclusive and has a community feeling to it. I feel safe and a sense of belonging when I am at ECU. Lecturers are very engaging and approachable which helped me keep track of my studies. They are knowledgeable and passionate about the things they do.

If you are an international student who is new to ECU, get yourself involved as much as you can in whatever interests you. Help is always available and there are people ready to advocate for you if you need them. Join a club or a university activity, volunteer your time and put yourself out there!

**ELSA CHEW**

Biomedical Science student

Malaysia
MEDICAL & HEALTH SCIENCES
UNDERGRADUATE

BACHELOR OF HEALTH SCIENCE

Duration: 3 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 071523G
Annual Indicative Fees: $32,850
See more course information: ecu.edu.au/courses/K97

Prepares students to be able to make a positive contribution to enhancing the health of communities. Health science is the study of the physical, psychological, social, and environmental dimensions of health. Students graduate with practical and theoretical knowledge and skills in communication, teamwork, critical thinking, innovation, and cross-cultural and international awareness. They are highly sought after and can choose a range of interesting and dynamic career pathways.

Students can choose to undertake two eight-unit majors, or a major and minor, in these disciplines: Addiction Studies, Environmental Management, Health Promotion, Nutrition, Occupational Safety and Health. Alternatively, students can undertake one 16-unit major in Nutrition Bioscience or Environmental Health. A minor in Youth Work is also available.

Majors
- Addiction Studies
- Environmental Health
- Environmental Management
- Health Promotion
- Nutrition
- Nutrition Bioscience
- Occupational Safety and Health

Practicum Requirement
Students are required to complete a Professional Practice unit as part of the course.

Careers
Community Health Officer, Environmental Health Officer, Youth Worker, Child Health Officer, Health Care Officer, Health Promotion Officer, Health Officer, Drug Policy Worker, Quit Smoking Project Officer.

MAJORS:

Addiction Studies
Availability: Joondalup

Provides students with an understanding of the use and problems associated with alcohol, tobacco and other psychoactive drugs. Students investigate fundamental concepts about drug use and drug users, psychoactive drug use, the nature of addiction and dependency and behaviour change. Australian and international approaches to drug policy, intervention initiatives, alcohol and other drug counselling skills, and evidence-based approaches to reducing harm are also covered.

Careers
Community Health Officer, Drug Rehabilitation Officer, Youth Worker, Child Health Officer, Health Care Officer, Health Promotion Officer, Health Officer, Drug Policy Worker, Quit Smoking Project Officer.

Major Structure

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>ADS1151</td>
<td>Addiction Studies: Fundamental Concepts</td>
</tr>
<tr>
<td>ADS1252</td>
<td>Addiction Studies: Psychoactive Drugs</td>
</tr>
<tr>
<td>ADS2253</td>
<td>Addiction Studies: Processes of Change</td>
</tr>
<tr>
<td>ADS2356</td>
<td>Addiction Studies: Intervention Initiatives</td>
</tr>
<tr>
<td>ADS3355</td>
<td>Addiction Studies: Social Action</td>
</tr>
<tr>
<td>ADS3252</td>
<td>Addiction Studies: Counselling Skills 1</td>
</tr>
<tr>
<td>ADS3351</td>
<td>Addiction Studies: Counselling Skills 2</td>
</tr>
<tr>
<td>ADS3458</td>
<td>Addiction Studies: Preventive Practice</td>
</tr>
</tbody>
</table>

Environmental Health
Availability: Joondalup

Designed to develop skills in the quantification and assessment of environmental health risks and public health safety.

Practicum Requirement
Students undertake a professional placement unit which comprises of a 140-hour placement in an environmental health department.

Clearance and/or Risk Management Protocols Required
Students will be required to sign contracts and ensure duty of care and insurance issues are covered.

Professional Recognition
Environmental Health Australia (EHA) have accredited this unit set.

Member
Graduates are eligible to apply for membership with the Environmental Health Australia.

Non-Standard Timetable
This major is studied online, however laboratory-based units require on-campus attendance.
Environmental Management

Availability: Joondalup & South West (Bunbury)

Designed for students who want to develop a specialisation in the area of environmental management, including sustainable management of natural areas and urban landscapes.

Careers
Environmental Officer, Environmental Consultant, Landcare Officer, Environmental Education Provider, Coastcare Officer, Landcare Ranger, Coastcare Ranger, Marine and National Park Ranger.

Major Structure

SCI1185 Ecology
SCI1193 Introduction to Environmental Science
SCC1123 Chemistry for the Life Sciences
SCI3307 Waste Management
SCPT134 Foundations of Physics
SCH2235 Applied Microbiology
SCH3227 The Biology of Human Disease

Select three units from the following list:

SCI2108 Environmental Management and Sustainability
SCI2115 Ecological Restoration
SCI2371 Sustainable Water
SCI3453 Sustainable Natural Resource Management
SCI3307 Waste Management
SCM2104 Geographical Information Systems
SCM2201 Soil and Land Processes

Health Promotion

Availability: Joondalup & South West (Bunbury)

Prepares students for a role as a health promotion professional in a changing global environment. Health promotion is the process of enabling people to increase control over their health by strengthening their skills and capabilities and reducing inequalities in the community.

Students will cover planning, development and implementation of health promotion policies and projects, such as Quit Smoking, Be Active or LiveLighter, using a variety of strategies, including e-health, mass media, community development and engagement processes, advocacy, social marketing, research and evaluation. The content also covers various health promotion settings (e.g. schools and rural areas) and population groups (e.g. refugees and minority groups, youth, and the ageing population).

Professional Recognition

International Union for Health Promotion and Education (IUHPE) have accredited this unit set. This professional accreditation offers graduates recognition internationally in health promotion practice and education. Graduates of the Bachelor of Health Science (majoring in Health Promotion) are eligible to apply for recognition as an IUHPE Registered Health Promotion practitioner, and have their name recorded on the IUHPE Health Promotion Accreditation System Global Register for a period of three years. Re-registration is based on agreed criteria for Continuing Professional Development (CPD) every three years.

Careers
Aged Care Worker, Asthma WA Worker, Diabetes Australia Worker, Cancer Council Worker, Disability WA Worker, Child Protection Officer, Health Promotion Officer, Injury Prevention Officer, Mental Health Worker.

Major Structure

HST1125 Health Priorities and Human Behaviour
HST1120 Introduction to Health Promotion
HST1183 Health, Society and Sustainability
HST2124 Health Communication
HST2220 Health Promotion Planning and Administration
HST2120 Community Development in Health Promotion
HST3100 Child and Adolescent Health
HST3101 Healthy Ageing
Nutrition

Availability: Joondalup & South West (Bunbury)

This major complements many other disciplines and is suited to students who aspire to be employed as a community or corporate nutritionist offering general nutrition advice, for employment in public health and health promotion roles. The major provides practical science-based knowledge about nutrients and the non-nutrient substances in food, the assessment of nutritional status, nutritional needs during the lifecycle, community nutrition issues, the psychology and sociology of food habits, and current controversies in nutrition.

Students undertaking this major should undertake a second major in Health Promotion, Addiction Studies or Occupational Safety and Health.

Membership

Students can apply for membership with the Nutrition Society of Australia (NSA). Graduates, who complete this nutrition major within a science degree, are eligible to apply to the Nutrition Society of Australia’s Register of Nutritionists.

Careers


Major Structure

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUT1121</td>
<td>Human Nutrition</td>
</tr>
<tr>
<td>NUT1111</td>
<td>Food and Nutrients</td>
</tr>
<tr>
<td>NUT1112</td>
<td>Nutrition and Public Health</td>
</tr>
<tr>
<td>NUT2210</td>
<td>Nutrition in the Life Cycle</td>
</tr>
<tr>
<td>NUT2220</td>
<td>Nutritional Assessment</td>
</tr>
</tbody>
</table>

Select three units from the following list:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUT3215</td>
<td>Exercise Nutrition</td>
</tr>
<tr>
<td>NUT3231</td>
<td>Food Habits and Trends</td>
</tr>
<tr>
<td>NUT3221</td>
<td>Community Nutrition</td>
</tr>
<tr>
<td>NUT3241</td>
<td>Controversies in Nutrition</td>
</tr>
</tbody>
</table>

Nutrition Bioscience

Availability: Joondalup

Suited to students who aspire to be employed as a community or corporate nutritionist, or in roles which include undertaking nutritional assessment and offering general nutrition advice. The major provides students with an understanding of the known nutrients and the non-nutrient substances in food, the assessment of nutritional status, nutritional needs during the lifecycle, community nutrition issues, the psychology and sociology of food habits, and current controversies in nutrition, biochemistry and human physiology.

Students should select this major if they wish to apply for entry into postgraduate Nutrition and Dietetics.

Membership

Students can apply for membership with the Nutrition Society of Australia (NSA). Graduates who complete this nutrition major within a science degree, are eligible to apply to the Nutrition Society of Australia’s Register of Nutritionists.

Careers


Major Structure

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<td>Food and Nutrients</td>
</tr>
<tr>
<td>NUT1112</td>
<td>Nutrition and Public Health</td>
</tr>
</tbody>
</table>

SCC1123 Chemistry for the Life Sciences

or

SCC1111 General Chemistry

SCC1226 Introduction to Organic Chemistry and Biochemistry

NUT2211 Metabolic Biochemistry

SCC2211 Organic Chemistry

SCH2232 Medical Biochemistry

SCH2111 Applied Physiology

SCH2235 Applied Microbiology

NUT2210 Nutrition in the Life Cycle

NUT2220 Nutritional Assessment

SCH3227 The Biology of Human Disease

SCH3434 Human Reproduction, Development and Ageing

Select two units from the following list:

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</thead>
<tbody>
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<td>NUT3215</td>
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<td>NUT3241</td>
<td>Controversies in Nutrition</td>
</tr>
<tr>
<td>NUT3221</td>
<td>Community Nutrition</td>
</tr>
<tr>
<td>NUT3215</td>
<td>Exercise Nutrition</td>
</tr>
</tbody>
</table>
Occupational Safety and Health

Availability: Joondalup & South West (Bunbury)

Provides students with an introduction to this profession and equips them with the knowledge and skills to function effectively in the health and safety industry. Students undertaking this major as part of the Bachelor of Health Science should select a second major in Environmental Management, Health Promotion, Addiction Studies or Nutrition.

Professional Recognition

Institution of Occupational Safety and Health have accredited this unit set. Australian OHS Education Accreditation Board (AOHSEAB) have accredited this major.

Membership

Graduates are eligible to apply for membership with the Institution of Occupational Safety and Health. Graduates of K97 will be eligible to apply for our graduate level of membership Grad IOSH. They will then be required to undertake a period of Initial Professional Development which will require students to provide evidence of their practice skills in a skills development portfolio (IPD), at the end of this period there will be a professional review interview. After successful completion of this IPD process students will then be eligible for the chartered membership of IOSH (CMIOSH). Students can apply for membership with the Safety Institute of Australia (SIA). Students can either join as a Student member or an Associate Member.

Careers

Occupational Safety and Health Manager, Occupational Hygiene Technician, Workers Compensation Administrator, Rehabilitation Officer, Risk Manager, Community Health Officer.

Major Structure

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST1154</td>
<td>Occupational Health and Safety Law</td>
</tr>
<tr>
<td>HST1152</td>
<td>Introduction to Occupational Health and Safety</td>
</tr>
<tr>
<td>SCC1123</td>
<td>Chemistry for the Life Sciences</td>
</tr>
<tr>
<td>HST2256</td>
<td>Occupational Hygiene</td>
</tr>
<tr>
<td>HST2145</td>
<td>Risk Management</td>
</tr>
<tr>
<td>HST3358</td>
<td>Ergonomics and Work Design</td>
</tr>
<tr>
<td>HST3503</td>
<td>Workplace Compensation and Injury Management</td>
</tr>
<tr>
<td>HST3357</td>
<td>Occupational Safety and Health Management</td>
</tr>
</tbody>
</table>

BACHELOR OF MEDICAL SCIENCE

Duration: 3 Years

Availability: Joondalup

Intake: February & July

CRICOS Code: 077134E

Annual Indicative Fees: $33,700

See more course information: [ecu.edu.au/courses/C32](https://ecu.edu.au/courses/C32)

Enables students to learn about the basis for human disease, its detection and the range of scientific endeavours to treat disease and improve health. As the complexity of healthcare increases there will be a greater need for medical science graduates to support the continuum of health service delivery from community-based projects to highly specialised laboratories.

Careers

Biomedical Technician, Science Teacher, Medical Representative, Research Officer, Laboratory Manager, Laboratory Scientist, Laboratory Researcher.

Course Structure

Students are required to complete 24 units.

Year 1 – Semester 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>SCH1101</td>
<td>Cultural Studies</td>
</tr>
<tr>
<td>MHS1101</td>
<td>Anatomy and Physiology 1</td>
</tr>
<tr>
<td>SCH1133</td>
<td>Human Genetics</td>
</tr>
<tr>
<td>SCC1123</td>
<td>Chemistry for the Life Sciences</td>
</tr>
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</table>

Year 1 – Semester 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCH1104</td>
<td>Introduction to Pathophysiology</td>
</tr>
<tr>
<td>MHS1102</td>
<td>Anatomy and Physiology 2</td>
</tr>
<tr>
<td>SCH1132</td>
<td>Human Evolution and Ecology</td>
</tr>
<tr>
<td>SCC1226</td>
<td>Introduction to Organic Chemistry and Biochemistry</td>
</tr>
</tbody>
</table>

Year 2 – Semester 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCH2226</td>
<td>Human Molecular Genetics</td>
</tr>
<tr>
<td>SCH2232</td>
<td>Medical Biochemistry</td>
</tr>
<tr>
<td>SCH2235</td>
<td>Applied Microbiology</td>
</tr>
<tr>
<td>MMS2200</td>
<td>Introduction to Histology and Histotechniques</td>
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</table>

Year 2 – Semester 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCH2141</td>
<td>Advanced Biomedical Techniques</td>
</tr>
<tr>
<td>MMSZ102</td>
<td>Medical Microbiology</td>
</tr>
<tr>
<td>MMS2101</td>
<td>Introduction to Haematology</td>
</tr>
<tr>
<td>SCP1134</td>
<td>Foundations of Physics</td>
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</table>

Year 3 – Semester 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCH3227</td>
<td>The Biology of Human Disease</td>
</tr>
<tr>
<td>SCH3223</td>
<td>Medical Genetics</td>
</tr>
<tr>
<td>MMS3101</td>
<td>Evolutionary Perspectives on Health and Disease</td>
</tr>
<tr>
<td>SCH3145</td>
<td>Biomedical Ethics</td>
</tr>
</tbody>
</table>
Year 3 – Semester 2
SCH3244 Developmental Biology
SCH3434 Human Reproduction, Development and Ageing

Select two units from the following list:
SCH3239 Human Immunology
MMS2103 Clinical Biochemistry
MMS3115 Histopathology and Applied Histotechniques
MMS3112 Safety and Quality in Healthcare

Course Structure
Students are required to complete 24 units:
• 16 Core Units
• 8 Major / Minor / Elective Units

Year 1 – Semester 1
SCH1101 Cultural Studies
MHS1101 Anatomy and Physiology 1
Major / Minor / Elective Unit

Select one unit from the following list:
MAT1114 Introductory Statistics
SCC1123 Chemistry for the Life Sciences

Year 1 – Semester 2
SCH1104 Introduction to Pathophysiology
SCC1226 Introduction to Organic Chemistry and Biochemistry
MHS1102 Anatomy and Physiology 2
Major / Minor / Elective Unit

Select two units from the following list:
SCH2111 Applied Physiology
SCH2235 Applied Microbiology
SCH1111 Fundamental Biomedical Techniques

Year 2 – Semester 1
HST2122 Health Research Methodology
SCH2232 Medical Biochemistry
Major / Minor / Elective Unit

Year 2 – Semester 2
SCH2111 Applied Physiology

Select two units from the following list:
SCH2141 Advanced Biomedical Techniques
MMS2103 Clinical Biochemistry
MMS2102 Medical Microbiology
Major / Minor / Elective Units

Provides the knowledge, skills and attributes required to prepare graduates for the field of biomedical science. The course covers the theory, practical experience and knowledge necessary for graduates to gain employment in the biomedical professions.

Included in the course are studies in anatomy, physiology, microbiology, immunology, pharmacology and biomedical ethics. Graduates can continue on to specialise in one of these laboratory disciplines: medical microbiology, clinical chemistry, transfusion science, haematology, histopathology, cytology, virology, immunology, medicine.

Majors
• Applied Chemistry • Data Science • Forensic Science
• Human Biology • Human Genetics

Additional Admission Requirements
One or more of the majors in this course has admission requirements; refer to the major for more information.

Careers
Audiology, Biochemistry Technician, Haematology Technician, Histology Technician, Laboratory Manager, Laboratory Technician, Medical Researcher, Microbiology Technician, Biomedical Technician.
Year 3 – Semester 1
Select two units from the following list:

- SCH3227  The Biology of Human Disease
- MMS3101  Evolutionary Perspectives on Health and Disease
- SCH3145  Biomedical Ethics
- HST3501  Health Research Project
- Major / Minor / Elective

Year 3 – Semester 2
Select two units from the following list:

- SCH3239  Human Immunology
- SCH3244  Developmental Biology
- SCH3434  Human Reproduction, Development and Ageing
- Major / Minor / Elective

MAJORS:

Applied Chemistry

Availability: Joondalup

Provides a thorough grounding in analytical chemistry. With a strong emphasis on developing analytical skills and instrumentation, students study diverse methods used to investigate the chemical nature of substances in a range of applications – from pure laboratory analysis to environmental investigations and monitoring and medical settings.

Careers


Major Structure

- SCC1111  General Chemistry
- SCC1201  Chemistry: Structure and Reactions
- SCC2211  Organic Chemistry
- SCC2301  Forensic and Analytical Chemistry
- SCC3201  Analytical Chemistry
- SCI3150  Science Project

Select two units from the following list:

- SCI3309  Biological and Chemical Hazards
- SCI3206  Environmental Investigation and Monitoring
- SCI2112  Molecular Biology and Biochemistry
- SCI2117  Genetics
- SCH2232  Medical Biochemistry
- SCH1133  Human Genetics
- SCH2226  Human Molecular Genetics
- SCH2142  Forensic Genetics

Data Science

Availability: Joondalup

Focuses on the numeracy and analytical repertoire of graduates. Graduates will gain statistical expertise in analysing and visualising simple and complex data sets from a variety of sources such as disease markers, genomic and transcriptomic data and business data sets. Graduates will be competitive in the data science job market as it is implemented in computing, business and the natural sciences.

Additional Admission Requirements

All applicants are required to complete as a minimum MAT1108 Foundations of Mathematics or Year 11 Mathematics Methods ATAR, with equivalents considered.

Employment Opportunities

Data Analyst, Data Scientist, Applied Statistician

Major Structure

- MAT1137  Introductory Applied Mathematics
- MAT1252  Mathematics for Computing
- CSP1150  Programming Principles
- CSG1207  Systems and Database Design
- MAT2110  Applied Statistics
- MAT2440  Time Series Forecasting
- MAT3110  Applied Multivariate Statistics
- MAT3120  Machine Learning and Data Visualisation

Forensic Science

Availability: Joondalup

This Forensic Science major combines specialised forensic studies within the physical and biomedical sciences that underpin forensic investigations. Students focus on techniques, issues and challenges in forensic science, and develop a holistic approach that spans evidence collection, testing and analysis techniques, and prosecution.

Students study in state-of-the-art facilities and forensic laboratories, including the ECU Health Simulation Centre where simulated crime scenes provide practical experience that is as close as you can get to real-word investigations.

This major is developed in consultation with industry and students have opportunities to hear from professionals in the forensic field, so you learn the practical skills employers are looking for.

The specialised forensic science instruction, combined with the broad biomedical science knowledge and skills learned, opens doors to a broad range of careers.

Careers

Forensic Investigator, Laboratory Technician, Forensic Laboratory Technician, Scene-of-Crime Technician.
## Major Structure

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCH1133</td>
<td>Human Genetics</td>
</tr>
<tr>
<td>CS1101</td>
<td>Computer Security</td>
</tr>
<tr>
<td>SCH2142</td>
<td>Forensic Genetics</td>
</tr>
<tr>
<td>SCH2143</td>
<td>Forensic Skills</td>
</tr>
<tr>
<td>CSG2305</td>
<td>Computer Forensics</td>
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<tr>
<td>SCH3216</td>
<td>Advanced Forensic Skills</td>
</tr>
<tr>
<td>SCH3217</td>
<td>Forensic Methodology</td>
</tr>
<tr>
<td>LAW3600</td>
<td>Coronal Law and Mortuary Practice</td>
</tr>
</tbody>
</table>

## Human Biology

### Availability: Joondalup

Offers students the opportunity to focus on issues of health and disease. It combines the traditional interests of Human Biologists, including genetics, anatomy and physiology and evolution, with a biomedical analysis of the human condition.

### Careers

Medical Scientists, Research Scientists, Medical Representatives, Research Officers, Research Assistants, Biomedical Technicians, Science Teachers, Lecturers, Scientific Communicators, Medical Administrators.

### Major Structure

Note: Units listed below that are core of your program (course) cannot be counted towards this Major.

The Human Biology Major is eight (8) units.

Students may select up to four units from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>MHS1101</td>
<td>Anatomy and Physiology 1</td>
</tr>
<tr>
<td>MHS1102</td>
<td>Anatomy and Physiology 2</td>
</tr>
<tr>
<td>SCH1104</td>
<td>Introduction to Pathophysiology</td>
</tr>
<tr>
<td>SCH1105</td>
<td>Introduction to Pharmacology</td>
</tr>
<tr>
<td>SCH1111</td>
<td>Fundamental Biomedical Techniques</td>
</tr>
<tr>
<td>SCH1132</td>
<td>Human Evolution and Ecology</td>
</tr>
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<td>SCH1133</td>
<td>Human Genetics</td>
</tr>
</tbody>
</table>

Students must complete at least two units from the following list:

<table>
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</thead>
<tbody>
<tr>
<td>SCH2111</td>
<td>Applied Physiology</td>
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<tr>
<td>SCH2141</td>
<td>Advanced Biomedical Techniques</td>
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<td>Forensic Genetics</td>
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<td>SCH2235</td>
<td>Applied Microbiology</td>
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</tbody>
</table>

## Human Genetics

### Availability: Joondalup

Ensures students are highly skilled in molecular biology and genetics, including bioinformatics. The major includes a strong focus on laboratory skills and analysis, as well as up-to-date lectures incorporating the latest developments in genetics research ensures that students are well prepared to find employment in a range of laboratory and other scientific positions.

### Work Experience Option

Students undertaking the Medical Genetics unit have the option to volunteer in a Genetic Support Group of their choice as part of their work experience. Students who do not wish to volunteer are given alternative activities and assessments.

### Careers

Specialists, Medical Scientists, Research Scientists, Research Officers, Research Assistants, Laboratory Managers, Biomedical Technicians, Medical Representative.

### Major Structure

<table>
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<th>Course Name</th>
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<tbody>
<tr>
<td>SCH1132</td>
<td>Human Evolution and Ecology</td>
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<td>SCH1133</td>
<td>Human Genetics</td>
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<tr>
<td>SCH2141</td>
<td>Advanced Biomedical Techniques</td>
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<tr>
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<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCH3145</td>
<td>Biomedical Ethics</td>
</tr>
<tr>
<td>SCH3223</td>
<td>Medical Genetics</td>
</tr>
<tr>
<td>SCH3227</td>
<td>The Biology of Human Disease</td>
</tr>
<tr>
<td>SCH3239</td>
<td>Human Immunology</td>
</tr>
<tr>
<td>SCH3244</td>
<td>Developmental Biology</td>
</tr>
<tr>
<td>SCH3434</td>
<td>Human Reproduction, Development and Ageing</td>
</tr>
<tr>
<td>MMS3101</td>
<td>Evolutionary Perspectives on Health and Disease</td>
</tr>
</tbody>
</table>
BACHELOR OF SCIENCE (EXERCISE AND SPORTS SCIENCE)

Duration: 3 Years
Availability: Joondalup & South West (Bunbury)
Intake: February & July

ECU South West Students: The first year (i.e. 8 units) of the Bachelor of Science (Exercise and Sport Science) can be completed at the Bunbury Campus. The remaining units (i.e. 16 units) must be completed at the Joondalup Campus.

CRICOS Code: 055462D
Annual Indicative Fees: $33,850
See more course information: ecu.edu.au/courses/M89

Prepares students for a variety of professional roles in the private, corporate and government sectors where high levels of competence are required in the area of exercise and sports science. Students will be able to specialise in the design, implementation and evaluation of programs targeted at improving general health and well-being, the prevention of chronic disease and the enhancement of sports and exercise performance.

Majors
• Football Performance • Health Promotion • Nutrition
• Occupational Safety and Health • Sport Business

Practicum Requirement
Students are required to complete 2 mandatory practicum units: SPS3112 (140 hours), SPS2524 Exercise Delivery (30 hours).
The Recommended Elective SPS3604 includes 30 hours of work placement.

Professional Recognition
Exercise and Sports Science Australia (ESSA) have accredited this course. The course is Professionally-Accredited by Exercise and Sports Science Australia (ESSA), if completed in Australia.

Professional Registration
Students will need to graduate to be eligible to register with the Exercise & Sports Science Australia (ESSA).

Careers

Course Structure
Students are required to complete 24 units.
• 15 Core units
• 1 Prescribed Elective Unit
• 8 Major / Minor / Elective Units

Year 1 – Semester 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
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<tbody>
<tr>
<td>MHS1101</td>
<td>Anatomy and Physiology 1</td>
</tr>
<tr>
<td>SPS1525</td>
<td>Lifespan Growth and Development</td>
</tr>
<tr>
<td>NUT1121</td>
<td>Human Nutrition</td>
</tr>
<tr>
<td>Major / Minor / Elective Unit</td>
<td>1 x Major / Minor / Elective Unit</td>
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</table>

Year 1 – Semester 2

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<tr>
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<tr>
<td>SPS1111</td>
<td>Foundations of Fitness and Training</td>
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<tr>
<td>SPS1502</td>
<td>Biomechanics</td>
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<tr>
<td>MHS1102</td>
<td>Anatomy and Physiology 2</td>
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<td>1 x Major / Minor / Elective Unit</td>
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Year 2 – Semester 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
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<tbody>
<tr>
<td>SPS1217</td>
<td>Functional Anatomy</td>
</tr>
<tr>
<td>SPS2203</td>
<td>Principles and Practices of Resistance Training</td>
</tr>
<tr>
<td>SPS2505</td>
<td>Exercise Physiology</td>
</tr>
<tr>
<td>Major / Minor / Elective</td>
<td>1 x Major / Minor / Elective Unit</td>
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Year 2 – Semester 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
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<tbody>
<tr>
<td>MAT2107</td>
<td>Statistical Research Methods</td>
</tr>
<tr>
<td>SPS2524</td>
<td>Exercise Delivery</td>
</tr>
<tr>
<td>SPS2516</td>
<td>Motor Learning and Control</td>
</tr>
<tr>
<td>Major / Minor / Elective</td>
<td>1 x Major / Minor / Elective Unit</td>
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Year 3 – Semester 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
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<tbody>
<tr>
<td>SPS3101</td>
<td>Psychology of Sport and Exercise</td>
</tr>
<tr>
<td>SPS3112</td>
<td>Exercise and Sports Science Practicum</td>
</tr>
<tr>
<td>Major / Minor / Elective</td>
<td>2 x Major / Minor / Elective Units</td>
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</table>

Year 3 – Semester 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
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<tr>
<td>SPS3111</td>
<td>Physical Activity and Health</td>
</tr>
<tr>
<td>Major / Minor / Elective</td>
<td>2 x Major / Minor / Recommended Elective Units</td>
</tr>
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</table>

Select one Prescribed Elective Unit from the following list:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>SPS3516</td>
<td>Advanced Motor Learning and Control</td>
</tr>
<tr>
<td>SPS3502</td>
<td>Advanced Biomechanics</td>
</tr>
<tr>
<td>SPS3505</td>
<td>Advanced Exercise Physiology</td>
</tr>
<tr>
<td>SPS3105</td>
<td>Advanced Resistance Training</td>
</tr>
<tr>
<td>SPS3601</td>
<td>Advanced Social Psychology of Exercise and Sport</td>
</tr>
</tbody>
</table>


Majors:

Football Performance

Availability: Joondalup

Allow students to understand how to apply exercise and sports science skills to football. This major extends existing theory of exercise and sports science into football (soccer and Australian rules football). The major addresses coaching, performance analysis, player monitoring, leadership, injury management and athlete development and prepares students for a career in applied sport science in team sports environments.

Careers


Major Structure

- SPS1109 Fundamentals of Football Coaching
- SPS1210 Performance Analysis and Player Monitoring in Sport
- SPS2615 Sports Injury Prevention and Management
- SPS2209 Assessment of the Football Player
- SPS3110 Football Strength and Conditioning
- SPS3530 Principles and Practices of Coaching

Select two units from the following list:

- SPS2301 Exercise Rehabilitation
- NUT3215 Exercise Nutrition
- MAN3121 Leadership
- SPS3505 Advanced Exercise Physiology
- SPS3105 Advanced Resistance Training
- SPS3601 Advanced Social Psychology of Exercise and Sport

Health Promotion

Availability: South West (Bunbury) & Joondalup

Prepares students for a role as a health promotion professional in a changing global environment. Health promotion is the process of enabling people to increase control over their health by strengthening their skills and capabilities and reducing inequalities in the community.

Students will cover planning, development and implementation of health promotion policies and projects, such as Quit Smoking, Be Active or LiveLighter, using a variety of strategies, including e-health, mass media, community development and engagement processes, advocacy, social marketing, research and evaluation. The content also covers various health promotion settings (e.g. schools and rural areas) and population groups (e.g. refugees and minority groups, youth, and the ageing population).

Professional Recognition

International Union for Health Promotion and Education (IUHPE) have accredited this unit set. This professional accreditation offers graduates recognition internationally in health promotion practice and education. Graduates of the Bachelor of Health Science (majoring in Health Promotion) are eligible to apply for recognition as an IUHPE Registered Health Promotion practitioner, and have their name recorded on the IUHPE Health Promotion Accreditation System Global Register for a period of three years. Re-registration is based on agreed criteria for Continuing Professional Development (CPD) every three years.

Careers

Aged Care Worker, Asthma WA Worker, Diabetes Australia Worker, Cancer Council Worker, Disability WA Worker, Child Protection Officer, Health Promotion Officer, Injury Prevention Officer, Mental Health Worker.

Major Structure

- HST1125 Health Priorities and Human Behaviour
- HST1120 Introduction to Health Promotion
- HST1183 Health, Society and Sustainability
- HST2124 Health Communication
- HST2220 Health Promotion Planning and Administration
- HST2120 Community Development in Health Promotion
- HST3100 Child and Adolescent Health
- HST3101 Healthy Ageing

Nutrition

Availability: Joondalup

This major complements many other disciplines and is suited to students who aspire to be employed as a community or corporate nutritionist offering general nutrition advice, or for employment in public health and health promotion roles. The major provides practical science-based knowledge about nutrients and the non-nutrient substances in food, the assessment of nutritional status, nutritional needs during the lifecycle, community nutrition issues, the psychology and sociology of food habits, and current controversies in nutrition.

Membership

Students can apply for membership with the Nutrition Society of Australia (NSA). Enrolled students and graduates can apply for membership of the Nutrition Society of Australia (NSA). Graduates, who complete this nutrition major within a science degree, are eligible to apply to the Nutrition Society of Australia’s Register of Nutritionists.

Careers

**Occupational Safety and Health**

**Availability:** Joondalup & South West (Bunbury)

Provides students with an introduction to this profession and equips them with the knowledge and skills to function effectively in the health and safety industry. Students undertaking this major as part of the Bachelor of Health Science should select a second major in Environmental Management, Health Promotion, Addiction Studies or Nutrition.

**Professional Recognition**

Institution of Occupational Safety and Health have accredited this unit set. Australian OHS Education Accreditation Board (AOHSEAB) have accredited this unit set.

**Membership**

Graduates are eligible to apply for membership with the Institution of Occupational Safety and Health. Graduates of K97 will be eligible to apply for our graduate level of membership Grad IOSH. They will then be required to undertake a period of Initial Professional Development which will require students to provide evidence of their practice skills in a skills development portfolio (IPD), at the end of this period there will be a professional review interview. After successful completion of this IPD process students will then be eligible for the chartered membership of IOSH (CMIOSH). Students can apply for membership with the Australian Institute of Occupational Hygienists (AIOH). Students can apply for membership with the Safety Institute of Australia (SIA). Students can apply for membership with the Australian Institute of Occupational Hygienists (AIOH). Students can either join as a Student member or an Associate Member.

**Careers**

Occupational Safety and Health Manager, Occupational Hygiene Technician, Workers Compensation Administrator, Rehabilitation Officer, Risk Manager, Community Health Officer.

**Major Structure**

- HST1154 Occupational Health and Safety Law
- HST1152 Introduction to Occupational Health and Safety
- SCC1123 Chemistry for the Life Sciences
- HST2256 Occupational Hygiene
- HST2145 Risk Management
- HST3358 Ergonomics and Work Design
- HST3503 Workplace Compensation and Injury Management
- HST3357 Occupational Safety and Health Management

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**Undergraduate**

**Sport Business**

**Availability:** Joondalup

Sport not only provides entertainment to hundreds of thousands of people around the world, it is also a multi-million dollar industry. It provides job opportunities for venue managers, marketing managers, finance managers, sport development managers, player managers, health and fitness franchisees, sport business owners and more.

The commercialisation and professionalisation of sport as a global industry has increased demand for university graduates with the knowledge, practical skills and transferable employability skills required to function as business professionals and industry leaders in contemporary sport agencies and organisations, as well as for managing their own sport business.

This major commences with an introduction to the sport industry and focuses on the application of key sport business principles including; marketing, sport delivery systems, strategic and human resource management, funding and finance, legal aspects, sport venue and event management, and business research and planning. It also offers a range of situated learning experiences, including industry practicum placements, and community-interactive project work.

**Practicum Requirement**

Students will undertake work placement in one unit in a not-for-profit, incorporated sport organisation/club.

**Clearance and/or Risk Management Protocols Required**

Some organisations may require clearances, screenings and certificates, and will liaise directly with students regarding any requirements.

**Non-Standard Timetable**

Please note this major has a practicum unit (SPM2111) which is core to the program.

Students will be required to complete a minimum of 20 hours at a host organisation. These hours may be outside normal university hours.

**Careers**

Sport Association CEO, Sport Development Manager, Sport Event Manager, Sport Marketing & Sponsorship Manager, Sport Corporate Affairs Manager, Sport Communications Manager, Sport Membership Manager, Sport Club Manager, Player Manager, Sport Business Owner/Manager.

**Major Structure**

- SPM2112 Sport Delivery Systems
- SPM2111 Sport Organisation Management
- SPM2510 Marketing and Communications for Sport and Events
- SPM3655 Sport and Events Funding and Finance
- SPM3114 Sport Venues and Events
- SPM3113 Sport and Leisure Law
- BUS3100 Business Research Practices
- SPM3221 Sport Business Planning
## Bachelor of Science (Exercise Science and Rehabilitation)

**Duration:** 4 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 060854A  
**Annual Indicative Fees:** $33,750

See more course information: [ecu.edu.au/courses/M90](http://ecu.edu.au/courses/M90)

Provides students with the opportunity to gain knowledge, skills and experience in clinical exercise delivery, healthy lifestyle intervention and wellness programs for people living with chronic conditions or injuries, and the healthy population.

### Additional Admission Requirements
Higher entry requirements apply.

Applicants are required to be assessed for entry by the course coordinator where the student has undertaken prior tertiary study. Students with no prior tertiary study will be assessed by University Admissions.

### Practicum Requirement
Students are required to complete 3 mandatory practicum units as part of their course.

**Mandatory:** SPS3112 (140 hours), SPS2524 Exercise Delivery (30 hours), SPS4126 (360 hours).

### Professional Recognition
Exercise and Sports Science Australia (ESSA) have accredited this course.

### Professional Registration
Students will need to graduate to be eligible to register with the Exercise & Sports Science Australia (ESSA). Registration with the Exercise & Sports Science Australia (ESSA) is required to practice in the profession.

### Careers
Professionally-Accredited Exercise Physiologist, Exercise Rehabilitation Coordinator, Exercise Science Researcher, Compensation & Rehabilitation Officer, Exercise Rehabilitator, Workers’ Compensation Officer, Health Care Officer, Occupational Rehabilitation Officer, Work Cover Services Manager.

### Course Structure
Students are required to complete 29 units.

#### Year 1 – Semester 1
- MHS1101 Anatomy and Physiology 1
- SPS1525 Lifespan Growth and Development
- NUT1121 Human Nutrition
- SPS2615 Sports Injury Prevention and Management

#### Year 2 – Semester 1
- SPS1217 Functional Anatomy
- SPS2505 Exercise Physiology
- SPS2203 Principles and Practices of Resistance Training
- SCH1105 Introduction to Pharmacology

#### Year 2 – Semester 2
- SPS2524 Exercise Delivery
- MAT2107 Statistical Research Methods
- SPS2301 Exercise Rehabilitation
- SPS2516 Motor Learning and Control

#### Year 3 – Semester 1
- SPS3112 Exercise and Sports Science Practicum
- SPS3120 Psycho-social Aspects in Physical Activity and Chronic Disease
- SPS3101 Psychology of Sport and Exercise

Select one unit from the following list:

- NUT2211 Metabolic Biochemistry
- NUT3215 Exercise Nutrition
- SCH2232 Medical Biochemistry
- SCH2111 Applied Physiology
- SPM2111 Sport Organisation Management
- SPM3221 Sport Business Planning

#### Year 3 – Semester 2
- SPS3111 Physical Activity and Health
- SPS3604 Human Movement – Participation and Inclusion
- SPS3121 Professional Skills in Clinical Exercise Physiology

Select one Core Unit Option from the following list:

- SPS3516 Advanced Motor Learning and Control
- SPS3502 Advanced Biomechanics
- SPS3505 Advanced Exercise Physiology
- SPS3105 Advanced Resistance Training
- SPS3601 Advanced Social Psychology of Exercise and Sport
The double degree includes concurrent study in the disciplines of Exercise and Sports Science, and Sport Business, and is ideal for those students seeking to work in management positions within sport industries. The course is designed for students who wish to gain a comprehensive understanding of sport through both the business and management of sport organisations, as well as the science underpinning exercise for health and sporting performance.

The Exercise & Sports Science core degree equips students with the knowledge and practical skills to specialise in the design, implementation and evaluation of programs spanning from improving general health and well-being to enhancing sport performance in elite athletes. The course commences with the study of the human body and focuses on the application to exercise and sport including: exercise physiology, exercise and sports psychology, biomechanics, motor learning and control and strength and conditioning.

The Sports Business core degree equips students with the knowledge and practical skills required to function as professionals and industry leaders in contemporary sport agencies and organisations, as well as managing their own sport business. The course commences with an introduction to the sport industry and the application of key business principles and practices including; accounting, marketing, business analytics, sport delivery systems, strategic and human resource management, funding and finance, legal aspects, sport venue and event management, and sport business planning.

Majors
• Sport Business

Clinical or Professional Work Placement Requirement

SPM1102: Students will undertake a 20-hour work placement in a not-for-profit, incorporated sport organisation/club. There are attendance requirements for this clinical or professional work placement. Students on clinical or professional work placement must observe professional practice rules.

SPM2104: Students will undertake a 25-hour work placement in a staffed, recreation facility setting. There are attendance requirements for this clinical or professional work placement. Students on clinical or professional work placement must observe professional practice rules.

Practicum Requirement

SPS3112 Exercise and Sports Science Practicum: Students are required to undertake a 140-hour work placement in an exercise and sports science related industry.

SPS2524 Exercise Delivery: Students are required to undertake 30 hours during an internal practicum.

Practicum Option

FBL3501: Students will complete between 100 and 150 hours of work experience within a public, private or not-for-profit organisation.

Careers

Sport Business Owner/Manager, Sport Development Officer/Manager, Corporate Fitness Director, Physical Activity Coordinator, Player Welfare Manager, High Performance Manager, Health and Wellness Case Manager, Health and Fitness Centre Leader, Sports Coaching Director.

Course Structure

Students are required to complete 24 units:
• 15 Core units
• 1 Prescribed Elective Unit
• 8 Major / Minor / Elective Units

Year 1 – Semester 1

MHS1101 Anatomy and Physiology 1
SPS1525 Lifespan Growth and Development
SBL1100 Foundations of Business
SPM2112 Sport Delivery Systems

Year 1 – Semester 2

SPS1502 Biomechanics
MHS1102 Anatomy and Physiology 2
SBL1300 Business Environments & Markets
SPM2111 Sport Organisation Management

Year 2 – Semester 1

SPS1111 Foundations of Fitness and Training
NUT1121 Human Nutrition
SBL1600 Business Identity and Protocols
SPM1102 Sport and Recreation Leadership and Programming
The commercialisation and professionalisation of sport as a global industry has increased demand for university graduates with the knowledge, practical skills and transferable employability skills required to function as business professionals and industry leaders in contemporary sport agencies and organisations, as well as for managing their own sport business.

This major commences with an introduction to the sport industry and focuses on the application of key sport business principles including; marketing, sport delivery systems, strategic and human resource management, funding and finance, legal aspects, sport venue and event management, and business research and planning. It also offers a range of situated learning experiences, including industry practicum placements, and community-interactive project work.

**Practicum Requirement**
Students will undertake a work placement in one unit in a not-for-profit, incorporated sport organisation/club.

**Clearance and/or Risk Management Protocols Required**
Some organisations may require clearances, screenings and certificates, and will liaise directly with students regarding any requirements.

**Non-Standard Timetable**
Please note this major has a practicum unit (SPM2111) which is core to the program.

Students will be required to complete a minimum of 20 hours at a host organisation. These hours may be outside normal university hours.

**Careers**
Sport Association CEO, Sport Development Manager, Sport Event Manager, Sport Marketing & Sponsorship Manager, Sport Corporate Affairs Manager, Sport Communications Manager, Sport Membership Manager, Sport Club Manager, Player Manager, Sport Business Owner/Manager.

**Major Structure**

<table>
<thead>
<tr>
<th>Year 4 – Semester 1</th>
<th>Year 4 – Semester 2</th>
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</thead>
<tbody>
<tr>
<td>SPM3121</td>
<td>SPS3105</td>
</tr>
<tr>
<td>SPS3112</td>
<td>SPS3502</td>
</tr>
<tr>
<td>SPM3655</td>
<td>SPS3505</td>
</tr>
<tr>
<td>SPM3113</td>
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<td></td>
<td>SPM2112</td>
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<td></td>
<td>SPM2111</td>
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<td>SPM3114</td>
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<td></td>
<td>BUS3100</td>
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<td>SPM3221</td>
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**MAJORS:**

**Sport Business**

*Availability: Joondalup*

Sport not only provides entertainment to hundreds of thousands of people around the world, it is also a multi-million dollar industry. It provides job opportunities for venue managers, marketing managers, finance managers, sport development managers, player managers, health and fitness franchisees, sport business owners and more.
BACHELOR OF SCIENCE (OCCUPATIONAL THERAPY)

Duration: 4 Years
Availability: Joondalup
Intake: February
CRICOS Code: 055463C
Annual Indicative Fees: $33,200
See more course information: ecu.edu.au/courses/H96

Allows students to develop an understanding of the factors that affect performance in occupations of self-care, education, work, social participation, and play and leisure for individuals, groups and populations through the lifespan.

Fieldwork placements commence in the first year and throughout the course, and provide students with valuable learning experiences in a range of settings. Graduates will possess a sound knowledge and understanding of professional principles and processes and will be able to generalise their attributes and skills in new situations.

Students with a Weighted Average Mark (WAM) of 70 per cent or higher after the third year of study may be invited to complete an Honours program within the fourth year. Those students will transfer to the Bachelor of Science (Occupational Therapy) Honours for the fourth and final year.

Additional Admission Requirements
- Higher entry requirements apply.
- Academic IELTS with an overall minimum score of 7.5 (no individual band less than 7.0).

Reporting Obligations
ECU has an obligation to report details of all students enrolled in this course to the Australian Health Practitioner Regulation Agency (AHPRA). See our website for more information.

Practicum Requirement
An extended full-time practicum component applies to the three Clinical Science units in this course.

Professional Recognition
Occupational Therapy Council of Australia Limited have accredited this course.

Professional Registration
Students will need to graduate to be eligible to register with the Occupational Therapy Board of Australia. Registration with the Occupational Therapy Board of Australia is required to practice in the profession.

Careers
Occupational Therapist, Health & Wellness Coordinator, Mental Health Therapist, Occupational Rehabilitationist, Safety Officer, Disability Therapist, Neuromuscular Therapist, Hand Therapist, Neurorehabilitationist.

Awarded Honours
Bachelor of Science (Occupational Therapy) Honours: Students with a Weighted Average Mark (WAM) of 70 per cent or higher may be invited to enrol in the Honours program in their fourth year of study and will transfer to the Bachelor of Science (Occupational Therapy) Honours.

Course Structure
Students are required to complete 29 units:
- 22 Core Units
- 7 Clinical Science Units

Year 1 – Semester 1
- OCT1101 Theory of Occupation
- OCT1102 Occupation and Equity
- MHS1101 Anatomy and Physiology 1
- OCT1104 Clinical Science 1

Year 1 – Semester 2
- OCT1205 Occupational Analysis
- OCT1206 Neuroscience
- MHS1102 Anatomy and Physiology 2
- OCT1208 Clinical Science 2

Year 2 – Semester 1
- OCT2202 Paediatrics and Youth
- OCT2203 Applied Kinesiology
- OCT2204 Clinical Science 3
- OCT2208 Health Conditions

Year 2 – Semester 2
- OCT2205 Neuropsychiatry
- OCT2206 Gerontology
- OCT2207 Communication Technology
- OCT2108 Clinical Science 4

Year 3 – Semester 1
- OCT3201 Physical Rehabilitation
- OCT3202 Mental Health Rehabilitation
- OCT3203 Assistive Technology
- OCT3209 Occupational Rehabilitation

Year 3 – Semester 2
- OCT3205 Neurological Rehabilitation
- OCT3206 Health Management
- OCT3108 Clinical Science 5

Year 4
- OCT4109 Disability
- ACS4133 Aboriginal Communities
- OCT4102 Creativity and Health
- OCT4104 Occupational Therapy Administration
- OCT4213 Clinical Science 6
- OCT4214 Clinical Science 7
BACHELOR OF SCIENCE (PARAMEDICAL SCIENCE)

Duration: 3 Years
Availability: Joondalup
Intake: February

Clinical Placements are also a requirement of the course, and require attendance at partner healthcare providers. Where placements cannot be provided an alternative will be provided at Joondalup Campus.

CRICOS Code: 077135D
Annual Indicative Fees: $33,700
See more course information: ecu.edu.au/courses/K89

Provides students with the knowledge and skills to deliver pre-hospital care within a range of clinical, policy and organisational contexts. Students will also develop the understanding needed for the public health, social, cultural and clinical aspects of paramedical science.

Reporting Obligations
ECU has an obligation to report details of all students enrolled in this course to the Australian Health Practitioner Regulation Agency (AHPRA). See our website for more information.

Practicum Requirement
Students are required to undertake clinical practice placements as part of this course with partner healthcare providers.

Professional Recognition
Council of Ambulance Authorities (CAA) have accredited this course.

Secondary Location
Eligible students may complete this course in an employment model linked to a specific employer with a mixture of on-campus and off-campus modes of delivery. Students studying in the employment linked model may be required to attend their employer’s nominated training facility, or the Joondalup Campus.

Careers
Paramedic, Critical Care Paramedic, Community Paramedic, Industrial Paramedic, Ambulance Officer, Intensive Care Paramedic, Retrieval Paramedic.

Course Structure
Students are required to complete 24 units.

Year 1 – Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>PST1107</td>
<td>Perspectives in Paramedic Professional Practice</td>
</tr>
<tr>
<td>SCH1101</td>
<td>Cultural Studies</td>
</tr>
<tr>
<td>MHS1101</td>
<td>Anatomy and Physiology 1</td>
</tr>
<tr>
<td>PST1108</td>
<td>Theoretical Perspectives In Paramedical Practice 1</td>
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Year 1 – Semester 2

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<tr>
<td>PST1106</td>
<td>Emergency Mental Health Response</td>
</tr>
<tr>
<td>MHS1102</td>
<td>Anatomy and Physiology 2</td>
</tr>
<tr>
<td>SCH1105</td>
<td>Introduction to Pharmacology</td>
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<tr>
<td>PSP1108</td>
<td>Clinical Skills for Paramedical Practice 1</td>
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Year 2 – Semester 1

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<tr>
<td>PST2102</td>
<td>Trauma Studies for Paramedics</td>
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<tr>
<td>PSP2222</td>
<td>Primary Care Placements</td>
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<tr>
<td>PST2108</td>
<td>Disease States in Emergency Care</td>
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<td>HST2122</td>
<td>Health Research Methodology</td>
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Year 2 – Semester 2

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<tr>
<td>PST2109</td>
<td>Medical Studies for Paramedics</td>
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<tr>
<td>PSP2103</td>
<td>Clinical Skills for Paramedical Practice 2</td>
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<tr>
<td>PST2106</td>
<td>Pre-hospital Diagnostic Techniques</td>
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<td>Pre-hospital Policy, Ethics and Legal Issues</td>
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Year 3 – Semester 1

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<tr>
<td>PSP3107</td>
<td>Paramedic Clinical Placements</td>
</tr>
<tr>
<td>PST3109</td>
<td>Reflective Practice in Paramedicine</td>
</tr>
<tr>
<td>PSP3101</td>
<td>Advanced Paramedical Practice 1</td>
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<tr>
<td>PST3106</td>
<td>Paediatric Studies for Paramedics</td>
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Year 3 – Semester 2

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<tr>
<td>PSP3103</td>
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</tr>
<tr>
<td>PST3107</td>
<td>Obstetric Studies for Paramedics</td>
</tr>
<tr>
<td>MMS3112</td>
<td>Safety and Quality in Healthcare</td>
</tr>
<tr>
<td>PST3210</td>
<td>Pre-hospital Perspectives in Emergency Management</td>
</tr>
</tbody>
</table>
**Bachelor of Speech Pathology**

**Duration:** 4 Years  
**Availability:** Joondalup  
**Intake:** February  
**CRICOS Code:** 070836J  
**Annual Indicative Fees:** $35,300

See more course information: [ecu.edu.au/courses/Y02](http://ecu.edu.au/courses/Y02)

Provides students with the skills necessary to assess, plan and treat people with communication and swallowing disorders in a range of different contexts. The course is closely aligned with areas such as speech science, psychology, audiology, education, linguistics and allied healthcare.

Students with a Weighted Average Mark (WAM) of 70 per cent or higher after the third year of study may be invited to complete an Honours program within the fourth year. Those students will transfer to the Bachelor of Speech Pathology Honours for the fourth and final year.

**Additional Admission Requirements**
- Higher entry requirements apply.
- Academic IELTS with an overall minimum score of 7.5 (no individual band less than 7.0).

For equivalent language test requirements refer to ECU English Standards Policy.

**Practicum Requirement**
Students are required to complete a substantial clinical practicum designed to provide the required range of clinical experience.

**Professional Recognition**
Speech Pathology Australia (SPA) have accredited this course. Graduates of this course will be eligible for Practicing Membership with Speech Pathology Australia.

**Careers**
Speech Pathologist.

**Course Structure**
Students are required to complete 30 units:
- 26 Core Units
- 4 Clinical Practicum Units

### Year 1 – Semester 1
- **SPE1100** Evidence-Based Practice in Speech Pathology  
- **PSY1101** Introduction to Psychology  
- **SPE1102** Language Across the Lifespan  
- **MHS1101** Anatomy and Physiology 1

### Year 1 – Semester 2
- **MAT1114** Introductory Statistics  
- **SPE1101** Professional Standards and Competencies  
- **SPE1103** Language Models and Analytical Frameworks  
- **MHS1102** Anatomy and Physiology 2

### Year 2 – Semester 1
- **HST2122** Health Research Methodology  
- **SPE2104** Analysis of Sensorimotor Systems  
- **SPE2210** Impact of Communication and Swallowing Disorders  
- **PSY2301** Learning and Motivation

### Year 2 – Semester 2
- **SPE2103** Analysis of Speech and Language  
- **SPE2205** Speech Pathology Assessment: Standard Tests  
- **IAS3110** Indigenous Australians, Cultural Competence and Speech Pathology  
- **SPE2106** Treatment Principles

Note: SPE2103 should be completed concurrently with SPE2205. If the units are undertaken in different semesters, SPE2103 should be completed before enrolling into SPE2205.

### Year 3 – Semester 1
- **SPE3128** Neurogenic Language and Cognitive Communication Disorders  
- **SPE3106** Management of Speech and Language Disorders  
- **SPE3107** Clinical Practicum 1  
- **SPE3112** Language Difference: Implications for Clinical Practice

Note: SPE3128 and SPE3106 should be completed concurrently with SPE3107. If units are undertaken in different semesters, SPE3128 and/or SPE3106 should be completed before enrolling into SPE3107.

### Year 3 – Semester 2
- **SPE3105** Management of Sensorimotor Disorders  
- **SPE3125** Assessment and Management of Swallowing Disorders  
- **SPE3108** Clinical Practicum 2  
- **SPE3110** Professional Issues in Speech Pathology

### Year 4 – Semester 1
- **SPE4244** Disability and Communication  
- **SPE4110** Clinical Practicum 3  
- **SPE4155** Evidence Based Decision Making in Speech Pathology

### Year 4 – Semester 2
- **SPE4200** Innovation and Speech Pathology  
- **SPE4111** Clinical Practicum 4  
- **SPE4109** Professional Skills in Speech Pathology: Workplace Preparation
**GRADUATE CERTIFICATE OF CRITICAL CARE PARAMEDICINE**

**Duration:** 0.5 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 096056A  
**Annual Indicative Fees:** $17,050  
See more course information: [ecu.edu.au/courses/J81](http://ecu.edu.au/courses/J81)

Designed to provide the paramedic with the necessary knowledge and skills for a career in critical care Paramedicine. The course focuses on the clinical issues directly related to practice, and develops a greater depth of understanding to enhance clinical decision-making and critical thinking. Students will learn advanced-level clinical knowledge to apply to their daily paramedic practice, while at the same time learning advanced skills in evidence-based practice and research.

The combination of advanced clinical knowledge and applied research knowledge and skills provides students with the ability to continuously improve their own clinical practice, as well as impact on the organisation they are employed by and the broader Paramedicine community.

**Additional Admission Requirements**

Bachelor’s degree in Paramedicine, with equivalents considered. Alternatively, applicants can apply with equivalent prior learning, including at least five years of appropriate professional experience.

**Careers**

Critical care paramedic, intensive care paramedic, paramedic, extended care paramedic.

**Course Structure**

Students are required to complete 3 units.

- PST5110 Advanced Cardiac Studies
- PST5111 Advanced Medical Studies
- PST5107 Advanced Obstetrics for Paramedics

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**GRADUATE DIPLOMA OF CRITICAL CARE PARAMEDICINE**

**Duration:** 1 Year  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 096055B  
**Annual Indicative Fees:** $34,050  
See more course information: [ecu.edu.au/courses/J75](http://ecu.edu.au/courses/J75)

Designed to provide the paramedic with the necessary knowledge and skills for a career in critical care. The course focuses on the clinical issues directly related to practice, and develops a greater depth of understanding to enhance clinical decision-making and critical thinking. Students will learn advanced-level clinical knowledge to apply to their daily paramedical practice, while at the same time learning advanced skills in evidence-based practice and research.

The combination of advanced clinical knowledge and applied research knowledge and skills provides students with the ability to continuously improve their own clinical practice, as well as impact on the organisation they are employed by and the broader Paramedicine community.

**Additional Admission Requirements**

Bachelor’s degree in Paramedicine, or have completed a Graduate Certificate of Critical Care Paramedicine, with equivalents considered. Alternatively, applicants can apply if they have at least five years of appropriate professional experience.

**Clinical or Professional Work Placement Requirement**

A clinical practicum is required.

**Careers**

Paramedic, Advanced Care Paramedic, Critical Care Paramedic, Intensive Care Paramedic.

**Course Structure**

Students are required to complete 6 units.

**Year 1 – Semester 1**

- PST5110 Advanced Cardiac Studies
- PST5111 Advanced Medical Studies
- PST5107 Advanced Obstetrics for Paramedics

**Year 1 – Semester 2**

- PST6113 Paediatrics for Critical Care Paramedics
- PSP6101 Critical Care Practicum (Intensive Care Phase)
- PST6105 Retrieval Medicine
MASTER OF CRITICAL CARE PARAMEDICINE

Duration: 1.5 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 096054C
Annual Indicative Fees: $34,050
See more course information: ecu.edu.au/courses/J84

Designed to provide the paramedic with the necessary knowledge and skills for a career in critical care or community Paramedicine. The course focuses on the clinical issues directly related to practice, and develops a greater depth of understanding to enhance clinical decision-making and critical thinking. Students will learn advanced-level clinical knowledge to apply to their daily paramedical practice, while at the same time learning advanced skills in evidence-based practice and research.

Additional Admission Requirements
Bachelor’s degree in Paramedicine, or a Graduate Certificate or Graduate Diploma in Critical Care Paramedicine, with equivalents considered. Alternatively, applicants can apply with equivalent prior learning, including at least five years of appropriate professional experience.

Clinical or Professional Work Placement Requirement
During the unit set, students will be required to undertake a clinical placement in anaesthetics and in Intensive Care. There are attendance requirements for this clinical or professional work placement.

Non-Standard Timetable
Onshore International Students must select at least 7 units on-campus mode of study in order to meet visa requirements.

Students should be aware that some units may require on-campus attendance in addition to the normal semester periods.

In the absence of clinical placement settings, on-campus intensive workshops will be provided to meet the learning outcomes of individual units.

Careers
Paramedic, Advanced Care Paramedic, Critical Care Paramedic, Intensive Care Paramedic.

Course Structure
Students are required to complete 9 units.

Year 1 – Semester 1

PST5110 Advanced Cardiac Studies
PST5111 Advanced Medical Studies
PST5107 Advanced Obstetrics for Paramedics

Year 1 – Semester 2

PST6113 Paediatrics for Critical Care Paramedics
MMP6100 Evidence-Based Practice
MMP6101 Research Proposal Preparation and Research Methods

Year 2 – Semester 1

PSP6101 Critical Care Practicum (Intensive Care Phase)
PST6105 Retrieval Medicine
MMP6102 Medical Science Masters Project

GRADUATE CERTIFICATE OF EXTENDED CARE PARAMEDICINE

Duration: 0.5 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 096068G
Annual Indicative Fees: $17,050
See more course information: ecu.edu.au/courses/J82

Designed to provide the paramedic with the necessary knowledge and skills for a career as an Extended Care Paramedic. The course focuses on the clinical issues directly related to practice, and develops a greater depth of understanding of primary healthcare to enhance clinical decision-making and critical thinking. Students will learn advanced-level clinical knowledge to apply to their daily paramedical practice, while at the same time learning advanced skills in evidence-based practice and research.

The advanced clinical knowledge and skills provides students with the ability to continuously improve their own clinical practice, as well as impact on the organisation they are employed by and the broader healthcare community.

Additional Admission Requirements
Bachelor’s degree in Paramedicine, with equivalents considered. Alternatively, applicants can apply with equivalent prior learning, including at least five years of appropriate professional experience.

Careers
Paramedic Practitioner, Paramedic, Extended Care Paramedic, Advanced Care Paramedic, Community Paramedic.

Course Structure
Students are required to complete 3 units.

PST5200 Extended Care Paramedic 1
PST5214 Extended Care Paramedic 2
PST5107 Advanced Obstetrics for Paramedics
**GRADUATE DIPLOMA OF EXTENDED CARE PARAMEDICINE**

**Duration:** 1 Year  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 096067J  
**Annual Indicative Fees:** $34,050  
See more course information: [ecu.edu.au/courses/J80](http://ecu.edu.au/courses/J80)

Designed to provide the paramedic with the necessary knowledge and skills for a career in critical care. The course focuses on the clinical issues directly related to practice, and develops a greater depth of understanding to enhance clinical decision making and critical thinking. Students will learn advanced-level clinical knowledge to apply to their daily paramedical practice, while at the same time learning advanced skills in evidence-based practice and research.

The combination of advanced clinical knowledge and applied research knowledge and skills provides students with the ability to continuously improve their own clinical practice, as well as impact on the organisation they are employed by and the broader Paramedicine community.

**Additional Admission Requirements**

Bachelor’s degree in Paramedicine, or have completed a Graduate Certificate of Extended Care Paramedicine, with equivalents considered. Alternatively, applicants can have equivalent prior learning, including at least five years of appropriate professional experience.

**Clinical or Professional Work Placement Requirement**

Students will be required to complete a minimum of 80 hours professional placement in a clinical setting when completing PSP6305.

However, if suitable supervisors and/or facilities are not available at the time, attendance at the Joondalup Campus will be required. In the absence of clinical placement settings, on-campus intensive workshops will be provided to meet the learning outcomes of individual units.

**Non-Standard Timetable**

In the absence of clinical placement settings, on-campus intensive workshops will be provided to meet the learning outcomes of individual units.

**Careers**

Paramedic Practitioner, Paramedic, Extended Care Paramedic, Advanced Care Paramedic, Community Paramedic.

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**GRADUATE DIPLOMA OF PUBLIC HEALTH**

**Duration:** 1 Year  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 071517E  
**Annual Indicative Fees:** $33,200  
See more course information: [ecu.edu.au/courses/W61](http://ecu.edu.au/courses/W61)

Public health is a broad area that’s generally concerned with improving health and well-being by carrying out actions that will have an impact at a population or whole-of-community level. Current Australian priorities for public health are to reduce health disparities between different population groups and to positively influence social, economic, physical and biological factors that play a role in determining overall health outcomes.

Public health practitioners are health professionals who have the skills required to help individuals and communities to have greater control over their health and well-being, and to influence organisational and political environments in ways that lead to better health for all.

**Additional Admission Requirements**

It is desirable that all applicants demonstrate their commitment to the field of public health. Evidence may include, but is not limited to: publication of written work on a public health issue in the media or in a professional publication, membership of a community or professional group dedicated to public health-related goals, volunteer or paid work experience in a community organisation that seeks to advance the interests of a disadvantaged population or equivalent.

**Careers**

Health Promotion Officer, Project Officer, Health Education Officer.
### Course Structure

Students are required to complete 6 units.

**Required units:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST5161</td>
<td>Public Health: Philosophy, Principles and Practice</td>
</tr>
<tr>
<td>HST5120</td>
<td>Epidemiology</td>
</tr>
<tr>
<td>RES5115</td>
<td>Research Preparation: Principles and Approaches</td>
</tr>
<tr>
<td>HST6335</td>
<td>Public Health Strategies</td>
</tr>
</tbody>
</table>

Select two units from the following list:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST6522</td>
<td>Public Health Leadership</td>
</tr>
<tr>
<td>HST6333</td>
<td>Diversity, Culture and Health</td>
</tr>
<tr>
<td>HST6337</td>
<td>Communicable Disease</td>
</tr>
<tr>
<td>HST6338</td>
<td>Law and Ethical Issues</td>
</tr>
<tr>
<td>HST6341</td>
<td>Maternal, Child and Youth Health</td>
</tr>
<tr>
<td>HST6350</td>
<td>Drug Use and Addictive Behaviours</td>
</tr>
<tr>
<td>HST6355</td>
<td>Ageing, Health and Wellbeing</td>
</tr>
<tr>
<td>HST6510</td>
<td>Public Health Planning and Evaluation</td>
</tr>
<tr>
<td>OHS6134</td>
<td>Principles of Environmental Health</td>
</tr>
<tr>
<td>OHS6138</td>
<td>Occupational Health Management</td>
</tr>
<tr>
<td>MAT5212</td>
<td>Biostatistics</td>
</tr>
<tr>
<td>NUT6110</td>
<td>Food Vision</td>
</tr>
<tr>
<td>NUT5116</td>
<td>Applied Food Science and Systems</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>NUT5114</td>
<td>Public Health Nutrition</td>
</tr>
</tbody>
</table>

### MASTER OF PUBLIC HEALTH

- **Duration:** 2 Years
- **Availability:** Joondalup
- **Intake:** February & July
- **CRICOS Code:** 070834M
- **Annual Indicative Fees:** $32,600

See more course information: [ecu.edu.au/courses/I62](http://ecu.edu.au/courses/I62)

Caters to students who see themselves working on the frontline in responding to the world’s public health problems. In addition, it is designed for those who aspire to a career in the health and research sectors, including child and adolescent health, healthy aging, health protection and clinical health services, with a focus on program development and management.

The course provides students with an advanced skill set required for international professional best practice and it allows for some customisation of their study.

**Additional Admission Requirements**

Have an undergraduate or postgraduate degree in any discipline, and must demonstrate their commitment to the field of public health. Evidence may include, but is not limited to: membership of a community or professional group dedicated to public health-related goals, publication of written work on a public health issue in the media or in a professional publication, volunteer or paid work experience in a community organisation that seeks to advance the interests of a disadvantaged population or equivalent.

Applications based on prior learning alone will not be considered.

**Employment Opportunities**

This course provides students with an opportunity to develop competencies that have been widely endorsed as being appropriate for graduates working within Australia and overseas.

**Course Structure**

Students are required to complete 12 units.

**Required units:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST5161</td>
<td>Public Health: Philosophy, Principles and Practice</td>
</tr>
<tr>
<td>HST6510</td>
<td>Public Health Planning and Evaluation</td>
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<tr>
<td>HST5120</td>
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<td>RES5115</td>
<td>Research Preparation: Principles and Approaches</td>
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<tr>
<td>HST6333</td>
<td>Diversity, Culture and Health</td>
</tr>
<tr>
<td>MAT5212</td>
<td>Biostatistics</td>
</tr>
<tr>
<td>HST6106</td>
<td>Health Science Research Project 1</td>
</tr>
<tr>
<td>HST6107</td>
<td>Health Science Research Project 2</td>
</tr>
<tr>
<td>HST6335</td>
<td>Public Health Strategies</td>
</tr>
</tbody>
</table>
Select three units from the following list:

- HST6337 Communicable Disease
- HST6338 Law and Ethical Issues
- HST6341 Maternal, Child and Youth Health
- HST6350 Drug Use and Addictive Behaviours
- HST6355 Ageing, Health and Wellbeing
- HST6522 Public Health Leadership
- OHS6134 Principles of Environmental Health
- OHS6138 Occupational Health Management
- NUT6110 Food Vision

or

- NUT5116 Applied Food Science and Systems
- NUT5114 Public Health Nutrition

**MASTER OF MEDICAL AND HEALTH SCIENCE BY RESEARCH**

*Duration:* 2 Years  
*Availability:* Joondalup  
*Intake:* February & July  
*CRICOS Code:* 097271G  
*Annual Indicative Fees:* $33,800  
See more course information: [ecu.edu.au/courses/J90](http://ecu.edu.au/courses/J90)

Designed to build on specialised undergraduate degrees and to provide an opportunity for advanced-level study in medical, biomedical, paramedical, allied health and exercise sciences. The award comprises two components; course work and production of a research thesis. The coursework component will provide instruction in research skills, methods and statistics to assist in the completion of the research thesis. Further, it will provide a tailored approach to providing advanced specialised knowledge for a chosen field. The thesis component allows for in-depth investigation of a specific research question within the student’s chosen field. The thesis will be supervised by experienced researchers within the School of Medical and Health Science whilst catering for engagement with industry and other partners to enhance research translation. This research course aims to extend the student’s knowledge relevant to their chosen specialisation, in order to develop leadership roles within their profession and open up new areas for professional development and future research studies.

**Additional Admission Requirements**

Bachelor’s degree in a relevant science area i.e. Medicine, Medical Science, Biomedical Science, Health Science, Occupational Therapy, Occupational Health and Safety, Occupational Hygiene, Speech Pathology, Paramedicine, Physiotherapy, Exercise and Sports Science with a course Weighted Average Mark (WAM) of 65 or higher, with equivalents considered.

**Careers**

Medical Scientist, Medical Researcher, Biomedical Science Researcher, Paramedical Researcher, Allied Health Researcher, Speech Pathology Researcher, Exercise Science Researcher, Human Performance Researcher, Biomechanics Researcher.

**Course Structure**

Students are required to complete 7 units.

**Year 1 – Semester 1**

- RESS115 Research Preparation: Principles and Approaches
- MMSS106 Thesis Preparation 1

Select one unit from the following list:

- MMSS107 Advances in Medical Science 1
- SPS5505 Testing and Analysis of Human Performance
- MATS212 Biostatistics
- MMP6100 Evidence-Based Practice

**Year 1 – Semester 2**

- MMSS108 Masters Thesis 1
- MMSS109 Masters Thesis 2

Select one unit from the following list:

- MMSS110 Advances in Medical Science 2
- HST5120 Epidemiology

**Year 2**

Students are required to continue to re-enrol in the thesis component of their study until the thesis is submitted for examination: Masters Thesis (MMS6200).
A pathway to the profession of dietetics, this Master by Coursework integrates theoretical and practical components across clinical dietetics, food service, community and public health and research. Students are trained to understand and interpret nutrition science, assess nutritional needs, conduct research and give dietary advice for general health and specialised requirements, including medical conditions and improved performance.

Graduates are eligible to become full members of the Dietitians Association of Australia and join the Accredited Practising Dietitian (APD) Program. APD is the only credential recognised in Australia by the government and many private health insurers.

Students can choose from two undergraduate courses that offer a pathway to the Master of Nutrition and Dietetics: the Bachelor of Health Science (Nutrition Bioscience Major), or the Bachelor of Science (Exercise and Sports Science) with a recommended set of electives. Graduates of the Bachelor of Science (Exercise and Sports Science) are also eligible to register with Exercise and Sports Science Australia (ESSA), gaining an opportunity for dual accreditation (ESSA and APD).

### Additional Admission Requirements
- Bachelor’s degree in science, bioscience or health, with a Weighted Average Mark (WAM) of 65 per cent or higher, where half of the units at the first-year and second-year level are comprised of bioscience, chemistry, physiology and biochemistry, including at least 15 per cent of a full-year load each of biochemistry and physiology. The Bachelor’s degree must contain at least two second-year or higher-level biochemistry units, for which chemistry was a pre-requisite, and two second-year or higher level physiology units.
- Academic IELTS with an overall minimum score of 7.0 (no individual band less than 6.5).

### Clinical or Professional Work Placement Requirement
Students are required to undertake clinical, community and food service placements in the final semester of the course. Students who have a gap of 18 months or longer between completing relevant course work units and enrolling in placement units will be required to meet with the Unit Coordinator to develop a Learning Contract. Students who do not complete the Learning Contract to the required standard will not be permitted to progress to the Professional Practicum Program.

### Professional Recognition
Dietitians Association of Australia (DAA) have accredited this course. Graduates of this course are eligible to become full members of DAA and join the Professionally-Accredited Practising Dietitian (APD) Program.
MASTER OF PARAMEDIC PRACTITIONER

Duration: 1.5 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 096066K
Annual Indicative Fees: $34,050
See more course information: ecu.edu.au/courses/J78

Designed to provide the student paramedic with the necessary knowledge and skills for a career as a Paramedic Practitioner. The course focuses on the clinical issues directly related to practice, and develops a greater depth of understanding to enhance clinical decision making and critical thinking. Students will learn advanced-level clinical knowledge to apply to their daily paramedical practice, while at the same time learning advanced skills in evidence-based practice and research.

The combination of advanced clinical knowledge and applied research knowledge and skills provides students with the ability to continuously improve their own clinical practice, as well as impact on the organisation they are employed by and the broader Paramedicine community.

Additional Admission Requirements
Have a Bachelors degree in Paramedicine, or a Graduate Certificate or Graduate Diploma of Extended Care Paramedicine, with equivalents considered. Alternatively, applicants can apply with equivalent prior learning, including at least five years appropriate professional experience.

Clinical or Professional Work Placement Requirement
Students will be required to complete a minimum of 80 hours professional placement in a clinical setting when completing PSP6305.

However, if suitable supervisors and/or facilities are not available at the time, attendance at the Joondalup Campus will be required. In the absence of clinical placement settings, on-campus intensive workshops will be provided to meet the learning outcomes of individual units.

Non-Standard Timetable
In the absence of clinical placement settings, on-campus intensive workshops will be provided to meet the learning outcomes of individual units.

Careers
Paramedic Practitioner, Paramedic, Extended Care Paramedic, Advanced Care Paramedic, Community Paramedic.

Course Structure
Students are required to complete 9 units.

Year 1 – Semester 1
- PST5200 Extended Care Paramedicine 1
- PST5214 Extended Care Paramedicine 2
- PST5107 Advanced Obstetrics for Paramedics

Year 1 – Semester 2
- PST6113 Paediatrics for Critical Care Paramedics
- MMP6100 Evidence-Based Practice
- MMP6101 Research Proposal Preparation and Research Methods

Year 2 – Semester 1
- PSP6305 Extended Care Paramedicine Practicum
- PST6206 Extended Care Paramedicine 3
- MMP6102 Medical Science Masters Project
MASTER OF SCIENCE (ASSISTED REPRODUCTIVE TECHNOLOGY)

Duration: 1 Year
Availability: Joondalup
Intake: February
CRICOS Code: 091957D
Annual Indicative Fees: $36,600
See more course information: ecu.edu.au/courses/J51

Designed for medical, biomedical and biological science graduates who wish to work in the field of assisted reproduction. Students will gain theoretical knowledge ranging from ovarian and testicular biology to assay quality control and the quality management of a clinical laboratory, together with practical experience on the culture and assessment of gametes and embryos.

Additional Admission Requirements
Bachelor’s degree (with Honours second class or above) in a biomedical or biological science related field, or a Graduate Diploma of Reproductive Science or similar, with an average of 65 per cent or above, or a medical or veterinary degree with 12 months experience in reproductive science, with equivalents considered.

Careers
Assisted reproduction, semen analysis, embryology, clinical scientist.

Course Structure
Students are required to complete 6 units.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RES5115</td>
<td>Research Preparation: Principles and Approaches</td>
</tr>
<tr>
<td>ART6001</td>
<td>Female Reproduction, Fertility and Pathophysiology</td>
</tr>
<tr>
<td>ART6002</td>
<td>Male Reproduction, Fertility and Pathophysiology</td>
</tr>
<tr>
<td>ART6003</td>
<td>Gamete and Embryo Cryopreservation</td>
</tr>
<tr>
<td>ART6004</td>
<td>Clinical Laboratory Management</td>
</tr>
<tr>
<td>ART6005</td>
<td>Controversies and Challenges in Assisted Reproductive Technology</td>
</tr>
</tbody>
</table>

DOCTOR OF PHILOSOPHY

We also offer a PhD and PhD Integrated in the field of medical and health sciences. For more details, please see pages 224-225.
ECU offers a range of unique specialist undergraduate and postgraduate nursing and midwifery courses.

Our renowned nursing program is the largest in Western Australia, while our nursing and midwifery dual degree program offers an innovative and broad study approach for scenario-based learning of nursing and midwifery. The school provides students with access to state-of-the-art health and wellness facilities featuring simulated practice areas for scenario-based learning, and practicum placements with a range of healthcare providers.

Our state-of-the-art health and wellness building incorporates high and low fidelity simulated practice wards for both nursing and midwifery that provide a safe, authentic environment for clinical skills development. These provide students with the opportunity for experiential hands-on practice to learn nursing and midwifery skills in a variety of simulated scenarios, designed to increase the competence and confidence of students. The wards have 91 beds that simulate the real world healthcare environment including two dedicated midwifery practice areas.

The School of Nursing and Midwifery, through postgraduate coursework and research programs, seeks to make a real difference to people and their families, their careers, our communities, and the broader health and education sectors. We offer world-class facilities and strong academic leadership in the fields of nursing and midwifery postgraduate studies. Our research programs are built upon a collaboration of world-class researchers, industry leaders and clinical experts. In our School, we firmly believe that with the right support, everyone can achieve their ambitions and excel in their careers. All of our courses are developed in collaboration with industry partners to ensure contemporary and responsive curricula to enhance our students' knowledge and career progression.

**CAREERS:**
- Registered Nurse
- Registered Midwife
- Children and Young People's Nurse
- Critical Care Nurse
- Mental Health Nurse
- Regional Nurse
- Aged Care Nurse
- Rural Nurse
- Remote Nurse
I was fortunate to have had the chance to study my nursing course at the ECU South West Campus and the ECU Joondalup Campus – both campuses provided a comfortable, challenging and supportive learning environment.

ECU has provided everything that I need to succeed in my studies. The lecturers are all knowledgeable and approachable. My favourite part of the course is the practical workshops where we obtain hands-on skills and experience, you get a feeling of what it is going to be like after graduation. The atmosphere on campus is very laid-back and there is always space in the library or the eLab to study.

The tips and tricks that I have gained through my practicums and my theory units have been invaluable in my workplace. I am currently employed as an aged care support worker and it is great to be able to pass on some of the skills I have learned from my course to other students and colleagues.

Siobhan Hoskins-Davies
Nursing student
Zimbabwe
NURSING & MIDWIFERY
UNDERGRADUATE

BACHELOR OF SCIENCE (NURSING)

Duration: 3 Years
Availability: Joondalup & South West (Bunbury)
Intake: Joondalup – February & July
South West (Bunbury) – February Only
CRICOS Code: 077132G
Annual Indicative Fees: $33,900
See more course information: ecu.edu.au/courses/C33

Provides a broad knowledge and skill base that will enable students to practice independently and interdependently as a registered nurse within the Australian healthcare industry. The course is designed to enable graduates to be well prepared to make significant contributions to the outcomes of patients within a diverse range of health care settings.

Additional Admission Requirements
Academic IELTS* overall minimum score of 7.0 (no individual band less than 7.0) or equivalent recognised by the Nursing and Midwifery Board of Australia. Internationally schooled applicants may also be required to meet this requirement.

Reporting Obligations
ECU has an obligation to report details of all students enrolled in this course to the Australian Health Practitioner Regulation Agency (AHPRA). See our website for more information.

Clinical or Professional Work Placement Requirement
Students are required to complete a number of clinical practice units as part of the course. These are delivered in association with a range of clinical partners as full-time clinical placements.

Professional Recognition
Australian Nursing and Midwifery Accreditation Council (ANMAC) have accredited this course.

Professional Registration
Students will need to graduate to be eligible to register with the Nursing and Midwifery Board of Australia. Registration with the Nursing and Midwifery Board of Australia is required to practice in the profession.

Careers
Nurse, Children and Young People’s Nurse, Critical Care Nurse, Mental Health Nurse, Regional Nurse, Aged Care Nurse, Rural Nurse, Remote Nurse.

Course Structure
Students are required to complete 24 units:
- 18 Core Units
- 6 Nursing Practice Units

Year 1 – Semester 1
NUR1101 Nursing in the Australian Healthcare System
NUM1102 Communication Skills for Nurses and Midwives
SCN1111 Health Science 1
NPU1101 Nursing Practice 1

Year 1 – Semester 2
NUM1204 Evidence Based Practice in Nursing and Midwifery
NUM1203 Health Assessment
NPU1202 Nursing Practice 2
NUM1205 Legal and Ethical Requirements in Nursing and Midwifery Practice

Year 2 – Semester 1
NUM2307 Mental Health and Wellbeing in Clinical Practice 1
NUM2306 Adult Health Care 1
NUM2306 Nursing Practice 3
NUM2308 Aboriginal and Torres Strait Islander Peoples’ Health and Wellness

Year 2 – Semester 2
NUR2402 Healthy Ageing and Chronic Conditions
NUM2409 Adult Health Care 2
NUM2409 Nursing Practice 4
NUM2410 Mental Health and Wellbeing in Clinical Practice 2

Year 3 – Semester 1
NUR3503 Nursing Children and Young People
NUM3511 Community Health Care in Nursing and Midwifery Practice
NUM3511 Nursing Practice 5
NUR3504 Transitioning to the Role of Registered Nurse

Year 3 – Semester 2
NUM3612 Research and Teaching in Clinical Practice
NUM3612 Nursing Practice 6
NUR3605 Nursing Leadership, Governance and Culture
NUR3606 Contemporary Issues in Nursing

* New English requirement effective from Semester 2, 2020. Currently IELTS 6.5 (no individual band less than 6.5) or equivalent.
BACHELOR OF SCIENCE (NURSING STUDIES)

Duration: 3 Years
Availability: Joondalup & South West (Bunbury)
Intake: February & July
CRICOS Code: 083404D
Annual Indicative Fees: $33,850
See more course information: ecu.edu.au/courses/Y61

*Advanced standing could result in the course being completed in one year. For more information, see course details on our website.

Provides Registered Nurses with an opportunity to obtain an Australian degree if they hold a Diploma level qualification in their country of origin.

The course is not professionally-accredited and therefore does not lead to registration with the Nurses and Midwives Board of Australia.

Additional Admission Requirements
All applicants are required to be Registered Nurses in their country of origin.

Career
Nurse, Children and Young People’s Nurse, Critical Care Nurse, Mental Health Nurse, Regional Nurse, Aged Care Nurse, Rural Nurse, Remote Nurse.

Course Structure
Students are required to complete 8 units.

NUM1204 Evidence Based Practice in Nursing and Midwifery
NUM1205 Legal and Ethical Requirements in Nursing and Midwifery Practice
NUR2402 Healthy Ageing and Chronic Conditions
NUM3511 Community Health Care in Nursing and Midwifery Practice
NUR3503 Nursing Children and Young People
NUR3606 Contemporary Issues in Nursing
NUR3605 Nursing Leadership, Governance and Culture
NUM3612 Research and Teaching in Clinical Practice

The remaining 16 units will be credited as Advanced Standing:
NUR1101 Nursing in the Australian Healthcare System
NUM1102 Communication Skills for Nurses and Midwives
SCN1111 Health Science 1
NPU1101 Nursing Practice 1
NUM1203 Health Assessment
NPU1202 Nursing Practice 2
NUM2307 Mental Health and Wellbeing in Clinical Practice 1
NUM2306 Adult Health Care 1
NPU2303 Nursing Practice 3
NUM2308 Aboriginal and Torres Strait Islander Peoples’ Health and Wellness
NUM2409 Adult Health Care 2
NPU2404 Nursing Practice 4
NUM2410 Mental Health and Wellbeing in Clinical Practice 2
NPU3505 Nursing Practice 5
NUR3504 Transitioning to the Role of Registered Nurse
NPU3606 Nursing Practice 6

BACHELOR OF SCIENCE (NURSING) / BACHELOR OF SCIENCE (MIDWIFERY)

Duration: 4 Years
Availability: Joondalup
Intake: February
CRICOS Code: 097835K
Annual Indicative Fees: $42,350
See more course information: ecu.edu.au/courses/Y76

This comprehensive course is unique in Western Australia, preparing graduates for flexible career options in dynamic healthcare settings. The course offers an innovative and broad study approach, with graduates ready for beginning level practice in both midwifery and nursing. It provides students with the knowledge and skills to deliver high quality care within the healthcare environment.

Additional Admission Requirements
• Provide a personal statement, outlining their understanding of the Registered Nurse’s role and of a Registered Midwife’s role, their reasons for wishing to undertake this course, and an outline of their plan for managing the workload;
• Academic IELTS* overall minimum score of 7.0 (no individual band less than 7.0) or equivalent recognised by the Nursing and Midwifery Board of Australia.

Reporting Obligations
ECU has an obligation to report details of all students enrolled in this course to the Australian Health Practitioner Regulation Agency (AHPRA). See our website for more information.

Clinical or Professional Work Placement Requirement
Students are required to complete a number of clinical practice units as part of the course. These are delivered in association with a range of clinical partners as full-time clinical placements.

*New English requirement effective from Semester 2, 2020. Currently IELTS 6.5 (no individual band less than 6.5) or equivalent.
**Professional Recognition**
Australian Nursing and Midwifery Accreditation Council (ANMAC) have accredited this course.

**Professional Registration**
Students will need to graduate to be eligible to register with the Nursing and Midwifery Board of Australia. Registration with the Nursing and Midwifery Board of Australia is required to practice in the profession.

**Non-Standard Timetable**
Prospective applicants are advised that there is an ‘on call’ component to this course. It is a requirement in Australia that midwifery students provide Continuity of Care to ten women throughout the course of their studies; this includes being on call to attend them when they give birth.

**Careers**
Midwife, Regional Midwife, Rural Midwife, Remote Midwife, General Nurse, Children and Young People’s Nurse, Critical Care Nurse, Mental Health Nurse, Regional Nurse.

**Course Structure**
Students are required to complete 32 units:
- 20 Core Units
- 6 Nursing Practice Units
- 6 Midwifery Practice Units

<table>
<thead>
<tr>
<th>Year 1 – Semester 1</th>
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<tbody>
<tr>
<td>NPU1101</td>
<td>Nursing Practice 1</td>
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<tr>
<td>NUR1101</td>
<td>Nursing in the Australian Healthcare System</td>
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<tr>
<td>SCN1111</td>
<td>Health Science 1</td>
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<tr>
<td>NUM1102</td>
<td>Communication Skills for Nurses and Midwives</td>
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<tr>
<td>NUM1102</td>
<td>Midwifery Practice 1: Midwifery Principles and Beginning Competencies</td>
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<td>Adult Health Care 1</td>
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<td>Aboriginal and Torres Strait Islander Peoples’ Health and Wellness</td>
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<td>NUM2308</td>
<td>Midwifery Practice 2: Midwifery Practice in a Continuity of Care Environment</td>
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<td>Antenatal and Postnatal Care of the Well Woman</td>
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<td>Midwifery Practice 3: Developing Midwifery Competencies</td>
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<td>Nursing Practice 5</td>
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<td>NUM3511</td>
<td>Community Health Care in Nursing and Midwifery Practice</td>
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<td>MIT3101</td>
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<td>NUR3503</td>
<td>Nursing Children and Young People</td>
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<td>NUR3504</td>
<td>Transitioning to the Role of Registered Nurse</td>
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<tr>
<td>NUM3612</td>
<td>Research and Teaching in Clinical Practice</td>
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<tr>
<td>NUM3612</td>
<td>Midwifery Practice 4: Intrapartum Midwifery Care of the Well Woman and Baby</td>
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<td>NUM3612</td>
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<tr>
<td>NUR3605</td>
<td>Nursing Leadership, Governance and Culture</td>
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<tr>
<td>MIT4101</td>
<td>Applied Pathophysiology and Pharmacology for Midwifery</td>
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<tr>
<td>MIT4101</td>
<td>Midwifery Practice 5: Continuing Midwifery Practice Competence</td>
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<td>NUR3606</td>
<td>Contemporary Issues in Nursing</td>
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<td>MIT4102</td>
<td>Midwifery Care of Women and Babies with Complex Needs</td>
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<td>MIT4102</td>
<td>Midwifery Practice 6: Midwifery Care Across the Spectrum</td>
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<td>MIT4103</td>
<td>Professional Portfolio for Midwifery</td>
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### Master of Midwifery (Research)

**Duration:** 2 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 099202E  
**Annual Indicative Fees:** $33,680  
See more course information: [ecu.edu.au/courses/I19](http://ecu.edu.au/courses/I19)

This research Masters prepares students to be independent researchers with the ability to develop and implement a research proposal relevant to midwifery. The course is directed both at students with an interest in research and those planning a research career.

**Additional Admission Requirements**

All applicants are required to be a Registered Midwife, and have a relevant undergraduate degree, with equivalents considered, and a minimum of two years post-registration clinical experience.

**Careers**

Midwife, Midwife Researcher.

**Course Structure**

Students are required to complete 4 units.

**Year 1 – Semester 1**

- **RESS115** Research Preparation: Principles and Approaches  
- **NST6100** Literature Review  
- **NUR6114** Masters Thesis Preparation 1

**Year 1 – Semester 2 + Year 2**

Students are required to continue to re-enrol in the thesis component of their study until the thesis is submitted for examination: Masters Thesis (NUR6200).

### Master of Nursing

**Duration:** 2 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 096859K  
**Annual Indicative Fees:** $33,850  
See more course information: [ecu.edu.au/courses/J88](http://ecu.edu.au/courses/J88)

Enables students to develop in-depth knowledge of a range of contemporary health care challenges and directions within a national and international context. Students have a suite of units to choose from which enables them to plan a bespoke program of study to meet their individual needs and those of their health care context in which they are situated.

**Additional Admission Requirements**

Bachelor’s degree in nursing, or equivalent prior learning of two years full-time (or equivalent) post registration professional practice, and submit a current curriculum vitae.

**Non-Standard Timetable**

On-campus students please note that three core units are only available online.

**Careers**

Senior Registered Nurse, Clinical Nurse Manager, Clinical Nurse, Nurse Researcher.

**Course Structure**

Students are required to complete 12 units.

**Year 1 – Semester 1**

- **NNI5101** Professional Issues in Clinical Nursing  
- **NUR6117** The Deteriorating Patient  
- **PSR5101** Managing Risk in the Clinical Environment

**Year 1 – Semester 2**

- **CLM6100** Clinical Leadership and Management  
- **NUR6118** Nursing in the Context of Global Health  
- **NUR6119** Nursing Management of Chronic Health Conditions

**Year 2 – Semester 1**

- **MNP6101** Evidence-based Practice and Research Design  
- **NUR6116** Evaluating Practice in Health

Select one unit from the following three units:

- **NNT5100** Foundations of Children and Young People’s Nursing  
- **CMH5109** Contemporary Issues in Mental Health  
- **NUR5211** Contemporary Care of the Ageing 1

**Year 2 – Semester 2**

- **NST6101** Teaching and Learning in the Clinical Setting  
- **MNP6107** Nursing Research Project

Select one unit from the following three units:

- **MID6108** Principles of Effective Maternal and Newborn Care  
- **NUR6121** Palliative Care Nursing  
- **NUR6120** Promoting the Health and Well-Being of Children and Young People
MASTER OF NURSING (GRADUATE ENTRY)

Duration: 2 Years
Availability: Joondalup
Intake: February
CRICOS Code: 091870M
Annual Indicative Fees: $33,850
See more course information: ecu.edu.au/courses/J46

This coursework Masters is a graduate entry program with a strong focus on clinical practice and research which leads to registration with Nursing and Midwifery Board of Australia. The program will provide experiential and authentic learning opportunities, supplemented by theoretical components, to ensure graduates are industry-ready upon entry to practice.

Additional Admission Requirements
- Bachelor’s degree or master’s degree in any field with a course weighted average mark of at least 60 per cent, or equivalent as recognised by the University. Applicants are also required to have a tertiary level unit in human biology (students who do not meet this requirement will be required to undertake a Health Science Preparation program at ECU).
- Academic IELTS overall minimum score of 7.0 (no individual band less than 7.0). Internationally schooled applicants may also be required to meet this requirement.
- Prospective applicants are required to submit a curriculum vitae and a personal statement as part of their application.

Meeting the above requirements does not guarantee selection and in ranking applications prior academic performance and work experience may be considered.

Reporting Obligations
ECU has an obligation to report details of all students enrolled in this course to the Australian Health Practitioner Regulation Agency (AHPRA). See our website for more information.

Clinical or Professional Work Placement Requirement
Students will undertake a number of practicum units as a component of the program and undertake a total of 800 hours as per Professional Accreditation requirements. These are delivered in association with a range of clinical partners as full-time clinical placements. Students are not permitted to undertake clinical placements on a part time basis therefore all students are required to attend their allocated placement for 40 hours per week.

Professional Recognition
Australian Nursing and Midwifery Accreditation Council (ANMAC) have accredited this course.

Professional Registration
Students will need to graduate to be eligible to register with the Nursing and Midwifery Board of Australia. Registration with the Nursing and Midwifery Board of Australia is required to practice in the profession.

Non–Standard Timetable
Practicum placement dates are outside of standard semester timetable to ensure that sufficient and appropriate placements can be procured for the course.

Career
Nurse, Children and Young People's Nurse, Critical Care Nurse, Mental Health Nurse, Regional Nurse, Aged Care Nurse, Rural Nurse, Remote Nurse.
**Course Structure**

Students are required to complete 12 units.

**Year 1 – Semester 1**
- NSC6101 Nursing Bioscience 1
- NPP6101 Adult Health Practice 1
- NNI5104 Health Issues in Gerontology

**Year 1 – Semester 2**
- NSC6102 Nursing Bioscience 2
- MNP6101 Evidence-based Practice and Research Design
- MNP6101 Adult Health Practice 2

**Year 2 – Semester 1**
- MNP6101 Mental Health Practice
- NCS6100 Nursing Cultural Studies
- MNP6107 Nursing Research Project

**Year 2 – Semester 2**
- MNP6107 Child, Adolescent and Family Nursing Practice
- MNP6107 Nursing Practice Capstone
- Elective Unit 1 x

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**MASTER OF NURSING (RESEARCH)**

Duration: 2 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 099201F
Annual Indicative Fees: $33,680
See more course information: [ecu.edu.au/courses/I67](http://ecu.edu.au/courses/I67)

Prepares students to be independent researchers with the ability to develop and implement a research proposal relevant to nursing. The course is directed both at students with an interest in research and those planning a research career, preparing nurses to practice in the field of nursing research.

**Additional Admission Requirements**

Bachelor’s degree in Nursing, with equivalents considered, and have a minimum of two years post-registration nursing experience, and be a Registered Nurse in any country.

**Careers**

Nurse.

**Course Structure**

Students are required to complete 4 units.

**Year 1 – Semester 1**
- RES5115 Research Preparation: Principles and Approaches
- NST6100 Literature Review
- NUR6114 Masters Thesis Preparation 1

**Year 1 – Semester 2 + Year 2**

Students are required to continue to re-enrol in the thesis component of their study until the thesis is submitted for examination: Masters Thesis (NUR6200).

**DOCTOR OF PHILOSOPHY**

We also offer a PhD and PhD Integrated in the field of nursing and midwifery. For more details, please see pages 224–225.
ECU's School of Science offers a range of courses in the areas of Science and Mathematics as well as Computing and Security.

When it comes to studying science and the environment, ECU's research and teaching are world-class. You’ll find a range of practical degrees that can lead to distinctly different careers in fields such as marine and freshwater biology, conservation and wildlife biology, environmental management, physics, chemistry, mathematics, data science, and more.

ECU is also recognised as a leader in cyber security research. Our computing and security courses offer a range of majors to choose from. Our cyber security research and education team is one of the best in Australia and very well respected globally. Two of our cyber team are members of the INTERPOL Global Cybercrime Export Group. ECU has been recognised by the Australian Federal Government as one of just two Academic Centres of Cyber Security Excellence in Australia, and the only one in WA. ECU plays a key role in the $139 million Cyber Security Cooperative Research Centre, which recently inaugurated its Head Office at the ECU Joondalup Campus.

Our flexible courses and world-class teaching, combined with our Work Integrated Learning program and close industry links, will provide you with endless possibilities in Australia and internationally.

**CAREERS:**

- Aquatic Scientist
- Biodiversity Manager
- Bioinformatician
- Biomedical Researcher
- Computer Programmer
- Computing Project Leader
- Counter Terrorism Consultant
- Cyber Security Analyst
- Digital Forensic Investigator
- Environmental Management Officer
- Games Developer
- Health Promotion Officer
- Injury Prevention Officer
- Intelligence Profiler
- Marine Biologist
- Natural Resource Manager
- Natural Resource Officer
- Nature Conservationist
- Network Security Engineer
- Security & Risk Analyst
- Security Analyst
- Software Designer
- Systems Architects
- Web Developer
“What amazed me is the amount of practical units that my course has.”

While considering my options for study, the amount of research done by the university and their facilities was a top priority. I was really impressed by ECU’s research, facilities and achievements, which led me to apply to study here. What amazed me is the amount of practical units that my course has—this really opens your mind and widens your experience, preparing you for life after university. The laboratory facilities and experiments I have been able to conduct within them have truly been amazing. Also, I got the opportunity to do work experience with lab technicians conducting important research. This experience made me realise that the practicals carried out in my lab classes were very similar to what the scientists were doing in the labs, which was immensely gratifying. Studying at ECU has been an amazing experience for me.

ZOE MPUTHIA
Biological Sciences & Human Biology graduate
Kenya
Focuses on the practical and theoretical dimensions of computer science and prepares students for careers in the fields of computing and software development. The course emphasises critical thinking and problem solving alongside discipline knowledge and skills, providing students with the opportunity to undertake complex computer science projects both independently and in teams.

Students are introduced to concepts including programming, mathematics, networking, databases and security in their foundation year, before specialising in an area of computer science. Advanced topics in computer science, including artificial intelligence and distributed computing, are studied alongside the chosen area of specialisation.

**Majors**
- Cyber Security
- Software Engineering

**Work Experience Option**
Students have the opportunity to seek a Work Integrated Learning placement with an industry partner.

**Professional Recognition**
Australian Computer Society (ACS) have accredited this course.

**Careers**

**Course Structure**
Students are required to complete 21 or 23 units, depending on option chosen in last semester:

- 14 Core Units
- 6 Major Units
- 2 Major Units + 1 Applied Project OR 1 Work Experience Project Unit

**Year 1 – Semester 1**
- SCI1125 Professional Science Essentials
- CSP1150 Programming Principles
- MAT1252 Mathematics for Computing
- CSI1241 Systems Analysis

**Year 2 – Semester 1**
- CSP2348 Data Structures
- CSP2104 Object-oriented Programming with C++
  - Major 2 x Major Units

**Year 2 – Semester 2**
- CSG2341 Intelligent Systems
- CSG2344 Project Methods and Professionalism
  - Major 2 x Major Units

**Year 3 – Semester 1**
- CSI3344 Distributed Systems
- CSP3341 Programming Languages and Paradigms
  - Major 2 x Major Units

**Year 3 – Semester 2**
**Students who are NOT undertaking a Work Integrated Learning Placement**
- CSG3101 Applied Project
  - Major 2 x Major Units

**Students who ARE undertaking a Work Integrated Learning Placement**
- CSI3345 Work Experience Project

**MAJORS:**

**Cyber Security**

**Availability:** Joondalup

Focuses on practical and theoretical aspects of cyber security across a range of topics, including network security and vulnerability assessment, information security policy and governance, digital forensics, wireless security, ethical hacking.

**Careers**
**Major Structure**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CSI2102</td>
<td>Information Security</td>
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<tr>
<td>CSG2305</td>
<td>Computer Forensics</td>
</tr>
<tr>
<td>CSI2108</td>
<td>Cryptographic Concepts</td>
</tr>
<tr>
<td>CSI3207</td>
<td>Network Security Fundamentals</td>
</tr>
<tr>
<td>CSI3208</td>
<td>Ethical Hacking and Defence</td>
</tr>
<tr>
<td>CSP3343</td>
<td>Programming Secure Software Systems</td>
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<td>Elective</td>
<td>2 x Elective Units</td>
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</table>

**Software Engineering**

*Availability:* Joondalup

This major reflects the modern engineering approach to developing software. It covers all areas of the systems development life-cycle, including analysis, design, implementation and testing.

**Careers**


**Major Structure**

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>CSP2108</td>
<td>Introduction to Mobile Applications Development</td>
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<tr>
<td>CSI2312</td>
<td>Foundations of Software Engineering</td>
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<tr>
<td>CSI2441</td>
<td>Applications Development</td>
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<td>CSI2343</td>
<td>Object-oriented Analysis and Design</td>
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<td>CSI3105</td>
<td>Software Testing</td>
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<tr>
<td>CSI3106</td>
<td>Software Architectures and Design</td>
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<tr>
<td>Elective</td>
<td>2 x Elective Units</td>
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**Bachelor of Counter Terrorism Security and Intelligence**

*Duration:* 3 Years  
*Availability:* Joondalup  
*Intake:* February & July  
*CRICOS Code:* 071524F

**Annual Indicative Fees:** $34,900  
See more course information: [ecu.edu.au/courses/Y14](http://ecu.edu.au/courses/Y14)

Brings together the key aspects of national and international security with an emphasis on contemporary security issues. By studying the core elements of terrorism, security and intelligence in the foundation year, students are able to undertake specialised study in how to counter the terrorist threat, apply intelligence gathering techniques, think critically, analyse and understand criminal motivation.

Students will learn to utilise suitable technology to secure assets, protect critical and national infrastructure and employ security management techniques to achieve desired security outcomes.

**Majors**

- Aviation  
- Biological Sciences  
- Criminology  
- Cyber Security  
- Law in Business  
- Management  
- Politics and International Relations  
- Professional Studies

**Additional Admission Requirements**

One or more of the majors in this course has admission requirements; refer to the major for more information.

**Careers**

Security Analyst, Security Manager, Intelligence Analyst, Counter Terrorism Consultant, Security Consultant, Security and Risk Manager, Intelligence Officer, Strategic Risk Analyst, Security Profiler, Intelligence Profiler.

**Course Structure**

Students are required to complete 24 units:

- 16 Core Units
- 8 Major Units

**Year 1 – Semester 1**

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<td>SCY1117</td>
<td>Intelligence Foundations</td>
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<td>SCY1130</td>
<td>Terrorism and International Security</td>
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**Year 1 – Semester 2**

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<td>SCY2212</td>
<td>Security Risk</td>
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<tr>
<td>CSI2102</td>
<td>Information Security</td>
</tr>
</tbody>
</table>

**Year 2 – Semester 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCY2112</td>
<td>Counterterrorism</td>
</tr>
<tr>
<td>SCY2108</td>
<td>Security Control Systems</td>
</tr>
<tr>
<td>Major</td>
<td>2 x Major Units</td>
</tr>
</tbody>
</table>

**Year 2 – Semester 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCY2120</td>
<td>Applied Intelligence</td>
</tr>
<tr>
<td>LAW2605</td>
<td>Security and the Law</td>
</tr>
<tr>
<td>Major</td>
<td>2 x Major Units</td>
</tr>
</tbody>
</table>

**Year 3 – Semester 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCY2109</td>
<td>Surveillance Systems</td>
</tr>
<tr>
<td>SCY3107</td>
<td>Intelligence Analysis</td>
</tr>
<tr>
<td>Major</td>
<td>2 x Major Units</td>
</tr>
</tbody>
</table>

**Year 3 – Semester 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCY3506</td>
<td>Counter Intelligence</td>
</tr>
<tr>
<td>SCY3508</td>
<td>Radicalism and Political Extremism</td>
</tr>
<tr>
<td>Major</td>
<td>2 x Major Units</td>
</tr>
</tbody>
</table>
MAJORS:

Aviation

Availability: Joondalup

Recommended for students who wish to enter the aviation industry in non-flying roles. This major provides a broad professional education and introduction to the core industry activity of flying people and freight from point-to-point.

Careers

Flight Planner, Aviation Operations Controller, Load Controller, CASA Regulator, Fixed Based Operations Officer, Accident Investigator.

Major Structure

SCA1125 Fundamentals of Flight
SCA1116 Aviation Legislation and Regulatory Frameworks
SCA1229 Aviation Meteorology
SCA2101 Aircraft Performance
SCA2224 Aircraft Systems
SCA3100 Aircraft Propulsion

Plus one of the following group of two units:

SCA1117 Human Factors in Aviation
SCA3200 Crew Resource Management

or

SCA2100 Flight Operations
SCA2212 Advanced Aerodynamics

Biological Sciences

Availability: Joondalup

Designed for students with a strong interest in the living world. Students study cellular and molecular biology, genetics, physiology, ecology and evolution, with an emphasis on the diversity and interactions of organisms with their environments.

Careers

Biomedical Researcher, Nature Conservationist, Environmental Consultant, Botanist, Catchment Officer, Natural Resource Officer, Sanctuary Manager, Animal Biologist, Conservation Field Officer, Ecologist.

Major Structure

SCC1123 Chemistry for the Life Sciences
SCI1183 Origins and Evolution of Life
SCI1187 Form and Function in Biology
SCI2112 Molecular Biology and Biochemistry
SCI2116 Diversity of Life
SCI2117 Genetics
SCI3112 Evolution and Systematics

Select one unit from the following list:

SCI3114 Ecophysiology
SCB3201 Studies in Ecology

Criminology

Availability: Joondalup

Recommended for students with an interest in criminology and justice. This major will provide an understanding of the criminal justice system, offenders, policing and corrections in a contemporary environment. It also includes skills required for employment, including Indigenous cultural responsiveness.

Careers

Security Analyst, Security Manager, Intelligence Analyst, Counter Terrorism Consultant, Security Consultant, Security and Risk Manager, Intelligence Officer, Strategic Risk Analyst, Security Profiler, Intelligence Profiler.

Major Structure

CRI1103 Criminology
CRI1104 The Psychology of Criminal Behaviour
CRI2115 Psychology and Criminal Justice
CRI2103 Correclional Studies – Theory and Practice
CRI2201 Critical Aspects of Policing
CRI3120 Aboriginal Australians in the Criminal Justice System
CRI3205 Professional Ethics, Accountability and Integrity

or

CRI3206 Misconduct and Corruption Prevention
CRI2202 Youth Justice

or

CRI3112 Operational Policing
Cyber Security

**Availability:** Joondalup

Focuses on practical and theoretical aspects of cyber security across a range of topics, including network security and vulnerability assessment, information security policy and governance, digital forensics, wireless security, ethical hacking.

**Careers**


**Major Structure**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSG1105</td>
<td>Applied Communications</td>
</tr>
<tr>
<td>CSI1101</td>
<td>Computer Security</td>
</tr>
<tr>
<td>CSI2108</td>
<td>Cryptographic Concepts</td>
</tr>
<tr>
<td>CSG2305</td>
<td>Computer Forensics</td>
</tr>
<tr>
<td>CSG2344</td>
<td>Project Methods and Professionalism</td>
</tr>
<tr>
<td>CSI3207</td>
<td>Network Security Fundamentals</td>
</tr>
<tr>
<td>CSG3309</td>
<td>IT Security Management</td>
</tr>
<tr>
<td>CSI3208</td>
<td>Ethical Hacking and Defence</td>
</tr>
</tbody>
</table>

Law in Business

**Availability:** Joondalup

No industry can escape the legal context in which all businesses and organisations must operate. Having a sound understanding of commercial law and the ability to manage legal risk is a skill valued by employers both in the private and public sector. Students will study the foundations of law including legal framework, legal process, legal writing and research, torts and trade practices, competition and consumer protection law. Students can then tailor the major to suit their area of interest with three electives including property, employment, banking, mining, international trade and intellectual property, among others.

While this major does not qualify students to become practising lawyers, graduates will qualify for entry to Bachelor of Laws (Y11) with a credit transfer for the professionally accredited law units already studied within the last 10 years.

**Careers**

Company Director, Office Administrator or Manager, Administration Manager, Contract Manager or Officer, Compliance Officer, Legal Administration Officer.

**Major Structure**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW1100</td>
<td>Legal Framework I</td>
</tr>
<tr>
<td>LAW1116</td>
<td>Legal Process</td>
</tr>
<tr>
<td>LAW1600</td>
<td>Legal Writing and Research</td>
</tr>
<tr>
<td>LAW117</td>
<td>Torts I</td>
</tr>
<tr>
<td>LAW3221</td>
<td>Trade Practices, Competition and Consumer Protection Law</td>
</tr>
</tbody>
</table>

Management

**Availability:** South West (Bunbury) & Joondalup

Designed for students who want to take the lead in any business, the management major provides a modern and practical understanding of a career in management. Students will graduate with a theoretical and practical understanding of organisational behaviour, leadership, general management, strategic management, human resource management and business ethics along with vital employability skills which employers are looking for in graduates.

The major is relevant for all line managers and professionals aspiring to be in managerial positions.

**Careers**

Business Manager, Manager, Management Consultant, Team Leader, Supervisor, Administrator.

**Major Structure**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAN100</td>
<td>Management</td>
</tr>
<tr>
<td>MAN2120</td>
<td>Organisational Behaviour</td>
</tr>
<tr>
<td>MAN2145</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td>MAN3121</td>
<td>Leadership</td>
</tr>
<tr>
<td>MAN3503</td>
<td>Strategic Management</td>
</tr>
<tr>
<td>MAN3810</td>
<td>Business Ethics</td>
</tr>
</tbody>
</table>

Select two units from the following list:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAN2020</td>
<td>Logistics</td>
</tr>
<tr>
<td>MAN2610</td>
<td>Managing for Sustainability</td>
</tr>
<tr>
<td>MAN3705</td>
<td>International Negotiation</td>
</tr>
<tr>
<td>MAN3802</td>
<td>Entrepreneurship</td>
</tr>
</tbody>
</table>
Politics and International Relations

Availability: Joondalup & Mount Lawley

Examine the ideas, structures and processes that drive politics at both the national and international level. Emphasis is placed on assisting students to understand the nature of contemporary political challenges and the role of political leadership, the media, corporate interests, public opinion and grassroots political movements in framing and addressing these challenges.

While the focus is global, thematic and interdisciplinary, specialist units are offered in Australian, American and Chinese politics. The major offers students the opportunity to build links between politics and history through units covering the rise to power of Hitler and Stalin, and America during the Cold War.

Careers
Teacher, Research/Policy Officer, Journalist, State/Federal Member of Parliament Employee, Diplomatic Servant.

Major Structure
Select two units from the following list:
- POL1103 Modern Political Thought
- POL1104 Foundations of Politics and Government
- POL1105 Introduction to International Relations: The World into the 21st Century

Select six units from the following list:
- HIS3101 Human Rights: Struggles for Global Justice
- HIS3106 The World’s Most Dangerous Places: Politics and History through Documentary
- JOU2107 Political Journalism
- POL2103 Terrorism
- POL2130 Themes in Global Politics
- POL3106 Public Policy: Shaping Nations
- POL3109 China: The Rise of a Global Power
- POL3110 Global Politics and the Environment
- POL3122 Contemporary America: Government, Economy and Society
- POL3124 Hitler and Stalin: Studies in Power, Ideology and Propaganda
- POL2127 Australian Government
- POL3133 Visionaries, Warmongers and Protesters: American Political History Through Film (1950–1975)

Professional Studies

Availability: Joondalup

Aimed towards enhancing students’ employability upon graduation by augmenting core security knowledge and academic skills with professional employability requisites. Students undertaking this major will study units relating to the corporate environment, including management, business analytics, governance and project management. They will then be placed with one of ECU’s business and industry partners for a semester to undertake a real world project that will meet specific corporate security objectives, consequently enhancing employability opportunities post-graduation through the delivery of a real-world security project/projects.

Additional Admission Requirements
Have a course WAM of 65 or greater by the completion of their first year of study (120 cp).

Work Experience Requirement
Students have the opportunity to seek a Work Integrated Learning placement with an industry partner.

Clearance and/or Risk Management Protocols Required
The School has a well developed set of risk assurance documents to the WIL Coordinator, student and host need to sign before any placement can commence.

Careers
Security Officer, Intelligence Officer, Crime Prevention Officer, Governance Officer, Protection Officer, Risk Officer, Researcher, Policy Officer.

Major Structure
- SBL1400 Introduction to Business Analytics
- MAN1100 Management
- CRI3205 Professional Ethics, Accountability and Integrity
- MAN3612 Project Management
- CSI3345 Work Experience Project
BACHELOR OF INFORMATION TECHNOLOGY

Duration: 3 Years  
Availability: Joondalup  
Intake: February & July  
CRICOS Code: 052093D  
Annual Indicative Fees: $33,100  
See more course information: ecu.edu.au/courses/U67

Focuses on the practical and theoretical dimensions of information technology, and prepares students for careers in the fields of information technology, IT management and cyber security.

The course places an emphasis on critical thinking and problem solving alongside discipline knowledge and skills, providing students with the opportunity to undertake complex information technology projects both independently and in teams. Students are introduced to concepts including programming, mathematics, networking, databases and cyber security in their foundation year, before developing advanced skills in information technology, including web development, data management and visualisation in an enterprise context, IT security management and project management.

Work Experience Option  
Students have the opportunity to seek a Work Integrated Learning placement with an industry partner, equivalent to one semester of full-time study.

Professional Recognition  
Australian Computer Society (ACS) have accredited this course.

Careers  
Computer Support Officer, Systems Analyst, IT Consultant, Systems Administrator, Software Support Officer, Project Manager, Systems Integrator, Data Analyst.

Course Structure  
Students are required to complete 21 or 23 units, depending on option chosen in last semester:

- 20 Core Units  
- 2 Elective Units + 1 Applied Project OR 1 Work Experience Project Unit

Year 1 – Semester 1  
SCI1125 Professional Science Essentials  
CSP1150 Programming Principles  
MAT1252 Mathematics for Computing  
CSI1241 Systems Analysis

Year 1 – Semester 2  
CSG1105 Applied Communications  
CSI1101 Computer Security  
ENS1161 Computer Fundamentals  
CSG1207 Systems and Database Design

Year 2 – Semester 1  
CSG2132 Enterprise Data  
CSP2101 Scripting Languages  
CSI2102 Information Security  
CSI2104 Introduction to Information Warfare

Year 2 – Semester 2  
CSG2431 Interactive Web Development  
CSG2344 Project Methods and Professionalism  
MAN1100 Management  
CSI3207 Network Security Fundamentals

Year 3 – Semester 1  
MAT3170 Data Analysis and Visualisation  
CSG3309 IT Security Management  
MAN3121 Leadership  
MKT2805 Social Media Marketing

Students who are NOT undertaking a Work Integrated Learning Placement  
Year 3 – Semester 2  
CSG3101 Applied Project  
Elective 2 x Elective Units

Students who ARE undertaking a Work Integrated Learning Placement  
Year 3 – Semester 2  
CSI3345 Work Experience Project

BACHELOR OF SCIENCE (CYBER SECURITY)

Duration: 3 Years  
Availability: Joondalup  
Intake: February & July  
CRICOS Code: 077146A  
Annual Indicative Fees: $33,100  
See more course information: ecu.edu.au/courses/Y89

Focuses on the practical and theoretical dimensions of IT security across a range of fundamental areas, such as network security and vulnerability assessment, information security, digital forensics, wireless device security and database security. Students will gain a solid grounding in conventional computer and network security concepts and skills. In addition, the course is designed to meet the changing landscape of secure computing, which involves not only computers, but also telecommunications networks and network enabled devices such as smartphones and tablet devices.

Work Experience Option  
Students have the opportunity to seek a Work Integrated Learning placement with an industry partner, equivalent to one semester of full-time study.
Professional Recognition
Australian Computer Society (ACS) have accredited this course.

Careers

Course Structure
Students are required to complete 21 or 23 units, depending on option chosen in last semester.

Year 1 – Semester 1
- SCI1125 Professional Science Essentials
- CSP1150 Programming Principles
- MAT1252 Mathematics for Computing
- CS11241 Systems Analysis

Year 1 – Semester 2
- CSG1105 Applied Communications
- CS11101 Computer Security
- ENS1161 Computer Fundamentals
- CSG1207 Systems and Database Design

Year 2 – Semester 1
- CSI2108 Cryptographic Concepts
- CSI2104 Introduction to Information Warfare
- CSP2101 Scripting Languages
- CSI2102 Information Security

Year 2 – Semester 2
- CSI3207 Network Security Fundamentals
- CSG2344 Project Methods and Professionalism
- CSI2107 Software Reverse Engineering
- CSG2305 Computer Forensics

Year 3 – Semester 1
- CSI3208 Ethical Hacking and Defence
- MAT3170 Data Analysis and Visualisation
- CSG3309 IT Security Management
- CSG3308 Wireless Security

Year 3 – Semester 2
Students who are NOT undertaking a Work Integrated Learning Placement
- CSG3101 Applied Project
- Elective 2 x Elective Units

Students who ARE undertaking a Work Integrated Learning Placement
- CSI3345 Work Experience Project

Bachelor of Science (Security)

Duration: 3 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 030825K
Annual Indicative Fees: $34,050
See more course information: ecu.edu.au/courses/E72

Develops a student’s knowledge and skills in physical protection design and management. The course emphasizes the diagnosis of security concerns through a risk approach. Then the development of the security strategy applying theories and principles of security before commissioning and ongoing management of the protection solution. It is supported by appropriate studies in technology, law and ethics.

Work Experience Option
Students have the opportunity to seek a Work Integrated Learning placement with an industry partner.

Careers

Course Structure
Students are required to complete 21 or 24 units, depending on option chosen in last year.

Year 1 – Semester 1
- SCY1118 Security Foundations
- SCY1108 Building Management Systems
- SCI1125 Professional Science Essentials
- CSI2102 Information Security

Year 1 – Semester 2
- SCY1103 Physical Security
- SCY2107 Threat Detection Systems
- SCP1134 Foundations of Physics
- CSG1105 Applied Communications

Year 2 – Semester 1
- SCY2108 Security Control Systems
- SCP2343 Intermediate Physics
- Minor / Elective 2 x Minor / Elective Units

Year 2 – Semester 2
- SCY2212 Security Risk
- LAW2605 Security and the Law
- Minor / Elective 2 x Minor / Elective Units
Students who are NOT undertaking a Work Integrated Learning Placement

Year 3 – Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSI3207</td>
<td>Network Security Fundamentals</td>
</tr>
<tr>
<td>SCY2109</td>
<td>Surveillance Systems</td>
</tr>
<tr>
<td>Minor / Elective</td>
<td>2 x Minor / Elective Units</td>
</tr>
</tbody>
</table>

Year 3 – Semester 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCY3506</td>
<td>Counter Intelligence</td>
</tr>
<tr>
<td>MAN3612</td>
<td>Project Management</td>
</tr>
<tr>
<td>Minor / Elective</td>
<td>2 x Minor / Elective Units</td>
</tr>
</tbody>
</table>

Students who ARE undertaking a Work Integrated Learning Placement

Year 3 – Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSI3207</td>
<td>Network Security Fundamentals</td>
</tr>
<tr>
<td>SCY2109</td>
<td>Surveillance Systems</td>
</tr>
<tr>
<td>Minor / Elective</td>
<td>2 x Minor / Elective Units</td>
</tr>
</tbody>
</table>

Year 3 – Semester 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSI3345</td>
<td>Work Experience Project</td>
</tr>
</tbody>
</table>

Additional Admission Requirements
One or more of the majors in this course has admission requirements; refer to the major for more information.

Work Experience Option
Students have the opportunity to seek a semester long Work Integrated Learning placement with an industry partner relevant to the Science discipline.

Careers

Course Structure
Students are required to complete 21 or 24 units, depending on option chosen in last semester:
- 4 Core Units
- 8 Major Units
- 8 Major Units (second major)
- 4 Elective Units OR 1 Work Experience Project Unit

Core Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCI1182</td>
<td>Case Studies in Science</td>
</tr>
<tr>
<td>SCI1125</td>
<td>Professional Science Essentials</td>
</tr>
<tr>
<td>MAT1114</td>
<td>Introductory Statistics</td>
</tr>
</tbody>
</table>

Select one unit from the following list:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCI1187</td>
<td>Form and Function in Biology</td>
</tr>
<tr>
<td>SCI1183</td>
<td>Origins and Evolution of Life</td>
</tr>
<tr>
<td>SCC1123</td>
<td>Chemistry for the Life Sciences</td>
</tr>
<tr>
<td>SCP1132</td>
<td>Introduction to Physics</td>
</tr>
<tr>
<td>SCP1134</td>
<td>Foundations of Physics</td>
</tr>
</tbody>
</table>

Provides high quality studies in a wide range of science and technology disciplines. Students take introductory science and mathematics units, and select two majors relevant to their interests and aspirations. Four course-level electives allow flexibility, the capacity to undertake overseas study or to enrol in specific humanities units that contribute to eligibility for entry to a postgraduate teacher education course.

Students studying on the South West (Bunbury) campus undertake a specified set of core units and both the Conservation Biology and Environmental Management majors. Units undertaken on the South West (Bunbury) campus will be delivered as a series of lecture or laboratory intensives, supported by technology enhanced learning and digital content.

Majors
- Addiction Studies • Applied Chemistry • Aviation
- Biological Sciences • Computer Science
- Conservation Biology • Data Science • Environmental Management • Health Promotion • Human Biology
- Marine and Freshwater Science • Mathematics
- Nutrition • Occupational Safety and Health • Physics
- Sports Science
**MAJORS:**

**Addiction Studies**

**Availability:** Joondalup

Provides students with an understanding of the use and problems associated with alcohol, tobacco and other psychoactive drugs. Students investigate fundamental concepts about drug use and drug users, psychoactive drug use, the nature of addiction and dependency and behaviour change. Australian and international approaches to drug policy, intervention initiatives, alcohol and other drug counselling skills, and evidence-based approaches to reducing harm are also covered.

**Careers**

Community Health Officer, Drug Rehabilitation Officer, Youth Worker, Child Health Officer, Health Care Officer, Health Promotion Officer, Health Officer, Drug Policy Worker, Quit Smoking Project Officer.

**Major Structure**

- ADS1151 Addiction Studies: Fundamental Concepts
- ADS1252 Addiction Studies: Psychoactive Drugs
- ADS2253 Addiction Studies: Processes of Change
- ADS2356 Addiction Studies: Intervention Initiatives
- ADS3355 Addiction Studies: Social Action
- ADS3252 Addiction Studies: Counselling Skills 1
- ADS3351 Addiction Studies: Counselling Skills 2
- ADS3458 Addiction Studies: Preventive Practice

**Applied Chemistry**

**Availability:** Joondalup

Provides a thorough grounding in analytical chemistry. With a strong emphasis on developing analytical skills and instrumentation, students study diverse methods used to investigate the chemical nature of substances in a range of applications – from pure laboratory analysis to environmental investigations and monitoring and medical settings.

**Careers**


**Major Structure**

- SCC1111 General Chemistry
- SCC1201 Chemistry: Structure and Reactions
- SCC2211 Organic Chemistry
- SCC2301 Forensic and Analytical Chemistry
- SCC3201 Analytical Chemistry
- SCI3150 Science Project

Select two units from the following list:

- SCI3309 Biological and Chemical Hazards
- SCI3206 Environmental Investigation and Monitoring
- SCI2112 Molecular Biology and Biochemistry
- SCI2117 Genetics
- SCH2232 Medical Biochemistry
- SCH1133 Human Genetics
- SCH2226 Human Molecular Genetics
- SCH2142 Forensic Genetics

**Aviation**

**Availability:** Joondalup

Recommended for students who wish to enter the aviation industry in non-flying roles. This major provides a broad professional education and introduction to the core industry activity of flying people and freight from point-to-point.

**Careers**

Flight Planner, Aviation Operations Controller, Load Controller, CASA Regulator, Fixed Based Operations Officer, Accident Investigator.

**Major Structure**

- SCA1125 Fundamentals of Flight
- SCA1116 Aviation Legislation and Regulatory Frameworks
- SCA1229 Aviation Meteorology
- SCA2101 Aircraft Performance
- SCA2224 Aircraft Systems
- SCA3100 Aircraft Propulsion

Select one of the following group of two units:

- SCA1117 Human Factors in Aviation
- SCA3200 Crew Resource Management

or

- SCA2100 Flight Operations
- SCA2212 Advanced Aerodynamics
Biological Sciences

**Availability:** Joondalup

Designed for students with a strong interest in the living world. Students study cellular and molecular biology, genetics, physiology, ecology and evolution, with an emphasis on the diversity and interactions of organisms with their environments.

**Careers**

Biomedical Researcher, Nature Conservationist, Environmental Consultant, Botanist, Catchment Officer, Natural Resource Officer, Sanctuary Manager, Animal Biologist, Conservation Field Officer, Ecologist.

**Major Structure**

- SCC1123 Chemistry for the Life Sciences
- SCI1183 Origins and Evolution of Life
- SCI1187 Form and Function in Biology
- SCI2112 Molecular Biology and Biochemistry
- SCI2116 Diversity of Life
- SCI2117 Genetics
- SCI3112 Evolution and Systematics

Select one unit from the following list:

- SCI3114 Ecophysiology
- SCB3201 Studies in Ecology

---

Conservation Biology

**Availability:** South West (Bunbury) & Joondalup

Focuses on knowledge and skills required for the study and management of biodiversity. Students develop the ability to analyse complex interplays between humans and the natural world, and devise approaches to important conservation issues.

**Careers**

Biodiversity Manager, Nature Conservationist, Environmental Consultant, Wildlife Conservation Worker, Environmental Educator, Sanctuary Manager, Natural Resource Officer, Biologist, Bushland Supervisor, Environmental Management Officer.

**Major Structure**

- SCI1183 Origins and Evolution of Life
- SCI1185 Ecology
- SCI1187 Form and Function in Biology
- SCI2116 Diversity of Life
- SCI2117 Genetics
- SCI2118 Australian Biota
- SCM3201 Conservation Biology
- SCI3115 Wildlife Management

---

Computer Science

**Availability:** Joondalup

Designed to provide students with skills in programming, analysis and project management, that can be applied to a wide range of roles in the information technology (IT) industry.

**Careers**


**Major Structure**

- CSP1150 Programming Principles
- ENS1161 Computer Fundamentals
- CSP2348 Data Structures
- CSG2245 Computer Science Methods
- CSG2341 Intelligent Systems
- CSP2104 Object-oriented Programming with C++
- CSP3242 Internet and Java Programming
- CSP3341 Programming Languages and Paradigms

---

Data Science

**Availability:** Joondalup

Focuses on the numeracy and analytical repertoire of graduates. Graduates will gain statistical expertise in analysing and visualising simple and complex data sets from a variety of sources such as disease markers, genomic and transcriptomic data and business data sets. Graduates will be competitive in the data science job market as it is implemented in computing, business and the natural sciences.

**Additional Admission Requirements**

All applicants are required to complete as a minimum MAT1108 Foundations of Mathematics or Year 11 Mathematics Methods ATAR, with equivalents considered.

**Employment Opportunities**

Data Analyst, Data Scientist, Applied Statistician

**Major Structure**

- MAT1137 Introductory Applied Mathematics
- MAT1252 Mathematics for Computing
- CSP1150 Programming Principles
- CSG1207 Systems and Database Design
- MAT2110 Applied Statistics
- MAT2440 Time Series Forecasting
- MAT3110 Applied Multivariate Statistics
- MAT3120 Machine Learning and Data Visualisation
Environmental Management

**Availability:** Joondalup & South West (Bunbury)

Designed for students who want to develop a specialisation in the area of environmental management, including sustainable management of natural areas and urban landscapes.

**Careers**

Environmental Officer, Environmental Consultant, Landcare Officer, Environmental Education Provider, Coastcare Officer, Landcare Ranger, Coastcare Ranger, Marine and National Park Ranger.

**Major Structure**

- SCI1185 Ecology
- SCI1193 Introduction to Environmental Science
- SCC1123 Chemistry for the Life Sciences
- SCI3206 Environmental Investigation and Monitoring
- SCM3203 Environmental Impact Assessment

Select three units from the following list:

- SCI2108 Environmental Management and Sustainability
- SCI2115 Ecological Restoration
- SCI2371 Sustainable Water
- SCI3453 Sustainable Natural Resource Management
- SCI3307 Waste Management
- SCM2104 Geographical Information Systems
- SCM2201 Soil and Land Processes

---

Professional Recognition

International Union for Health Promotion and Education (IUHPE) have accredited this unit set. This professional accreditation offers graduates recognition internationally in health promotion practice and education. Graduates of the Bachelor of Health Science (majoring in Health Promotion) are eligible to apply for recognition as an IUHPE Registered Health Promotion practitioner, and have their name recorded on the IUHPE Health Promotion Accreditation System Global Register for a period of three years. Re-registration is based on agreed criteria for Continuing Professional Development (CPD) every three years.

**Careers**

Aged Care Worker, Asthma WA Worker, Diabetes Australia Worker, Cancer Council Worker, Disability WA Worker, Child Protection Officer, Health Promotion Officer, Injury Prevention Officer, Mental Health Worker.

**Major Structure**

- HST1125 Health Priorities and Human Behaviour
- HST1120 Introduction to Health Promotion
- HST1183 Health, Society and Sustainability
- HST2124 Health Communication
- HST2220 Health Promotion Planning and Administration
- HST2120 Community Development in Health Promotion
- HST3100 Child and Adolescent Health
- HST3101 Healthy Ageing

---

Health Promotion

**Availability:** Joondalup & South West (Bunbury)

Prepares students for a role as a health promotion professional in a changing global environment. Health promotion is the process of enabling people to increase control over their health by strengthening their skills and capabilities and reducing inequalities in the community.

Students will cover planning, development and implementation of health promotion policies and projects, such as Quit Smoking, Be Active or LiveLighter, using a variety of strategies, including e-health, mass media, community development and engagement processes, advocacy, social marketing, research and evaluation. The content also covers various health promotion settings (e.g. schools and rural areas) and population groups (e.g. refugees and minority groups, youth, and the ageing population).

---

Human Biology

**Availability:** Joondalup

Offers students the opportunity to focus on issues of health and disease. It combines the traditional interests of Human Biologists, including genetics, anatomy and physiology and evolution, with a biomedical analysis of the human condition.

**Careers**

Medical Scientists, Research Scientists, Medical Representatives, Research Officers, Research Assistants, Biomedical Technicians, Science Teachers, Lecturers, Scientific Communicators, Medical Administrators.

**Major Structure**

Units listed below that are core of your program (course) cannot be counted towards this Major.
Students may select up to four units from the following list:

- MHS1101 Anatomy and Physiology 1
- MHS1102 Anatomy and Physiology 2
- SCH1104 Introduction to Pathophysiology
- SCH1105 Introduction to Pharmacology
- SCH1111 Fundamental Biomedical Techniques
- SCH1132 Human Evolution and Ecology
- SCH1133 Human Genetics

Students must complete at least two units from:

- SCH2111 Applied Physiology
- SCH2141 Advanced Biomedical Techniques
- SCH2142 Forensic Genetics
- SCH2226 Human Molecular Genetics
- SCH2232 Medical Biochemistry
- SCH2235 Applied Microbiology

Students must complete at least two units from:

- SCH3145 Biomedical Ethics
- SCH3223 Medical Genetics
- SCH3227 The Biology of Human Disease
- SCH3239 Human Immunology
- SCH3444 Developmental Biology
- SCH3434 Human Reproduction, Development and Ageing
- MMS3101 Evolutionary Perspectives on Health and Disease

---

**Marine and Freshwater Science**

**Availability:** Joondalup

Designed for students with an interest in aquatic environments. Students study biological and physical processes that occur in both marine and freshwater systems, and develop skills to enable them to contribute to management and understanding of water-based ecosystems. There is an emphasis on the continuity of these environments across the transition from fresh water to estuarine and marine systems.

**Careers**

Marine Biologist, Marine Scientist, Environmental Officer, Water Manager, Marine Park Manager, Marine Park Ranger.

**Major Structure**

- SCI1185 Ecology
- SCI1187 Form and Function in Biology
- SCM2110 Marine and Freshwater Processes
- SCI2111 Marine and Fisheries Biology
- SCI2371 Sustainable Water
- SCI3113 Freshwater Ecosystems
- SCI3210 Marine and Coastal Ecosystems

Select one unit from the following list:

- SCB3201 Studies in Ecology
- SCI3150 Science Project
- SCM2201 Soil and Land Processes
- SCI3453 Sustainable Natural Resource Management

---

**Mathematics**

**Availability:** Joondalup

Provides students with a broad base of mathematics skills across the core areas of applied mathematics, including calculus, statistics, mathematical modelling and linear algebra. The applied flavour of the major provides the necessary background for students wishing to pursue higher studies in areas of applied mathematics and statistics. Students whose primary focus is in the biological sciences, physical sciences, business or finance, will also benefit from the development/enhancement of core skills in data analysis and modelling, making mathematics a strong choice as a second and supporting major.

**Additional Admission Requirements**

All applicants are required to complete as a minimum MAT1137 Introductory Applied Mathematics or ATAR Mathematics Methods or ATAR Mathematics Specialist, with equivalents considered.

**Major Structure**

- MAT1250 Mathematics 1
- MAT1251 Mathematics 2
- MAT2110 Applied Statistics
- MAT2438 Optimisation and Networks
- MAT2440 Time Series Forecasting
- MAT3150 Differential Equations and Numerical Methods
- MAT3486 Multivariate Calculus
- MAT3487 Decision Making and Risk

---

**Nutrition**

**Availability:** Joondalup

This major complements many other disciplines and is suited to students who aspire to be employed as a community or corporate nutritionist offering general nutrition advice, or for employment in public health and health promotion roles. The major provides practical science-based knowledge about nutrients and the non-nutrient substances in food, the assessment of nutritional status, nutritional needs during the lifecycle, community nutrition issues, the psychology and sociology of food habits, and current controversies in nutrition.

**Membership**

Students can apply for membership with the Nutrition Society of Australia (NSA). Enrolled students and graduates can apply for membership of the Nutrition Society of Australia (NSA). Graduates, who complete this nutrition major within a science degree, are eligible to apply to the Nutrition Society of Australia’s Register of Nutritionists.

**Careers**

## Major Structure

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUT1111</td>
<td>Food and Nutrients</td>
</tr>
<tr>
<td>NUT1121</td>
<td>Human Nutrition</td>
</tr>
<tr>
<td>NUT2210</td>
<td>Nutrition in the Life Cycle</td>
</tr>
<tr>
<td>NUT2220</td>
<td>Nutritional Assessment</td>
</tr>
<tr>
<td>NUT3215</td>
<td>Exercise Nutrition</td>
</tr>
<tr>
<td>NUT3221</td>
<td>Community Nutrition</td>
</tr>
<tr>
<td>NUT3231</td>
<td>Food Habits and Trends</td>
</tr>
<tr>
<td>NUT3241</td>
<td>Controversies in Nutrition</td>
</tr>
</tbody>
</table>

## Occupational Safety and Health

**Availability:** Joondalup & South West (Bunbury)

Provides students with an introduction to this profession and equips them with the knowledge and skills to function effectively in the health and safety industry. Students undertaking this major as part of the Bachelor of Health Science should select a second major in Environmental Management, Health Promotion, Addiction Studies or Nutrition.

**Professional Recognition**

Institution of Occupational Safety and Health have accredited this unit set. Australian OHS Education Accreditation Board (AOHSEAB) have accredited this unit set.

**Membership**

Graduates are eligible to apply for membership with the Institution of Occupational Safety and Health.

**Careers**

Occupational Safety and Health Manager, Occupational Hygiene Technician, Workers Compensation Administrator, Rehabilitation Officer, Risk Manager, Community Health Officer.

## Physics

**Availability:** Joondalup

Provides students with a thorough background in fundamental and advanced physics with a strong emphasis on scientific instrumentation, measurement and analytical skills.

The major is designed to meet industries’ need for capable, dynamic and innovative graduates with well-developed analytical and problem-solving skills and a sound theoretical knowledge in physics. It gives students a hands-on and practical understanding of physics with laboratory-based programs and projects to encourage practical learning.

**Additional Admission Requirements**

Have Physics ATAR, with equivalents considered, and have Mathematics: Methods ATAR, with equivalents considered.

**Careers**

Physicist, Astronomer, Teacher, Lecturer, Professor, Researcher.

## Major Structure

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCP1111</td>
<td>Physics of Motion</td>
</tr>
<tr>
<td>SCP1112</td>
<td>Waves and Electricity</td>
</tr>
<tr>
<td>SCP2343</td>
<td>Intermediate Physics</td>
</tr>
<tr>
<td>SCP2211</td>
<td>Modern Physics</td>
</tr>
<tr>
<td>SCP3318</td>
<td>Advanced Physics</td>
</tr>
<tr>
<td>SCI3150</td>
<td>Science Project</td>
</tr>
</tbody>
</table>

**Recommended Electives**

Select two units from the following list:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENS1162</td>
<td>Electrical Engineering 1A</td>
</tr>
<tr>
<td>MAT1250</td>
<td>Mathematics 1</td>
</tr>
<tr>
<td>ENM2104</td>
<td>Instrumentation and Measurement</td>
</tr>
<tr>
<td>ENS2108</td>
<td>Mechanical Science</td>
</tr>
<tr>
<td>SCI2123</td>
<td>Astronomy</td>
</tr>
</tbody>
</table>
**Sports Science**

**Availability:** Joondalup

Provides students with the scientific knowledge of exercise, human movement and sport. This major helps prepare students for professional roles in a variety of positions in the private, corporate and government sectors requiring personnel with high levels of competence in the area of health and fitness, elite sport, performance improvement, sports coaching, and sports science research.

**Careers**


**Major Structure**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>MHS1101</td>
<td>Anatomy and Physiology 1</td>
</tr>
<tr>
<td>MHS1102</td>
<td>Anatomy and Physiology 2</td>
</tr>
<tr>
<td>SPS1111</td>
<td>Foundations of Fitness and Training</td>
</tr>
<tr>
<td>SPS1502</td>
<td>Biomechanics</td>
</tr>
<tr>
<td>SPS2505</td>
<td>Exercise Physiology</td>
</tr>
<tr>
<td>SPS2516</td>
<td>Motor Learning and Control</td>
</tr>
<tr>
<td>SPS3101</td>
<td>Psychology of Sport and Exercise</td>
</tr>
</tbody>
</table>

Select one unit from the following list:

- SPS3502 Advanced Biomechanics
- SPS3505 Advanced Exercise Physiology
- SPS3111 Physical Activity and Health
- SPS3601 Advanced Social Psychology of Exercise and Sport

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**BACHELOR OF SCIENCE / BACHELOR OF COMMERCE**

**Duration:** 4 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 094919G  
**Annual Indicative Fees:** $32,300

See more course information: ecu.edu.au/courses/W27

This double degree allows students to graduate with qualifications in both Science and Commerce. The four years include concurrent study in both disciplines, with students choosing one major in science and another in commerce. The course provides multiple possibilities for international study and/or exchange, and a choice of electives to broaden knowledge and skills.

**Business Majors**

- Accounting  
- Event Management  
- Finance  
- Hotel Management  
- Human Resource Management  
- International Business  
- Law in Business  
- Management  
- Marketing  
- Project Management  
- Sport Business  
- Tourism and Hospitality Management

**Science Majors**

- Addiction Studies  
- Applied Chemistry  
- Aviation  
- Biological Sciences  
- Computer Science  
- Conservation Biology  
- Data Science  
- Environmental Management  
- Health Promotion  
- Human Biology  
- Marine and Freshwater Science  
- Mathematics  
- Nutrition  
- Occupational Safety and Health  
- Physics  
- Sports Science

**Additional Admission Requirements**

One or more of the majors in this course has admission requirements; refer to the major for more information.

**Work Experience Option**

The ECU Business Placement programs provide students with a unique opportunity to gain valuable real-world experience in a public, private or not-for-profit organisation. This enables students to gain relevant work experience, allowing them to develop professional networks, practice applying theory learned during their degree, develop skills and capabilities required to succeed in their chosen profession, and gain a better understanding of the nature of employment and professional conduct in their chosen industry.

**Careers**

Sustainability Officer, Climate Change Adaptation Manager, Scientific Consultant, Government Scientist, Scientific Adviser, Business Manager, Business Consultant/Adviser, Marketing Officer.

**Course Structure**

Students are required to complete 32 units:

- 16 Science Units  
  - 4 Core Units  
  - 8 Major Units  
  - 4 Elective Units  
- 16 Commerce Units  
  - 7 Core Units  
  - 8 Major Units  
  - 1 Elective Unit

Visit ecu.edu.au/courses/W27 for more details.
Bachelor of Science (Biological Sciences)

Duration: 3 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 072694B
Annual Indicative Fees: $34,250
See more course information: ecu.edu.au/courses/Y18

Designed for students with a passion for the living world, this course has a strong emphasis on biodiversity. Students study cellular and molecular biology, genetics, evolution, physiology, ecology and animal and plant structure. The hands-on nature of the course means graduates have a sound understanding of the theory underpinning biological sciences coupled with skills that can be applied in a wide range of professions. Students benefit from a learning environment inspired by world class research academics with strong industry and government links.

Work Experience Option
Students have the opportunity to seek a semester long Work Integrated Learning placement with an industry partner relevant to the Biological Science discipline.

Careers
Biodiversity Manager, Biomedical Researcher, Nature Conservationist, Environmental Consultant, Zoologist, Botanist, Catchment Officer, Natural Resource Officer, Conservation Field Officer.

Course Structure
Students are required to complete 21 or 24 units, depending on option chosen in last year.

Year 1 – Semester 1
- SCI1125 Professional Science Essentials
- SCI1187 Form and Function in Biology
- SCI1193 Introduction to Environmental Science

Select one unit from the following list:
- SCC1123 Chemistry for the Life Sciences
- SCC1111 General Chemistry

Year 1 – Semester 2
- SCI1182 Case Studies in Science
- SCI1183 Origins and Evolution of Life
- SCI1185 Ecology
- SCI1192 Physical Environments

Year 2 – Semester 1
- SCI2117 Genetics
- SCM2201 Soil and Land Processes
- MAT1114 Introductory Statistics
- Elective 1 x Elective Unit

Year 2 – Semester 2
- SCI2112 Molecular Biology and Biochemistry
- SCI2116 Diversity of Life
- Elective 2 x Elective Units

Students who are NOT undertaking a Work Integrated Learning Placement

Year 3 – Semester 1
- SCI3112 Evolution and Systematics
- SCI3114 Ecophysiology
- Elective 2 x Elective Units

Year 3 – Semester 2
- SCB3201 Studies in Ecology
- SCI3150 Science Project
- Elective 2 x Elective Units

Students who ARE undertaking a Work Integrated Learning Placement

Year 3 – Semester 1
- SCI3112 Evolution and Systematics
- SCI3114 Ecophysiology

Year 3 – Semester 2
- SCB3201 Studies in Ecology
- Elective 1 x Elective Unit

Year 3 – SUMMER
- CSI3345 Work Experience Project
Bachelor of Science (Conservation and Wildlife Biology)

Duration: 3 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 063345J
Annual Indicative Fees: $34,250
See more course information: ecu.edu.au/courses/K57

Focuses on the knowledge and skills required to understand the significance of conservation of biodiversity. Students develop the ability to analyse the complex interplays between humans and the natural world, and to apply the tools of modern biology to devising approaches that tackle important conservation issues. The course covers ecology, genetics, wildlife management, animal and plant biology, evolution and the theory and practice of conservation biology. Students benefit from a learning environment inspired by world class research academics with strong industry and government links.

Work Experience Option
Students have the opportunity to seek a semester long Work Integrated Learning placement with an industry partner relevant to the Conservation and Wildlife Biology discipline.

Careers

Course Structure
Students are required to complete 21 or 24 units, depending on option chosen in last year.

Year 1 – Semester 1
SCI1125 Professional Science Essentials
SCI1187 Form and Function in Biology
SCI1193 Introduction to Environmental Science

Select one unit from the following list:
SCC1123 Chemistry for the Life Sciences
SCC1111 General Chemistry

Year 1 – Semester 2
SCI1182 Case Studies in Science
SCI1183 Origins and Evolution of Life
SCI1185 Ecology
SCI1192 Physical Environments

Year 2 – Semester 1
SCI2108 Environmental Management and Sustainability
SCM2201 Soil and Land Processes
MAT1114 Introductory Statistics
SCI2117 Genetics

Year 2 – Semester 2
SCI2116 Diversity of Life
SCI2112 Molecular Biology and Biochemistry
SCI2118 Australian Biota
ACS2122 Aboriginal Perspectives on the Environment

Students who are NOT undertaking a Work Integrated Learning Placement

Year 3 – Semester 1
SCI3112 Evolution and Systematics
SCI3115 Wildlife Management
SCM3201 Conservation Biology
Elective 1 x Elective Unit

Year 3 – Semester 2
SCB3201 Studies in Ecology
SCI3150 Science Project
Elective 2 x Elective Units

Students who ARE undertaking a Work Integrated Learning Placement

Year 3 – Semester 1
SCI3112 Evolution and Systematics
SCI3115 Wildlife Management
SCM3201 Conservation Biology

Year 3 – Semester 2
SCB3201 Studies in Ecology

Year 3 – SUMMER
CSI3345 Work Experience Project

Undergraduate 179
Bachelor of Science (Environmental Management)

Duration: 3 Years  
Availability: Joondalup  
Intake: February & July  
CRICOS Code: 074071F  
Annual Indicative Fees: $34,250  
See more course information: [ecu.edu.au/courses/Y39](http://ecu.edu.au/courses/Y39)

Focuses on the multidisciplinary nature of environmental management. Students gain a grounding in the biological and physical aspects of the environment and the knowledge and skills used in its management.

Work Experience Option
Students have the opportunity to seek a semester long Work Integrated Learning placement with an industry partner relevant to the Environmental Management discipline.

Careers
Environmental Officer, Environmental Consultant, Catchment Officer, Natural Resource Officer, Environmental Management Officer, Conservation Field Officer, Land Management Officer, Environmental Consultant, Landcare Officer.

Course Structure
Students are required to complete 21 or 24 units, depending on option chosen in last year.

Year 1 – Semester 1
- SCI1125 Professional Science Essentials
- SCI1187 Form and Function in Biology
- SCI1193 Introduction to Environmental Science

Select one unit from the following list:
- SCC1123 Chemistry for the Life Sciences
- SCC1111 General Chemistry

Year 2 – Semester 1
- SCI2108 Environmental Management and Sustainability
- SCI2115 Ecological Restoration
- SCM2110 Marine and Freshwater Processes
- SCM2201 Soil and Land Processes

Year 2 – Semester 2
- SCM2104 Geographical Information Systems
- ACS2122 Aboriginal Perspectives on the Environment
- SCI2118 Australian Biota
- Elective 1 x Elective Unit

Students who are NOT undertaking Work Integrated Learning Placement

Year 3 – Semester 1
- SCI3206 Environmental Investigation and Monitoring
- Elective 3 x Elective Units

Year 3 – Semester 2
- SCB3201 Studies in Ecology
- SCI3150 Science Project
- SCM3203 Environmental Impact Assessment
- SCI3453 Sustainable Natural Resource Management

Students who ARE undertaking a Work Integrated Learning Placement

Year 3 – Semester 1
- SCI3206 Environmental Investigation and Monitoring

Year 3 – Semester 2
- SCB3201 Studies in Ecology
- SCM3203 Environmental Impact Assessment
- SCI3453 Sustainable Natural Resource Management

Year 3 – SUMMER
- CSI3345 Work Experience Project

Bachelor of Science (Marine and Freshwater Biology)

Duration: 3 Years  
Availability: Joondalup  
Intake: February & July  
CRICOS Code: 057984F  
Annual Indicative Fees: $34,200  
See more course information: [ecu.edu.au/courses/G87](http://ecu.edu.au/courses/G87)

Designed for students with an interest in aquatic ecosystems, the course introduces the biological and physical processes that occur in both marine and freshwater systems. There is an emphasis on the continuity of these environments across the transition from freshwater to estuarine and into marine systems. Students develop skills that are required to understand and manage such systems. Students benefit from a learning environment inspired by world class research academics with strong industry and government links.
Work Experience Option
Students have the opportunity to seek a semester long Work Integrated Learning placement with an industry partner relevant to the Marine and Freshwater Biology discipline.

Careers
Marine Scientist, Aquatic Biologist, Marine Park Manager, Marine Biologist, Environmental Officer, Water Manager, Catchment Coordinator, Aquatic Scientist, Natural Resource Manager.

Course Structure
Students are required to complete 21 or 24 units, depending on option chosen in last year.

**Year 1 – Semester 1**
- SCI1125 Professional Science Essentials
- SCI1187 Form and Function in Biology
- SCI1193 Introduction to Environmental Science

Select one unit from the following list:
- SCC1123 Chemistry for the Life Sciences
- SCC1111 General Chemistry

**Year 1 – Semester 2**
- SCI1182 Case Studies in Science
- SCI1183 Origins and Evolution of Life
- SCI1185 Ecology
- SCI1192 Physical Environments

**Year 2 – Semester 1**
- MAT1114 Introductory Statistics
- SCM2110 Marine and Freshwater Processes
- SCM2201 Soil and Land Processes
- Elective 1 x Elective Unit

**Year 2 – Semester 2**
- SCI2111 Marine and Fisheries Biology
- SCI2116 Diversity of Life
- Elective 2 x Elective Units

**Students who are NOT undertaking Work Integrated Learning Placement**

**Year 3 – Semester 1**
- SCI3210 Marine and Coastal Ecosystems
- Elective 3 x Elective Units

**Year 3 – Semester 2**
- SCB3201 Studies in Ecology
- SCI3150 Science Project
- SCI3113 Freshwater Ecosystems
- Elective 1 x Elective Unit

**Students who ARE undertaking a Work Integrated Learning Placement**

**Year 3 – Semester 1**
- SCI3210 Marine and Coastal Ecosystems
- Elective 1 x Elective Unit

**Year 3 – Semester 2**
- SCB3201 Studies in Ecology
- SCI3113 Freshwater Ecosystems

**Year 3 – SUMMER**
- CSI3345 Work Experience Project

**BACHELOR OF SUSTAINABILITY**

*Duration:* 3 Years
*Availability:* Joondalup + Mount Lawley
*Intake:* February & July

Students are required to attend classes on both the Joondalup and the Mount Lawley campuses to complete the course.

**CRICOS Code:** 079110G
**Annual Indicative Fees:** $33,150

See more course information: [ecu.edu.au/courses/C55](http://ecu.edu.au/courses/C55)

Presents students with a unique opportunity to contribute to an emerging challenge that we all face – how to make our lives, livelihoods, communities, environments and spaces sustainable. To meet this challenge, society will need graduates with an awareness and understanding of disciplines from across environmental, social and economic domains. The environmental domain covers the water, air and soil and the biota that inhabit them, while the economic domain deals with the financial and managerial aspects of business and resource decisions. The social domain recognises that people are both the cause of and solution to sustainability issues.

Students will receive practical and theoretical guidance in a set of skills that are essential for solving problems: systems thinking, critical thinking, and decision-making, and will build personal attributes that will enable them to work in teams to generate new ideas, and new solutions. Studies will include an emphasis on field-based exercises and workplace learning.

**Majors**
- Developing Sustainable Communities
- Humanities and Arts
- Sustainable Business Management
- Sustainable Environments

**Careers**
Sustainability Officer, Sustainability Practitioner, Sustainability Consultant, Government Officer, Scientific Adviser.
Course Structure

Students are required to complete 32 units:

- 19 Core Units
- 5 Major Units, with 3 of the 8 units from the Major already included in the core program.

### Year 1 – Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCI1001</td>
<td>Introduction to Sustainability</td>
</tr>
<tr>
<td>HST1183</td>
<td>Health, Society and Sustainability</td>
</tr>
<tr>
<td>GEO1150</td>
<td>Geography and Environment: People, Pattern, Process</td>
</tr>
</tbody>
</table>

Select one unit from the following list:

- SCC1123 Chemistry for the Life Sciences
- SCC1111 General Chemistry

Note: Students who have completed Chemistry ATAR or equivalent should enrol in SCC1111 General Chemistry, all other students should enrol in SCC1123 Chemistry for the Life Sciences.

### Year 1 – Semester 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCI1185</td>
<td>Ecology</td>
</tr>
<tr>
<td>CSV1101</td>
<td>Introduction to Community Work</td>
</tr>
<tr>
<td>MAN1100</td>
<td>Management</td>
</tr>
<tr>
<td>ACC1100</td>
<td>Accounting I</td>
</tr>
</tbody>
</table>

### Year 2 – Semester 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCM2201</td>
<td>Soil and Land Processes</td>
</tr>
<tr>
<td>SCI2371</td>
<td>Sustainable Water</td>
</tr>
<tr>
<td>ACS2122</td>
<td>Aboriginal Perspectives on the Environment</td>
</tr>
<tr>
<td>Major</td>
<td>1 x Major Unit</td>
</tr>
</tbody>
</table>

### Year 2 – Semester 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAN2610</td>
<td>Managing for Sustainability</td>
</tr>
<tr>
<td>CSV1102</td>
<td>Introduction to Social Analysis</td>
</tr>
<tr>
<td>MAN3810</td>
<td>Business Ethics</td>
</tr>
<tr>
<td>Major</td>
<td>1 x Major Unit</td>
</tr>
</tbody>
</table>

### Year 3 – Semester 1

Note: Students should select POL3110 Global Politics and the Environment if it is timetabled, otherwise select HIS2140 Slavery: From Ancient Greece to the Modern Global Economy.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL3110</td>
<td>Global Politics and the Environment</td>
</tr>
<tr>
<td>HIS2140</td>
<td>Slavery: From Ancient Greece to the Modern Global Economy</td>
</tr>
<tr>
<td>SCI3307</td>
<td>Waste Management</td>
</tr>
<tr>
<td>Major</td>
<td>2 x Major Units</td>
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</table>

### Year 3 – Semester 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCI3453</td>
<td>Sustainable Natural Resource Management</td>
</tr>
<tr>
<td>ECF3603</td>
<td>Environmental Economics</td>
</tr>
<tr>
<td>CCA3111</td>
<td>Preparation for Professional Life</td>
</tr>
<tr>
<td>Major</td>
<td>1 x Major Unit</td>
</tr>
</tbody>
</table>

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**MAJORS:**

**Developing Sustainable Communities**

**Availability:** Joondalup

Focuses on utilising the whole community approach in shaping sustainable communities. In this major, students develop an understanding of people and their relationships with their communities, strategies to support people and communities to work together to meet common goals, and skills in building communities to be environments where people want to work and live.

Students will be able to apply the knowledge necessary to support people to remain engaged with their community, build social capital, mobilise resources and develop partnerships to plan sustainable and liveable environments.

**Work Experience Requirement**

Students are required to complete a year-long professional placement unit which provides opportunities for extended work integrated learning experiences within the community.

**Careers**

Sustainability Officer, Sustainability Practitioner, Sustainability Consultant, Government Officer, Scientific Adviser.

**Major Structure**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>CSV1102</td>
<td>Introduction to Social Analysis</td>
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<tr>
<td>CSV1101</td>
<td>Introduction to Community Work</td>
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<td>ACS3133</td>
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<td>CSV3111</td>
<td>Community Development</td>
</tr>
<tr>
<td>CSV3113</td>
<td>Professional Placement</td>
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</table>

Select two units from the following list:

- CSV3101 Social Policy
- PSY1101 Introduction to Psychology
- PSY1204 Social Determinants of Behaviour
- PSY3217 Cultural Issues in Psychology
- YWK3231 Strategies for Social Change
Humanities and Arts

Availability: Mount Lawley

Enables students to develop a firm foundation in historical, geographical, cultural and political knowledge, with sustainability as a central theme. Higher level units in this major include contemporary sustainable design practices and environmental humanities, in conjunction with an arts practicum that contextualises this knowledge within a breadth of professional learning experiences.

Careers
Sustainability Officer, Sustainability Practitioner, Sustainability Consultant, Government Officer, Scientific Adviser.

Major Structure
- GEO1150 Geography and Environment: People, Pattern, Process
- ACS3133 Aboriginal Communities
- POL3110 Global Politics and the Environment

Select five units from the following list:
- CCA3101 Environmental Humanities
- DEF1106 Collaborative Design
- GEO3123 Physical Geography: Landforms and Landscapes
- HIS1105 World History
- HIS3101 Human Rights: Struggles for Global Justice
- ICS3201 Arts Practicum
- POL1105 Introduction to International Relations: The World into the 21st Century
- TDD2102 3D Design Practices: Materiality

Sustainable Environments

Availability: Joondalup

Allows students to develop knowledge in biology and environmental administration, and undertake a relevant project in natural sciences to enrich understandings of ecologically sustainable processes on land and in water. Students will be able to apply these understandings to nature conservation, impact assessment and natural resource management.

Careers
Sustainability Officer, Sustainability Practitioner, Consultant, Environmental Officer, Policy Advisor, Planning Officer, Research Officer.

Careers
Sustainability Officer, Sustainability Practitioner, Consultant, Government Officer, Scientific Adviser.

Major Structure
- SCM2201 Soil and Land Processes
- SCI2371 Sustainable Water
- SCI2108 Environmental Management and Sustainability
- SCI1187 Form and Function in Biology
- SCI3120 Natural Sciences Project
- SCI3453 Sustainable Natural Resource Management

Select two units from the following list:
- SCM3201 Conservation Biology
- SCM3203 Environmental Impact Assessment
- SCM2110 Marine and Freshwater Processes

Sustainable Business Management

Availability: Joondalup

Enables students to construct a business case for sustainability through developing an accounting framework for a sustainability venture. Students will address the challenges faced by organisations in setting/maintaining their sustainability agendas, working towards program, project and organisational sustainability for businesses, and being able to negotiate the tensions that exist between resource management and profit imperatives.

Careers
Sustainability Officer, Sustainability Practitioner.

Major Structure
- ACC1100 Accounting I
- ECF1110 Economics I
- MAN1100 Management
- ACC2350 Cost Accounting
- ECF3603 Environmental Economics
- MAN3503 Strategic Management
- MAN3810 Business Ethics

Select one unit from the following list:
- MAN3612 Project Management
- FBL3501 Business Practicum
MASTER OF BIOINFORMATICS

Duration: 2 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 0100038
Annual Indicative Fees: $32,650
See more course information: ecu.edu.au/courses/I77

Provides students with skills and experience in bioinformatics, focusing on omics science, computer programming, applied mathematics and statistics. It provides work experience in relevant organisations within the industry, allowing students to gain an understanding of the application of bioinformatics in a real world context. It also focuses on practical skills for researchers and industry professionals in bioinformatics, and offers flexible study options through on-campus and off-campus study.

Clinical or Professional Work Placement Requirement
Work Integrated Learning is undertaken by the students in their final, capstone unit. In this unit, the student is supervised by a staff member who is allocated as their academic supervisor. This is in addition to a workplace supervisor who is an experienced staff member of the organisation hosting the work experience student. Students undertaking a work placement will demonstrate discipline knowledge, communication and collaboration skills, in addition to a proven professional work ethic whilst undertaking projects in an industry or university setting. There are attendance requirements for this clinical or professional work placement. Students on clinical or professional work placement must observe professional practice rules.

Careers
Bioinformatician, computational biologist, computational chemist, computational scientist, systems biologist, clinical bioinformatician, data scientist, data analyst, informatician, biometrician.

Course Structure
Students are required to complete 10 units.

Year 1 – Semester 1
- MATS212 Biostatistics
- CSI6208 Programming Principles
- SCH6234 Molecular Biology and Genomics

Year 1 – Semester 2
- MAT6206 Data Analysis and Visualisation
- SCI6150 Biological Databases and Data Mining
- SCI6152 Mass Spectrometry in Systems Biology

Year 2 – Semester 1
- RESS115 Research Preparation: Principles and Approaches
- SCI6151 Integrative Systems Biology
- SCH6245 Clinical Bioinformatics

Year 2 – Semester 2
- CSI6223 Work Experience Project
# Master of Computer Science

**Duration:** 2 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 065186C  
**Annual Indicative Fees:** $34,050  
See more course information: [ecu.edu.au/courses/I45](http://ecu.edu.au/courses/I45)

Designed to meet the demand for computing experts in an ever evolving digital industry landscape. Students will be exposed to contemporary computer science techniques and technologies with a strong focus on practical application of computing and theory, process and principles. It is also relevant to those seeking to enter the IT profession who have no previous experience in the computing discipline. The curriculum and capstone components of the course are heavily influenced by industry and offer students the opportunity to apply their expertise in authentic and real-world situations.

**Work Experience Option**  
Students have the opportunity to seek a semester long Work Integrated Learning placement with an industry partner relevant to the ICT discipline.

**Professional Recognition**  
Australian Computer Society (ACS) have accredited this course.

**Careers**  

**Course Structure**  
Students are required to complete 10 units.

**Year 1 – Semester 1**  
- CSI6201 Networking Technologies  
- CSI6207 Systems Analysis and Database Design  
- CSI6208 Programming Principles

**Year 1 – Semester 2**  
- CSI6199 Cyber Security  
- CSI6203 Scripting Languages  
- CSI6209 Artificial Intelligence

**Year 2 – Semester 1**  
- CSI6219 Principles of Project Management  
- MAT6206 Data Analysis and Visualisation  
- CSI6210 Current Topics in Computer Science

**Year 2 – Semester 2**  
**Students who ARE undertaking a Work Integrated Learning Placement**  
- CSI6223 Work Experience Project

**Students who are NOT undertaking a Work Integrated Learning Placement**  
- CSI6224 Applied Project

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# Master of Computing and Security by Research

**Duration:** 2 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 0100039  
**Annual Indicative Fees:** $34,000  
See more course information: [ecu.edu.au/courses/I85](http://ecu.edu.au/courses/I85)

Designed to provide advanced, research-based studies in theoretical and applied areas of computing or security science. The course aims to extend knowledge in the discipline area alongside knowledge of research methods in those areas of science. Students will undertake a significant independent research investigation resulting in a thesis that will have relevance to the above discipline areas.

**Employment Opportunities**  
Employment opportunities exist in research institutions, universities and private and corporate industries.

**Course Structure**  
Students are required to complete 5 units.

**Year 1 – Semester 1**  
- CSG6120 Research Proposal Preparation  
- RES5115 Research Preparation: Principles and Approaches

**Year 1 – Semester 2**  
- CSG6123 Master Research Preparation  
- Elective 1 x Elective Unit

**Year 2**  
Students are required to continue to re-enrol in the thesis component of their study until the thesis is submitted for examination: Masters Thesis (CSG6200).

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# Graduate Certificate of Cyber Security

**Duration:** 0.5 Years  
**Availability:** Joondalup  
**Intake:** February & July  
**CRICOS Code:** 078329G  
**Annual Indicative Fees:** $17,050  
See more course information: [ecu.edu.au/courses/L50](http://ecu.edu.au/courses/L50)

Designed to meet the demand for cyber security professionals in government, law enforcement, and industry. The course engages with, and provides a pathway for, information technology professionals seeking to commence or further progress their careers in the cyber security domain. It is also relevant to those seeking to enter the IT profession who have no previous experience in the cyber discipline.
Science Postgraduate

Careers

Course Structure
Students are required to complete 3 units.

Year 1 – Semester 1
- CSI6199 Cyber Security
- CSI6201 Networking Technologies
- CSI6202 Network Security

Graduate Diploma of Cyber Security

Duration: 1 Year
Availability: Joondalup
Intake: February & July
CRICOS Code: 078349D
Annual Indicative Fees: $34,050
See more course information: ecu.edu.au/courses/L51

Designed to meet the demand for cyber security professionals in government, law enforcement and industry. The course engages with and provides a pathway for information technology professionals seeking to commence or further progress their careers in the cyber security domain. It is also relevant to those seeking to enter the IT profession who have no previous experience in the cyber discipline. The course takes two semesters to complete in full-time mode.

Careers

Course Structure
Students are required to complete 6 units.

Year 1 – Semester 1
- CSI6199 Cyber Security
- CSI6201 Networking Technologies
- CSI6202 Network Security

Year 1 – Semester 2
- CSI6203 Scripting Languages
- CSI6204 Ethical Hacking and Defence
- CSI6205 Digital Forensics

Master of Cyber Security

Duration: 2 Years
Availability: Joondalup or Melbourne or Sydney
Intake: February & July
CRICOS Code: 083335A
Annual Indicative Fees: $34,050
See more course information: ecu.edu.au/courses/L33

Designed to meet the demand for cyber security professionals within government, law enforcement and industry. The course engages with and provides a pathway for information technology professionals seeking to commence or further progress their careers in the cyber security domain. It is also relevant to those seeking to enter the IT profession who have no previous experience in the cyber discipline.

Work Experience Option
Students have the opportunity to seek a semester long Work Integrated Learning placement with an industry partner relevant to the cyber discipline.

Professional Recognition
Australian Computer Society (ACS) have accredited this course.

Careers

Course Structure
Students are required to complete 10 units.

Year 1 – Semester 1
- CSI6199 Cyber Security
- CSI6201 Networking Technologies
- CSI6202 Network Security

Year 1 – Semester 2
- CSI6203 Scripting Languages
- CSI6204 Ethical Hacking and Defence
- CSI6205 Digital Forensics

Year 2 – Semester 1
- MAT6206 Data Analysis and Visualisation
- CSI6219 Principles of Project Management
- CSI6206 Information Warfare
POSTGRADUATE

MASTER OF ENVIRONMENTAL SCIENCE

Duration: 2 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 091873G
Annual Indicative Fees: $31,700
See more course information: ecu.edu.au/courses/J48

Provides students with skills and experience in environmental science, focusing on project management, occupational health and safety, sustainability, monitoring and reporting. It provides work experience in relevant organisations within the industry, allowing students to gain an understanding of the management of environmental projects. It also focuses on skills for the environmental, engineering, and sustainability professions and offers flexible study options through on-campus and off-campus study.

Practicum Requirement
Students will undertake a project with an organisation under supervision of ECU and industry organisation staff.

Non-Standard Timetable
When undertaking placement/project work this will be non-standard.

Employment Opportunities
This course places students with an industry/organisation for their semester-long project. The placement will enable students to undertake environmental research/monitoring, reporting and communicating with a partner, as well as getting direct exposure to the nature of the organisation and its priorities. This provides an excellent springboard for employment following this degree. Employment opportunities will be in local government, industry, state, national government and non-government organisations, particularly in the resources sector.

Course Structure
Students are required to complete 10 units.

Year 1 – Semester 1
MAT5212 Biostatistics
SCI5133 Environmental and Health Risk Assessment
SCI5170 Sustainability Assessment and Reporting

Year 1 – Semester 2
SCI6103 Environmental Management Systems and Auditing
MAN6303 Program Management
MAN6925 Project Management

Year 2 – Semester 1
RESS115 Research Preparation: Principles and Approaches
OHS6132 Occupational Health and Safety Management Systems
SCI6100 Environmental Monitoring and Investigation

Year 2 – Semester 2
SCI6104 Environmental Management Project

NEW

MASTER OF SCIENCE BY RESEARCH

Duration: 2 Years
Availability: Joondalup
Intake: February & July
CRICOS Code: 0100040
Annual Indicative Fees: $34,000
See more course information: ecu.edu.au/courses/I84

Designed to provide advanced, research-based studies in theoretical and applied areas of biological science, environmental science, environmental management, analytical chemistry or mathematics. The course aims to extend understandings of knowledge in the discipline area alongside knowledge of research methods in those areas of science and management. Students will undertake a significant independent research investigation resulting in a thesis that will have relevance to the above areas of science and management.

Employment Opportunities
Employment opportunities exist in research institutions, universities and private and corporate industries.

Course Structure
Students are required to complete 5 units.

Year 1 – Semester 1
SCI6106 Research Proposal Preparation
RESS115 Research Preparation: Principles and Approaches

Year 1 – Semester 2
SCI6107 Master Research Preparation
Elective 1 x Elective Unit

Year 2
Students are required to continue to re-enrol in the thesis component of their study until the thesis is submitted for examination: Masters Thesis (SCI6200).

DOCTOR OF PHILOSOPHY

We also offer a PhD and PhD Integrated in the field of science. For more details, please see pages 224–225.
If you want to make a positive difference to the lives of young people and be part of the next generation of outstanding teachers, ECU’s School of Education is where you begin.

ECU’s School of Education has nationally accredited, quality teacher education programs in early childhood, primary and secondary education.

Our experienced academic team are world leaders in the area of teacher education. Being the longest established school of education in Western Australia, we continue to enhance the preparation of teachers through innovative teaching and learning, research and community based partnerships.

Our teacher education courses are world class, ensuring graduates are ready to teach in their own classroom.

**CAREERS:**

- Art Teacher
- Biological Science Teacher
- Chemistry Teacher
- Child Care Professional
- Computing Teacher
- Design & Technology Teacher
- Digital Media Teacher
- Education Officer
- English Teacher
- High School Teacher
- Home Economics Teacher
- Kindergarten Teacher
- Music Teacher
- Pedagogical Leader
- Primary School Teacher
- Principal
- Social Science Teacher
Many of our students have the opportunity to gain overseas experience through our study tours and international practicum placement opportunities. Our students have been to Bhutan, Canada, Indonesia, Sri Lanka, Thailand, the United Kingdom and the United States. Many pre-service teachers have described this opportunity as one of the highlights of their course.

Our courses in early childhood, primary and secondary teacher education are renowned for their extensive professional practice, making our graduates job-ready and preferred by many employers. Your study at ECU will be embedded in authentic classroom settings involving real students and real teaching. With over 1,000 ECU partnership schools and early childhood learning centres, your study will focus on the needs of educational settings of today and will be supported through classroom-based experiences. This ensures you will be prepared for your very own classroom when you graduate.

Students studying early childhood or primary teaching at ECU have the opportunity to complete a formal specialisation. Having an area of specialisation recognised on your transcript and testamur gives you an edge when finding a job and is win-win for our pre-service teachers and the young people they will go on to teach.

We have the widest range of secondary teaching majors available across all western Australian universities.

As an ECU pre-service teacher, you may have the opportunity to study your entire final semester, along with your final practicum placement, within one of our partner schools. This opportunity is only available if you’re achieving strong results, both academically and in professional practice. It provides the chance to undertake even more practical experience with a longer practicum component and networking opportunities.

“...I thought that was a great starting point.

The School of Education has fantastic lecturers who are so enthusiastic and encouraging. They understand how difficult it can be at times and are always there to push us along and give us that extra boost that we need.

As an early childhood education student, I had the opportunity to undertake professional practice where I was able to teach and learn with an amazing set of students and a mentor teacher. Having that experienced teacher meant I was able to get feedback on my teaching practices and learn new ways of teaching children.

AYESHA WRIGHT
ECU Early Childhood Education graduate
England
This nationally accredited course is designed to graduate early childhood educators who are competent teachers ready to work in schools and a range of early childhood settings. A key feature of this course is connecting theory with practice. Graduates will have the knowledge and be able to develop early childhood educational programs for children from birth to 8 years of age.

Partnerships with over 1,000 schools and early childhood settings allow pre-service teachers to gain experience in diverse settings, including public, private, metropolitan, regional and remote contexts working with children, families and communities.

In addition, a distinguishing feature of this course is that pre-service teachers have the opportunity in the fourth year of their course to specialise and broaden their knowledge and skills in an area of interest. Units are also available in the degree that enables pre-service teachers to complete accreditation requirements to teach in Catholic schools.

Final year pre-service teachers can apply for a place in the internship program in either a school or early learning setting.

Additional Admission Requirements
- Complete the Non-Academic Requirements for Teaching (NART);
- Academic IELTS with an average level of 7.5 or more, across the four components of listening, speaking, reading and writing; no score below level 7.0 in any of these components; and, a score of 8.0 or more in the components of speaking and listening.

Professional Recognition
Australian Children’s Education & Care Quality Authority (ACECQA) have accredited this course. Teacher Registration Board of Western Australia (TRBWA) have accredited this course.

Professional Registration
Students will need to graduate to be eligible to register with the Teacher Registration Board of Western Australia (TRBWA). Registration with the Teacher Registration Board of Western Australia (TRBWA) is required to practice in the profession.

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Professional Registration
Students will need to graduate to be eligible to register with the Teacher Registration Board of Western Australia (TRBWA). Registration with the Teacher Registration Board of Western Australia (TRBWA) is required to practice in the profession.

Non-Standard Timetable
Students have the opportunity to complete a fast-tracked final year and achieve eligibility for employment in schools from Term 4 during the same year.

Careers
Kindergarten, Pre-Primary or Junior Primary Teacher, Child Care Professional, Pedagogical Leader, Centre Director.

Course Structure
Students are required to complete 30, 33, or 34 units:
- 2 Literacy and Numeracy Test Units
- 21 Core Units
- 3 Professional Practice Units
- 3 x Specialisation / Elective Units
- 1, 3 or 4 Last Semester Units – depending on option chosen

Test Units
- LIT1200 Personal Literacy
- NUM1200 Personal Numeracy

Year 1 – Semester 1
- AED1240 Drama Arts in Early Childhood Education
- ECS1240 Becoming an Early Childhood Educator
- ECS1250 Learning and Learners
- LAN1009 Communication Skills for Teaching and Learning

Year 1 – Semester 2
- ECS1265 Young Children’s Learning and Development
- LAN1265 English 1: Oral Communication
- ECS1245 Play and Pedagogy
- IPP1260 Inquiry in Professional Practice (Child Care)

Year 2 – Semester 1
- ECM2260 Early Childhood Mathematics 1
- ECS2240 Guiding Children’s Behaviour in Positive Learning Environments
- MUE2240 Music Arts in Early Childhood Education
- SCE2240 Early Childhood Science and Technology Education

Year 2 – Semester 2
- ECS3260 Assessing and Evaluating Young Children’s Learning
- HPE2260 Health and Physical Education for Young Children
- LAN2266 English 2: Literacy Learning in the Early Years
- IPP2260 Inquiry in Professional Practice (K/PP)
Year 3 – Semester 1
AED3245 Visual Arts in Early Childhood Education
EDS3240 Including Children with Special Educational Needs
LAN3246 English 3: Literacy in the Junior Primary Years of School
SSE3260 Social Science Education in Early Childhood

Year 3 – Semester 2
ECM3260 Early Childhood Mathematics 2
EDF3201 Teaching Indigenous Australian Students
LAN3260 English 4: Planning and Differentiating the English Curriculum in Early Childhood
IPP3260 Inquiry in Professional Practice 3: Junior Primary

Year 4 – Semester 1
IPP4260 Assistant Teacher Program
Specialisation 3 x Specialisation Units
or
Elective 3 x Elective Units

Year 4 – Semester 2
Students are required to select one of the following four options:
Option 1
ECS4330 Leading in Early Childhood Settings
Specialisation 3 x Specialisation Units

Option 2
Students may wish to diversify their elective choices and develop a broad body of knowledge relevant to early childhood education. If this option is preferred, students must complete ECS4330 and ECS4261 as well as any two units from any of the five areas of specialization, or from the additional electives listed below. If students select this option, no specialisation will be recorded on the academic transcript.
LAN4228 Literacy Coaching in Junior Primary
LIT4260 Children's Literature in the Classroom
SCE4270 Teaching Integrated Science in Junior Primary Years

Option 3
EDU4226 School-based Project

Option 4
EDU4227 Internship

BACHELOR OF EDUCATION (PRIMARY)
Duration: 4 Years
Availability: Joondalup, Mount Lawley & South West (Bunbury)
Intake: February
CRICOS Code: 074169G
Annual Indicative Fees: $30,750
See more course information: ecu.edu.au/courses/Y41

This nationally accredited course is dedicated to producing future teachers ready to enter the primary education teaching profession. A key feature of this course is the range and number of professional practice experiences offered to pre-service teacher education students, ensuring they can make the essential connection between theory and practice, while building both professional and generic employability skills in real teaching environments.

Partnerships between ECU and over 1,000 schools and early learning centres allow for pre-service teachers to gain experience in diverse settings, including public, private, metropolitan, regional, rural or remote schools, working with children from diverse economic, social, ethnic and educational circumstances.

Pre-service teachers also have the opportunity to complete a formal specialisation in their Primary Education qualification. This enables you to obtain a deeper and broader level knowledge and understanding in a particular Learning Area at the graduate level. Units are also available in the degree that enable students to complete accreditation requirements to teach in Catholic schools.

Additional Admission Requirements
• Complete the Non-Academic Requirements for Teaching (NART);
• Academic IELTS with an average level of 7.5 or more, across the four components of listening, speaking, reading and writing; no score below level 7.0 in any of these components; and, a score of 8.0 or more in the components of speaking and listening.

Professional Recognition
Teacher Registration Board of Western Australia (TRBWA) have accredited this course.

Professional Registration
Students will need to graduate to be eligible to register with the Teacher Registration Board of Western Australia (TRBWA). Registration with the Teacher Registration Board of Western Australia (TRBWA) is required to practice in the profession.

Non-Standard Timetable
Students have the opportunity to complete a fast-tracked final year and achieve eligibility for employment in schools from Term 4 of that year.

Careers
Primary School Teacher.
Course Structure
Students are required to complete 29 or 32 units:

- 2 Literacy and Numeracy Test Units
- 21 Core Units
- 3 Professional Experience Units
- 3 x Specialisation Units
- 1 or 4 Last Semester Units – depending on option chosen

Test Units
- LIT1200: Personal Literacy
- NUM1200: Personal Numeracy

Year 1 – Semester 1
- EDL1240: Introduction to Teaching
- EDL1250: Learning and Learners
- MAE1250: Foundations of Primary Mathematics
- AED1260: The Arts in Education 1

Year 1 – Semester 2
- EDL1260: Children’s Growth, Development and Learning
- LAN1260: Spoken Language in Primary School
- SCE1260: Science Education in Primary Schools 1
- PPA1260: Professional Experience 1

Year 2 – Semester 1
- HPE2240: Health and Physical Education in Primary Schools
- LAN2240: English in the Early Years of Primary School
- MAE2250: Teaching and Learning in Primary Mathematics 1
- HSS2240: Humanities and Social Science in Primary Schools 1

Year 2 – Semester 2
- HSS2260: Humanities and Social Science in Primary Schools 2
- EDU2260: Positive Learning Environments
- AED2240: The Arts in Education 2
- AED2240: Professional Experience 2

Year 3 – Semester 1
- SCE3240: Science Education in Primary Schools 2
- EDF3101: Working with Indigenous Australian Children, Youth and their Families
- EDS3240: Including Children with Special Educational Needs
- LAN3280: English in Middle and Upper Primary School

Year 3 – Semester 2
- EDU3265: Assessing and Evaluating Learning
- MAE3270: Teaching and Learning in Primary Mathematics 2
- LAN3240: English for Speakers of Other Languages or Dialects
- LAN3240: Professional Experience 3

Year 4 – Semester 1
- LAN3240: Professional Experience 4 – Assistant Teacher Program
- Specialisation: 1 x Specialisation Unit

Year 4 – Semester 2
Students are required to select one of the following options:

Option 1
- DTM4260: Materials Design and Technology
- Specialisation: 3 x Specialisation Units

Option 2
- EDU4226: School-based Project

Option 3
- EDU4227: Internship
Bachelor of Education (Secondary)

Duration: 4 Years
Availability: Joondalup & Mount Lawley
Students may be required to attend both campuses depending on their selected major and minor combination.
Intake: February & July
CRICOS Code: 074171B
Annual Indicative Fees: $30,600
See more course information: ecu.edu.au/courses/Y68

This nationally accredited course provides the opportunity for those with a passion in a particular subject specialisation and the desire to work with young people, to become secondary teachers. Students study their preferred areas of specialisation concurrent with a suite of core education units that address key educational needs of young people. Students graduating from this course will have the flexibility to take up employment in both private and government secondary schools.

A key feature of the course is an emphasis on the use of Information Technology (IT) in learning and teaching. As well as gaining the professional knowledge needed to successfully incorporate IT into learning programs, teaching students develop their own IT skills, ensuring they are professionally prepared for teaching and have the confidence to promote student learning in new and innovative ways.

Majors
- Biological Science Education
- Design and Technology Education
- Drama Education
- English Education
- Health and Physical Education
- Home Economics Education
- Humanities and Social Sciences Education
- Mathematics Education
- Music Education
- Visual Arts Education

Additional Admission Requirements
- Complete the Non-Academic Requirements for Teaching (NART);
- One or more of the majors in this course has admission requirements; refer to the major for more information;
- Academic IELTS with an average level of 7.5 or more, across the four components of listening, speaking, reading and writing; no score below level 7.0 in any of these components; and, a score of 8.0 or more in the components of speaking and listening.

Professional Recognition
Teacher Registration Board of Western Australia (TRBWA) have accredited this course.

Professional Registration
Students will need to graduate to be eligible to register with the Teacher Registration Board of Western Australia (TRBWA). Registration with the Teacher Registration Board of Western Australia (TRBWA) is required to practice in the profession.

Careers
Teacher, Education Officer, High School Teacher, Art Teacher, Biological Science Teacher, Computing Teacher, Design & Technology Teacher, Digital Media Teacher, Drama Teacher.

Course Structure
Students are required to complete 29 or 32 units:
- 2 Literacy and Numeracy Test Units
- 10 Core Units
- 10 Major Content Units
- 2 Major Curriculum Units
- 4 Minor Units
- 2 Minor Curriculum Units
- 3 Practicum Units

Test Units
LIT1200 Personal Literacy
NUM1200 Personal Numeracy

Year 1 – Semester 1
EDU1010 Becoming a Teacher
Major 2 x Major Content Units
Minor 1 x Minor Content Unit

Year 1 – Semester 2
CUR1212 ICT-Enhanced Curriculum
Major 2 x Major Content Units
Minor 1 x Minor Content Unit

Year 2 – Semester 1
EDU2110 Teaching, Learning and Assessment
Major 1 x Major Curriculum Unit
Major 2 x Major Content Units

Year 2 – Semester 2
EDU2231 Creating Positive Learning Environments
Major 1 x Major Curriculum Unit
EDU2231 First Professional Practice
Major 1 x Major Content Unit

Year 3 – Semester 1
Minor 1 x Minor Curriculum Unit
Major 2 x Major Content Units
Minor 1 x Minor Content Unit

Year 3 – Semester 2
Minor 1 x Minor Curriculum Unit
CUR3211 Integrating Curriculum with Practice
CUR3211 Second Professional Practice
EDF3101 Working with Indigenous Australian Children, Youth and their Families

Year 4 – Semester 1
EDU4120 Literacy in Teaching and Learning
EDU4120 Assistant Teacher Program

Year 4 – Semester 2
EDU3104 Diversity in the Secondary Classroom
Unit from Minor
CUR4210 Curriculum Enrichment for the Major Secondary Specialisation
EDP4111 Teachers and the Education System
SPL4157 School Based Professional Learning – Internship
MAJORS:

**Biological Science Education**
*Availability:* Joondalup
Addresses key biological science understandings and provides the extended content knowledge required to address the demands and opportunities of the secondary school biological science curriculum. Emphasis is given to inquiry-based practical work, demonstrations, co-operative group work, whole class discussions and use of information communication technology, to ensure effective learning and teaching practices in secondary science. Planning, teaching, and assessment strategies are developed within a range of science content areas.

**Additional Admission Requirements**
All applicants are required to demonstrate satisfactory performance in Biology ATAR or Chemistry ATAR or Human Biology ATAR or Earth and Environmental Science ATAR or Integrated Science ATAR or Physics ATAR, with equivalents considered.

**Careers**
Secondary Biological Science Teacher.

**Major Structure**
Students are required to complete 10 Content units and 2 Curriculum units. Content units educate students in the subject area and the Curriculum units explain how to teach the subject area to others.

**Content Units**
- SCC1123 Chemistry for the Life Sciences
- SCI1187 Form and Function in Biology
- SCI1183 Origins and Evolution of Life
- SCPT1134 Foundations of Physics
- SCI2117 Genetics
- SCH1134 Human Structure and Function
- SCH2226 Human Molecular Genetics
- SCI2112 Molecular Biology and Biochemistry
- SCH2235 Applied Microbiology
- CUR4210 Curriculum Enrichment for the Major Secondary Specialisation

<table>
<thead>
<tr>
<th>Curriculum Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCE2101 Secondary Science Education</td>
</tr>
<tr>
<td>SCE2102 Secondary Science Education 2</td>
</tr>
</tbody>
</table>

**Drama Education**
*Availability:* Mount Lawley
A dynamic and practically-based major that prepares students for a highly rewarding career teaching drama in secondary schools. The major combines practice in acting, devising and directing with studies in educational theory and teaching practice. Students receive specialised instruction in performance and teaching from experts who are also theatre practitioners and researchers in their own right. This major is distinctive in its approach to drama/theatre practice and teaching. It emphasises the importance of content/practical knowledge in theatre and offers innovative approaches to directing and acting.

**Careers**
Secondary Drama Teacher.

**Major Structure**
Students are required to complete 9 Content units and 2 Curriculum units. Content units educate students in the subject area and the Curriculum units explain how to teach the subject area to others.

**Design and Technology Education**
*Availability:* Mount Lawley
Prepares students to take on the challenges of teaching a range of Design and Technology subjects across Years 7 to 12. Provides a strong theoretical foundation for the study and practice of design and technology across a variety of media and technologies. The focus of the study will be on the design process, including the practical manipulation of materials and systems designs within the context of contemporary technologies.

**Careers**
Secondary Design and Technology Teacher.

**Major Structure**
Students are required to complete 10 Content units and 2 Curriculum units. Content units educate students in the subject area and the Curriculum units explain how to teach the subject area to others.

**Content Units**
- DTM1104 Materials Design and Technology 1
- DTM1105 Materials Design and Technology 2
- DTM2104 Materials Design and Technology 3
- DTM2105 Materials Design and Technology 4
- DTC3101 Visual Communication and Design 2
- DTM2201 Materials Technology 4
- DTC2101 Visual Communication and Design 1
- DTS3101 Systems Design 1
- DTS3102 Systems Design 2
- CUR4210 Curriculum Enrichment for the Major Secondary Specialisation

<table>
<thead>
<tr>
<th>Curriculum Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTE2110 Design and Technology Education 1</td>
</tr>
<tr>
<td>DTE3110 Design and Technology Education 2</td>
</tr>
</tbody>
</table>
English Education

Availability: Mount Lawley

This major prepares students for a dynamic and rewarding career teaching English and Literature in secondary schools. The major combines study in the content of English (including literature, language, writing, and mass media) with studies in educational theory and teaching practice. It is distinctive in its approach to English teaching, emphasising the importance of sound content knowledge and innovative approaches to texts and technologies. Students receive specialised instruction from expert teachers who are also researchers and authors in the field.

Careers
Secondary English Teacher.

Major Structure
Students are required to complete 10 Content units and 2 Curriculum units. Content units educate students in the subject area and the Curriculum units explain how to teach the subject area to others.

Content Units
- ENG1140 Discovering Literature
- ENG1050 Literature and Social Change
- CUR2210 Curriculum Extension and Enrichment

Select seven units from the following list:
- ENG1060 English Grammar for Professionals
- ENG1233 Myths and Legends from Around the World
- ENG1244 Arthurian Myths and Legends
- ENG2470 Children, Youth and Global Media
- ENG3042 Theory, Taste and Trash
- ENG3050 Poetry and Passion
- ENG3140 From Fiction to Film
- ENG3160 Graphic Novels
- ENG3165 Australian Fiction
- ENG3170 Diverse Voices in Literature
- ENG3175 Jane Austen: Past and Present
- ENG2180 Comedy and Tragedy in Drama
- ENG3214 Freedom to Play and Victorian Children
- ENG3464 Fantasy Literature for Children
- ENG3472 Children and Poetry
- WRT3120 Biographical and Autobiographical Writing

Curriculum Units
- LAN2250 Introduction to Secondary English Teaching
- LAN2251 Planning and Teaching English 7-12

Health and Physical Education

Availability: Joondalup

This major equips students with the skills and knowledge to teach Years 7–12 Health and Physical Education (HPE). It addresses the broader field of HPE and focuses on health and well-being, and movement and physical activity appropriate for contemporary secondary schools.

Careers
Secondary Health and Physical Education Teacher.

Major Structure
Students must complete 9 Content units and 2 Curriculum units. Content units educate students in the subject area and the Curriculum units explain how to teach the subject area to others.

Content Units
- SPS1301 Anatomical and Physiological Basis of Human Movement (previously EBH1101 Human Anatomy)
- HPE2112 Physical Activity, Body, Culture and Identity
- SPS1755 Coaching Science 2 – Soccer/Badminton (previously SPS1220 Performance Studies 2)
- SPS1840 Biomechanics and Skill Acquisition (previously SPS116 Biomechanics and Functional Anatomy)
- SPS2750 Coaching Science 3 – Swimming/Athletics (previously SPS2111 Performance Studies 6)
- PHE4112 Issues in Health Education (replacing SPS3101 Psychology of Sport and Exercise)
- SPS2206 Applied Exercise Physiology and Programming (replacing SPS114 Acquisition of Skill)
- SPS3104 Performance Studies 7 – Hockey/Basketball/Netball
- SPS2622 Psychology of Sport, Exercise and Health (replacing SPS2206 Applied Exercise Physiology and Programming)

Curriculum Units
- HPE2101 Teaching Health and Physical Education 1
- HPE2201 Teaching Health and Physical Education 2
## Home Economics Education
### Availability:
Joondalup

Prepares students to take on the challenges of teaching home economics in a range of subject areas across Years 7 to 12.

Students receive specialised instruction in both the theory and practical components relating to hospitality and food science, family and community studies, and textiles.

### Careers
Secondary Home Economics Teacher.

### Major Structure
Students are required to complete 10 Content units and 2 Curriculum units. Content units educate students in the subject area and Curriculum units explain how to teach the subject area to others.

#### Content Units
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHN1101</td>
<td>Ecology of Children and Families 1</td>
</tr>
<tr>
<td>NUT1121</td>
<td>Human Nutrition</td>
</tr>
<tr>
<td>CSC1175</td>
<td>Textiles and Clothing 1</td>
</tr>
<tr>
<td>NUT1111</td>
<td>Food and Nutrients</td>
</tr>
<tr>
<td>FAS1103</td>
<td>Inquiry for Textiles</td>
</tr>
<tr>
<td>HEE2500</td>
<td>Food Knowledge and Appreciation</td>
</tr>
<tr>
<td>HOS2500</td>
<td>Food Service Management</td>
</tr>
<tr>
<td>CSC3275</td>
<td>Textiles and Clothing 2</td>
</tr>
<tr>
<td>NUT2210</td>
<td>Nutrition in the Life Cycle</td>
</tr>
<tr>
<td>CUR4210</td>
<td>Curriculum Enrichment for the Major Secondary Specialisation</td>
</tr>
</tbody>
</table>

#### Curriculum Units
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEE2312</td>
<td>Home Economics Curriculum 1</td>
</tr>
<tr>
<td>HEE2313</td>
<td>Home Economics Curriculum 2</td>
</tr>
</tbody>
</table>

## Humanities and Social Sciences Education
### Availability:
Mount Lawley

Focuses on teaching processes, content and skills that will equip students to teach social science subjects.

Students aiming to fill specialist social sciences teaching roles in senior secondary (Years 11 and 12) can elect to specialise in Ancient and Modern History, Politics or Economics. Emphasis is given to inquiry-based practical work, demonstrations, independent and co-operative group learning, whole class discussions, and use of information communication technology to ensure effective teaching and learning practices in secondary Humanities and Social Sciences.

Units in this program address key social science understandings and provide the content knowledge, skills and values needed to address the demands and opportunities of Humanities and Social Sciences in secondary schools.

### Careers
Secondary Social Science Teacher.

### Major Structure
Students are required to complete 10 Content units and 2 Curriculum units. Content units educate students in the subject area and Curriculum units explain how to teach the subject area to others.

#### Content Units
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO1150</td>
<td>Geography and Environment: People, Pattern, Process</td>
</tr>
<tr>
<td>ECF1110</td>
<td>Economics I</td>
</tr>
<tr>
<td>POL1104</td>
<td>Foundations of Politics and Government</td>
</tr>
<tr>
<td>CUR4210</td>
<td>Curriculum Enrichment for the Major Secondary Specialisation</td>
</tr>
</tbody>
</table>

Select one unit from the following list:
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS1105</td>
<td>World History</td>
</tr>
<tr>
<td>HIS1106</td>
<td>Themes in Australian History</td>
</tr>
</tbody>
</table>

Select five units from the following list:
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS2122</td>
<td>Aboriginal Perspectives on the Environment</td>
</tr>
<tr>
<td>GEO3123</td>
<td>Physical Geography: Landforms and Landscapes</td>
</tr>
<tr>
<td>HIS3101</td>
<td>Human Rights: Struggles for Global Justice</td>
</tr>
<tr>
<td>HIS3102</td>
<td>War and Peace in the 20th Century</td>
</tr>
<tr>
<td>HIS3103</td>
<td>Drugs, Alcohol and Empire</td>
</tr>
<tr>
<td>HIS3104</td>
<td>Revolutionary Europe 1789-1871</td>
</tr>
<tr>
<td>HIS3105</td>
<td>Criminal Underworlds: Crime and Society Since 1800</td>
</tr>
<tr>
<td>HIS3106</td>
<td>The World’s Most Dangerous Places: Politics and History through Documentary</td>
</tr>
<tr>
<td>HIS3124</td>
<td>The History and Sociology of Genocide</td>
</tr>
<tr>
<td>HIS3127</td>
<td>Ancient Greece and Rome</td>
</tr>
<tr>
<td>POL2103</td>
<td>Terrorism</td>
</tr>
<tr>
<td>POL2130</td>
<td>Themes in Global Politics</td>
</tr>
<tr>
<td>POL3106</td>
<td>Public Policy: Shaping Nations</td>
</tr>
<tr>
<td>POL3109</td>
<td>China: The Rise of a Global Power</td>
</tr>
<tr>
<td>POL3110</td>
<td>Global Politics and the Environment</td>
</tr>
<tr>
<td>POL3124</td>
<td>Hitler and Stalin: Studies in Power, Ideology and Propaganda</td>
</tr>
<tr>
<td>POL2127</td>
<td>Australian Government</td>
</tr>
<tr>
<td>POL3133</td>
<td>Visionaries, Warmongers and Protesters: American Political History Through Film (1950–1975)</td>
</tr>
</tbody>
</table>

### Curriculum Units
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSS2130</td>
<td>Teaching and Learning in Humanities and Social Sciences</td>
</tr>
<tr>
<td>HSS2230</td>
<td>Planning for Senior Secondary Humanities and Social Sciences</td>
</tr>
</tbody>
</table>
**Mathematics Education**

**Availability:** Joondalup

Equips students with the skills and knowledge to teach Years 7 to 12 Mathematics. Emphasis is given to inquiry-based tasks, co-operative group work and whole class discussions, to ensure effective learning and teaching practices in secondary Mathematics.

**Additional Admission Requirements**

All applicants are required to demonstrate satisfactory performance in Mathematics Methods ATAR, with equivalents considered.

It is desirable that all applicants demonstrate satisfactory performance in Mathematics Specialist ATAR, with equivalents considered.

**Careers**

Secondary Mathematics Teacher.

**Major Structure**

Students are required to complete 10 Content units and 2 Curriculum units. Content units educate students in the subject area and the Curriculum units explain how to teach the subject area to others.

**Content Units**

- MAT1137 Introductory Applied Mathematics
- MAT1114 Introductory Statistics
- MAT1184 Problem Solving and Modelling
- MAT1163 Linear Algebra
- MAT1236 Calculus 1
- MAT2110 Applied Statistics
- MAT2438 Optimisation and Networks
- MAT2439 Mathematical Modelling
- MAT3486 Multivariate Calculus
- MAT2440 Time Series Forecasting

Plus complete the following unit in the final semester of study:

- CUR4210 Curriculum Enrichment for the Major Secondary Specialisation

**Curriculum Units**

- MSE2101 Teaching Lower Secondary Mathematics
- MSE2102 Planning and Assessment in Secondary Mathematics

**Music Education**

**Availability:** Mount Lawley

Focuses on classroom music teaching. Students have the option to complete a minor in instrumental music teaching and conducting/ensemble direction, and can also undertake electives in primary and early childhood music teaching.

The major is offered in conjunction with the Western Australian Academy of Performing Arts (WAAPA) and students undertaking this major opt to specialise in either Classical, Jazz or Contemporary music. Under certain circumstances, students may undertake crossover units from other streams.

**Additional Admission Requirements**

All applicants are required to complete a practical test on their chosen instrument, and complete a short aural/theory test.

It is desirable that all applicants have Australian Music Examinations Board (AMEB) Grade V level of performance, with equivalents considered.

**Careers**

Secondary Music Teacher, Kindergarten to year 6 Music Specialist Teacher, Specialist Instrumental Teacher.

**Major Structure**

Content units educate students in the subject area and the Curriculum units explain how to teach the subject area to others.

**Visual Arts Education**

**Availability:** Mount Lawley

Equips students with the skills and knowledge to teach Years 7 to 12 Visual Arts, with an emphasis on visual literacy foundations. Emphasis is also placed upon collaborative teaching processes, whilst acknowledging the importance of individual creative practice.

**Careers**

Visual Arts Teacher.

**Major Structure**

Students are required to complete 10 Content units and 2 Curriculum units. Content units educate students in the subject area and the Curriculum units explain how to teach the subject area to others.

**Content Units**

- AED3210 Ceramics Studio
- VIS1305 Materials and Methods: Approaches to Studio
- VIS2520 Journaling and Drawing
- VIS2120 Painting Studio 1
- VIS2315 Art History: Enduring Traces
- VIS2140 Printmaking Studio 1: Intaglio and Relief
- PHO3120 Reconfigured Images
- CUR4210 Curriculum Enrichment for the Major Secondary Specialisation

Select two units from the following list:

- VIS2130 Spatial Studio
- VIS3120 Painting Studio 2
- VIS3140 Printmaking Studio 2: Photographic Processes
- TDD3210 Glass Design
- DTM2104 Materials Design and Technology 3

**Curriculum Units**

- AED2203 Art Education Foundations
- AED2323 Planning and Teaching Secondary Art Education
Designed to meet the needs of practising primary teachers who wish to have a recognised qualification, as well as the skills and pedagogical understandings to teach in early childhood settings (Birth to Pre-Primary).

Additional Admission Requirements
Three-year or four-year primary teaching qualification, such as a Bachelor of Education (Early Childhood Studies), Bachelor of Education (Primary), or a Graduate Diploma of Education (Primary), with equivalents considered.

Practicum Requirement
Students are required to complete ECE6140 (Investigating Young Children's Holistic Learning and Development) and ECE6160 (Effective Pedagogy and Practice in Early Childhood Contexts).

There are two practicum placements:
- ECE6140: 10 days in a 0-2 years setting; and
- ECE6160: 25 days in a 3-5 years setting, 10 days in a 5-8 years setting and 15 additional days across any of the three age groups.

Professional Recognition
Australian Children's Education & Care Quality Authority (ACECQA) have approved this course.

Non-Standard Timetable
Classes may occur outside of standard school hours, including weekends, and during traditional school-term holidays.

Careers
Kindergarten Teacher, Pre-primary Teacher, Early Childhood Teacher, Pre-school Teacher.

Course Structure
Students are required to complete 4 units.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE6130</td>
<td>Constructing Early Childhood Curriculum</td>
</tr>
<tr>
<td>ECE6140</td>
<td>Investigating Young Children's Holistic Learning and Development</td>
</tr>
<tr>
<td>ECE6150</td>
<td>Contemporary and Comparative Perspectives in Early Childhood Education</td>
</tr>
<tr>
<td>ECE6160</td>
<td>Effective Pedagogy and Practice in Early Childhood Contexts</td>
</tr>
</tbody>
</table>

Provides an opportunity for motivated professionals concerned with educational practice to undertake advanced coursework in a field of particular interest.

The course provides students with knowledge and understandings across a range of specialist areas suited to each student's needs and choices.

Specialisations
- Catholic Education • Early Childhood Education • Leading Education • Learning Difficulties • Literacy Education • Special Education • Teaching English to Speakers of Other Languages

Additional Admission Requirements
Bachelor of Education. Alternatively, applicants can have a Bachelor level degree in any other field, plus a Graduate Diploma of Education or a Master of Teaching, with equivalents considered.

Special entry may be considered for students with a Bachelor level degree in another field, or a three-year trained teacher, both supported by extensive professional experience.

Careers
Principal, Teaching Coordinator, School Leader, School Administrator, Level 3 School Teacher, Lecturer.

Course Structure
Students are required to complete 8 units:
- 4 Core Units
- 4 Specialisation Units

Core Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU6195</td>
<td>Advanced Seminar</td>
</tr>
<tr>
<td>EDU6160</td>
<td>Leading Education in a Global Context</td>
</tr>
<tr>
<td>EDU6170</td>
<td>Assessment in Education: Policies, Pedagogy and Equity</td>
</tr>
<tr>
<td>RES6101</td>
<td>Research Preparation: Methods of Research</td>
</tr>
</tbody>
</table>
SPECIALISATIONS:

**Catholic Education**
**Availability:** Mount Lawley

Provides an opportunity for motivated professionals concerned with evidence-based educational practice to undertake advanced coursework in this area of study.

**Specialisation Structure**
- CED6102 Contemporary Issues in Religious Education
- CED6105 Exploring the Bible
- CED6106 Sacraments Within the Catholic Tradition
- CED6109 Leadership for Catholic Schools

**Early Childhood Education**
**Availability:** Mount Lawley

Provides an opportunity for motivated professionals concerned with evidence-based educational practice to undertake advanced coursework in this area of study.

**Specialisation Structure**
- EPA6170 Leading Early Childhood Pedagogy and Practice (0–8 years)
- EPA6175 Leading Family and Community in the Early Years (0–8 years)
- EPA6172 Contemporary Issues in Early Childhood Education
- EPA6173 Language and Literacy in Early Childhood

Note: This specialisation will not qualify non-ECS teachers to teach in pre-kindergarten, kindergarten and pre-primary settings.

**Leading Education**
**Availability:** Mount Lawley

**Specialisation Structure**
Select four units from the following list:
- EDU6160 Leading Education in a Global Context
- EPA6155 Leading in Challenging Contexts
- EPA6156 Leading for Improvement
- EPA6157 Leading Staff
- EPA6158 Leading Community Engagement
- EPA6170 Leading Early Childhood Pedagogy and Practice (0–8 years)
- EPA6175 Leading Family and Community in the Early Years (0–8 years)

**Learning Difficulties**
**Availability:** Mount Lawley

Provides an opportunity for motivated professionals to extend their knowledge and skills to provide research informed strategies and practices for students who experience difficulties with learning.

**Specialisation Structure**
- EDU6373 Foundation Studies and Current Issues in Special Education
- EDU6584 Strategies for Learning Difficulties
- LAN6124 How Children Learn Literacy: Processes, Development, Difficulties
- MAE6103 How Children Learn Mathematics: Processes, Development, Difficulties

**Literacy Education**
**Availability:** Mount Lawley

Provides an opportunity for motivated professionals concerned with evidence-based educational practice to undertake advanced coursework that will enable them to perform to a high standard in either a classroom, consulting or literacy leadership role.

**Specialisation Structure**
- LAN6000 Teaching, Assessing and Improving Writing
- LAN6001 Teaching Reading: Theory, Comprehension and Skills
- LAN6124 How Children Learn Literacy: Processes, Development, Difficulties

Select one unit from the following list:
- LST6281 Understanding Language
- LST6282 Using Language

**Special Education**
**Availability:** Mount Lawley

Provides an opportunity for motivated professionals to extend their knowledge and skills to provide research informed strategies and practices for students who have diverse abilities.

**Specialisation Structure**
- EDU6373 Foundation Studies and Current Issues in Special Education
- EDU6174 Instructional Design for Special Education
- EDU6477 Direct Instruction and Teaching Effectiveness in Special Education
- EDU6584 Strategies for Learning Difficulties

**Teaching English to Speakers of Other Languages**
**Availability:** Mount Lawley

Provides an opportunity for motivated professionals concerned with evidence-based educational practice to undertake advanced coursework in this area of study.

**Specialisation Structure**
- LAN6271 Teaching ESL Learners
- LAN6172 ESL Teaching Practice
- LST6281 Understanding Language
- LST6282 Using Language
MASTER OF EDUCATION (ADVANCED)

Duration: 2 Years
Availability: Mount Lawley
Intake: February & July
CRICOS Code: 097203J
Annual Indicative Fees: $30,750
See more course information: ecu.edu.au/courses/J89

Provides an opportunity for motivated professionals concerned with educational practice to undertake advanced coursework in fields of particular interest. The course provides students with knowledge and understandings across a range of specialist areas suited to each student’s needs and choices.

The two-year duration makes this course ideal for international students and allows for further development of academic communication skills and the opportunity to graduate with two specialisations.

Specialisations
• Catholic Education • Early Childhood Education • Leading Education • Learning Difficulties • Literacy Education
• Special Education • Teaching English to Speakers of Other Languages

Additional Admission Requirements
Bachelor of Education. Alternatively, applicants can have a Bachelor level degree in any other field, plus a Graduate Diploma of Education or a Master of Teaching. Special entry may be considered for students with a Bachelor level degree in another field, or a three-year trained teacher, both supported by extensive professional experience, with equivalents considered.

Careers
Principal, Teaching Coordinator, School Leader, School Administrator, Level 3 School Teacher, Lecturer.

Course Structure
Students are required to complete 15 units:
• 7 Core Units
• 4 Specialisation (#1) Units
• 4 Specialisation (#2) Units

Core Units
RES6101 Research Preparation: Methods of Research
EDU6195 Advanced Seminar
EDU6160 Leading Education in a Global Context
EDU6170 Assessment in Education: Policies, Pedagogy and Equity
CMM5160 Effective Communication in Professional Contexts
CMM5165 Media and Society in a Globalised World
CMM5180 Public Relations Strategies

SPECIALISATIONS:

Catholic Education
Availability: Mount Lawley
Provides an opportunity for motivated professionals concerned with evidence-based educational practice to undertake advanced coursework in this area of study.

Specialisation Structure
CED6102 Contemporary Issues in Religious Education
CED6105 Exploring the Bible
CED6106 Sacraments Within the Catholic Tradition
CED6109 Leadership for Catholic Schools

Early Childhood Education
Availability: Mount Lawley
Provides an opportunity for motivated professionals concerned with evidence-based educational practice to undertake advanced coursework in this area of study.

Specialisation Structure
EPA6170 Leading Early Childhood Pedagogy and Practice (0-8 years)
EPA6175 Leading Family and Community in the Early Years (0-8 years)
EPA6172 Contemporary Issues in Early Childhood Education
EPA6173 Language and Literacy in Early Childhood

Note: This specialisation will not qualify non-ECS teachers to teach in pre-kindergarten, kindergarten and pre-primary settings.

Leading Education
Availability: Mount Lawley

Specialisation Structure
Select four units from the following list:
EDU6160 Leading Education in a Global Context
EPA6155 Leading in Challenging Contexts
EPA6156 Leading for Improvement
EPA6157 Leading Staff
EPA6158 Leading Community Engagement
EPA6159 Accountable Leadership
EPA6170 Leading Early Childhood Pedagogy and Practice (0-8 years)
EPA6175 Leading Family and Community in the Early Years (0-8 years)
Learning Difficulties
Availability: Mount Lawley
Provides an opportunity for motivated professionals to extend their knowledge and skills to provide research informed strategies and practices for students who experience difficulties with learning.

Specialisation Structure
<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>EDU6373</td>
<td>Foundation Studies and Current Issues in Special Education</td>
</tr>
<tr>
<td>EDU6584</td>
<td>Strategies for Learning Difficulties</td>
</tr>
<tr>
<td>LAN6124</td>
<td>How Children Learn Literacy: Processes, Development, Difficulties</td>
</tr>
<tr>
<td>MAE6103</td>
<td>How Children Learn Mathematics: Processes, Development, Difficulties</td>
</tr>
</tbody>
</table>

Teaching English to Speakers of Other Languages
Availability: Mount Lawley
Provides an opportunity for motivated professionals concerned with evidence-based educational practice to undertake advanced coursework in this area of study.

Specialisation Structure
<table>
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<tr>
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<tbody>
<tr>
<td>LAN6271</td>
<td>Teaching ESL Learners</td>
</tr>
<tr>
<td>LAN6172</td>
<td>ESL Teaching Practice</td>
</tr>
<tr>
<td>LST6281</td>
<td>Understanding Language</td>
</tr>
<tr>
<td>LST6282</td>
<td>Using Language</td>
</tr>
</tbody>
</table>

Literacy Education
Availability: Mount Lawley
Provides an opportunity for motivated professionals concerned with evidence-based educational practice to undertake advanced coursework that will enable them to perform to a high standard in either a classroom, consulting or literacy leadership role.

Specialisation Structure
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAN6000</td>
<td>Teaching, Assessing and Improving Writing</td>
</tr>
<tr>
<td>LAN6001</td>
<td>Teaching Reading: Theory, Comprehension and Skills</td>
</tr>
<tr>
<td>LAN6124</td>
<td>How Children Learn Literacy: Processes, Development, Difficulties</td>
</tr>
</tbody>
</table>

Select one unit from the following list:
- LST6281 Understanding Language
- LST6282 Using Language

Special Education
Availability: Mount Lawley
Provides an opportunity for motivated professionals to extend their knowledge and skills to provide research informed strategies and practices for students who have diverse abilities.

Specialisation Structure
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU6373</td>
<td>Foundation Studies and Current Issues in Special Education</td>
</tr>
<tr>
<td>EDU6174</td>
<td>Instructional Design for Special Education</td>
</tr>
<tr>
<td>EDU6477</td>
<td>Direct Instruction and Teaching Effectiveness in Special Education</td>
</tr>
<tr>
<td>EDU6584</td>
<td>Strategies for Learning Difficulties</td>
</tr>
</tbody>
</table>

MASTER OF EDUCATION BY RESEARCH
Duration: 1.5 Years
Availability: Mount Lawley
Intake: February & July
CRICOS Code: 075286E
Annual Indicative Fees: $30,700
See more course information: ecu.edu.au/courses/J44

Provides an opportunity for those involved in educational practice to undertake advanced coursework and research in a field of particular interest. The course prepares students to inquire into the nature of educational problems and generate new knowledge which can be used to enhance policy and practice. When undertaking research, students are encouraged to become involved in applied research which attempts to provide solutions to the problems faced by learners, teachers, administrators, consultants and policy-makers.

Additional Admission Requirements
Bachelor of Education. Alternatively, applicants can have a Bachelor’s degree in any other field, plus extensive professional experience, or have three years of teacher training, plus extensive professional experience.

Course Structure
Students are required to complete 5 units.

Year 1 – Semester 1
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RES6101</td>
<td>Research Preparation: Methods of Research</td>
</tr>
<tr>
<td>EDU6185</td>
<td>Research Preparation: Reviewing the Literature</td>
</tr>
<tr>
<td>EDU6186</td>
<td>Research Preparation: Developing a Research Topic</td>
</tr>
<tr>
<td>EDU6195</td>
<td>Advanced Seminar</td>
</tr>
</tbody>
</table>

Year 1 – Semester 2 + Year 2 – Semester 1
Students are required to continue to re-enrol in the thesis component of their study until the thesis is submitted for examination: Masters Thesis (EDU6200).
Provides a nationally accredited initial teaching qualification for students who have already obtained a Bachelor's degree or an equivalent qualification in areas other than Education. The Master of Teaching (Early Childhood) is dedicated to producing quality graduates ready to take up employment across the early childhood education sector, including teaching children from birth to 8 years of age.

Dealing specifically with children from birth to 8 years of age, this course focuses on the care and education of children in this age group in partnership with families and communities. This course is built on the principle that students come to the program with strengths from a diverse range of educational and life experiences. Reflective thinking and research, with an emphasis on links from theory to practice is valued. Students develop a deep understanding of the importance of building strong, positive relationships with children, families, communities and colleagues.

Students are taught how to develop, implement and assess socially inclusive curricula where children are valued, respected and productively engaged in learning.

This course accommodates “principles and dimensions” of excellence and is delivered through mutually beneficial partnerships between ECU, and the individual schools and early childhood settings.

Additional Admission Requirements
- Complete the Non-Academic Requirements for Teaching (NART);
- Academic IELTS with an average level of 7.5 or more, across the four components of listening, speaking, reading and writing; no score below level 7.0 in any of these components; and, a score of 8.0 or more in the components of speaking and listening.

Professional Recognition
Australian Children's Education & Care Quality Authority (ACECQA) have accredited this course. Teacher Registration Board of Western Australia (TRBWA) have accredited this course.

Professional Registration
Students will need to graduate to be eligible to register with the Teacher Registration Board of Western Australia (TRBWA). Registration with the Teacher Registration Board of Western Australia (TRBWA) is required to practice in the profession.

Careers
Kindergarten Teacher, Pre-primary Teacher, Early Childhood Teacher, Pre-school Teacher, Junior Primary Teacher, Centre Director.

Course Structure
Students are required to complete 16 units.
- 2 Literacy and Numeracy Test Units
- 14 Core Units
- 2 Practice Units

Test Units

<table>
<thead>
<tr>
<th>Year 1 – Semester 1</th>
<th>Year 2 – Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIT1200 Personal Literacy</td>
<td>ECE6220 Physical Education, Health and Wellbeing for Young Children (Healthy, Active and Safe Children)</td>
</tr>
<tr>
<td>NUM1200 Personal Numeracy</td>
<td>HSS6170 Humanities and Social Sciences Birth to 8 Years</td>
</tr>
<tr>
<td>LAN6120 Language and Literacy Birth to 5 Years</td>
<td>AED6160 Visual Arts and Music Education in Early Childhood</td>
</tr>
<tr>
<td>ECE6130 Constructing Early Childhood Curriculum</td>
<td>ECE6160 Effective Pedagogy and Practice in Early Childhood Contexts</td>
</tr>
<tr>
<td>ECE6140 Investigating Young Children's Holistic Learning and Development</td>
<td>Year 2 – Semester 2</td>
</tr>
<tr>
<td>MSC6110 Mathematics and Technologies for Young Children</td>
<td>EDF6101 Strategies for Teaching Aboriginal and Torres Strait Islander Students</td>
</tr>
<tr>
<td>Year 1 – Semester 2</td>
<td>ECE6150 Contemporary and Comparative Perspectives in Early Childhood Education</td>
</tr>
<tr>
<td>SCE6120 Science for Young Children</td>
<td>AED6150 Dance, Drama and Media Arts Education in Early Childhood</td>
</tr>
<tr>
<td>LAN6130 Early Literacy 5–8 Years</td>
<td>ECE6170 Leading and Managing in Early Childhood Contexts</td>
</tr>
<tr>
<td>ECM6130 Mathematics in the Early Years of School: 5 to 8 Years</td>
<td></td>
</tr>
</tbody>
</table>
Provides a nationally accredited initial teacher education qualification for students who have already obtained a Bachelor’s degree or an equivalent qualification in areas other than Education. The Master of Teaching (Primary) is designed to produce future teachers ready to enter the Primary education profession.

This course is built on the principle that students come to the program with strengths from a diverse range of educational and life experiences.

A distinguishing feature of the course is the opportunity to complete a formal specialisation in the Primary Education qualification. This enables students to obtain a deeper and broader level knowledge and understanding in a particular Learning Area at the graduate level, while maintaining your generalist knowledge.

The range and number of professional practice experiences are a key feature of the course. This ensures students can make the essential connection between theory and practice whilst building both professional and generic skills in real teaching environments.

Partnerships between the University and over 1,000 schools and early childhood settings allow pre-service teachers to gain experience in diverse settings including public, metropolitan, rural, regional and remote schools, allowing them to work with children from differing economic, social, ethnic and educational backgrounds.

Successful completion of the course presents graduates with the opportunity to gain employment as teachers equipped with the knowledge and skills to make a positive difference to the lives of young people.

Specialisations
- Arts
- Catholic Studies
- English
- Health and Physical Education
- Humanities and Social Sciences
- Mathematics
- Science
- Special Education

Additional Admission Requirements
- Have completed at least one year of full-time equivalent study relevant to one or more learning areas of the primary school curriculum. Entrants to graduate entry programs must have a discipline-specific bachelor or equivalent qualification relevant to the Australian Curriculum or other recognised areas of schooling provision;
- Complete the Non-Academic Requirements for Teaching (NART);
- Academic IELTS with an average level of 7.5 or more, across the four components of listening, speaking, reading and writing; no score below level 7.0 in any of these components; and, a score of 8.0 or more in the components of speaking and listening.
Year 2 – Trimester 1
EDF6101 Strategies for Teaching Aboriginal and Torres Strait Islander Students
CUR6020 Programming and Assessment in Numeracy
SCE6103 Primary Science Education
CUR6010 Programming and Assessment in Literacy

Year 2 – Trimester 2
WLP6305 Third Professional Practice

Year 2 – Trimester 3
EDU6260 Transition to Teaching

As well as complete one of the following options:

Option 1: Professional Learning – Research Mode
RES6101 Research Preparation: Methods of Research
EDU6195 Advanced Seminar

Option 2: Professional Learning – Internship Mode
EDU6227 Internship

Option 3: Professional Learning – Graduate Certificate Mode
In consultation with the course coordinator, students may select two Graduate Certificate of Education units totalling 30 credit points.

Option 4: Professional Learning – Specialisation Mode
Students may select one specialisation.

SPECIALISATIONS:

Arts
Availability: Mount Lawley
Provides an opportunity for students to develop skills and pedagogical strategies in the general arts. Students will build on the practical arts knowledge gained in the core arts units and develop further understandings and skills in drama, music and visual arts. The Arts form an important and integral part of primary education and participation in the Arts fosters safe, creative, motivating and inclusive learning environments. Particular focus is given to developing additional depth of understanding of expert content knowledge, pedagogical content knowledge and highly effective classroom teaching in The Arts.

Careers
Primary Teacher.

Specialisation Structure
AED6270 Visual Arts in Education
AED6271 Music Arts in Education
AED6272 Drama Arts in Education

Catholic Studies
Availability: Mount Lawley (some units may be available at the Joondalup Campus)
Satisfies the Study Component of Accreditation to Teach/Teach Religious Education in a Catholic School. The units cover a range of topics related to Catholic theology, culture of Catholic schools and the teaching of religious education. Please note that only baptised Catholics can teach religious education in Catholic schools.

Careers
Primary Teacher.

Specialisation Structure
CED6710 Catholic Education in Western Australia
CED6711 Catholic Studies: Religious Education
CED6712 Catholic Studies Creed and Sacraments

English
Availability: Mount Lawley (some units may be available at the Joondalup Campus)
Provides an opportunity for students to develop their knowledge, understandings and skills to teach English in the primary years. This specialisation highlights the centrality of English to all learning areas and the importance of English in the Australian Curriculum. The specialisation units build on understandings developed in core units and deepen students’ knowledge about teaching reading, writing and children's literature in classroom contexts.

Where possible, these units provide opportunities for students to develop their capacity as teachers of literacy by working with children in school contexts.

Particular focus is given to developing additional depth of understanding of expert content knowledge, pedagogical content knowledge and highly effective classroom teaching in English.

Careers
Primary Teacher.

Specialisation Structure
Select three units from the following list:
LAN6218 Literacy Coaching in Middle and Upper Primary
LAN6228 Literacy Coaching in Junior Primary
LAN6230 Teaching Reading in the Primary Classroom
LAN6270 Teaching Writing in the Primary Years
LIT6260 Children’s Literature in the Classroom
Health and Physical Education

Availability: Joondalup (some units may be available at the Mount Lawley Campus)

Provides students with the opportunity to further develop their knowledge, understanding and skills to teach Health and Physical Education. It highlights the importance of Health and Physical Education in the Australian Curriculum and its influence on the learning, development, health and well-being of children.

The specialisation units examine contemporary issues, trends and learning activities in Health and Physical Education within varied contexts. Special emphasis is placed on strategies for greater pupil involvement in the learning process and the development of cross curricular skills.

Particular focus is given to developing additional depth of understanding of expert content knowledge, pedagogical content knowledge and highly effective classroom teaching in Health and Physical Education.

Careers
Primary Teacher.

Specialisation Structure

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHE6304</td>
<td>Advanced Studies of Teaching Physical Education</td>
</tr>
<tr>
<td>FMS6020</td>
<td>Fundamental Movement Skills and Games Education</td>
</tr>
<tr>
<td>HPE6020</td>
<td>Teaching Health Education</td>
</tr>
</tbody>
</table>

Mathematics

Availability: Joondalup (some units may be available at the Mount Lawley Campus)

Builds on previous learning by broadening students understanding of diagnostic assessment and intervention techniques in Mathematics. Students will explore research-informed strategies for the teaching, learning and assessment of Mathematics that cater for the diverse range of student abilities and learning needs at the primary school level.

Particular focus is given to developing additional depth of understanding of expert content knowledge, pedagogical content knowledge and highly effective classroom teaching in Mathematics.

Careers
Primary Teacher.

Specialisation Structure

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAE6270</td>
<td>Diagnosis and Intervention</td>
</tr>
<tr>
<td>MAE6275</td>
<td>Mathematics Clinic</td>
</tr>
<tr>
<td>MAE6280</td>
<td>Mathematics Extension and Challenge</td>
</tr>
</tbody>
</table>

Humanities and Social Sciences

Availability: Mount Lawley (some units may be available at the Joondalup Campus)

Provides in-depth studies in the areas of History, Geography, and Civics and Citizenship for those wishing to specialise in this critical and evolving area of the curriculum. The units build on previous learning, further expanding students’ knowledge and thinking to do with history and geography, sustainability and values education. Additionally, these units focus on the development of whole school, integrated approaches to Humanities and Social Sciences, which engage school communities and lead to social action through inquiry. Particular focus is given to developing additional depth of understanding of expert content knowledge, pedagogical content knowledge and highly effective classroom teaching in Humanities and Social Sciences.

Careers
Primary Teacher.

Specialisation Structure

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSS6270</td>
<td>History and Social Sciences in Primary Schools</td>
</tr>
<tr>
<td>HSS6275</td>
<td>Geography and Social Sciences in Primary Schools</td>
</tr>
<tr>
<td>HSS6280</td>
<td>Civics and Citizenship and Global Education</td>
</tr>
</tbody>
</table>

Science

Availability: Joondalup (some units may be available at the Mount Lawley Campus)

Builds on previous learning and explores the role of the Science learning area as the centre of an integrated teaching approach. While developing capacity to provide leadership in Science teaching, students will plan, facilitate, and evaluate children's use of scientific knowledge and inquiry skills.

Students will also have the opportunity to develop an inquiry project focused on Science, Technology, Engineering and Mathematics (STEM) education in primary schools.

Particular focus is given to developing additional depth of understanding of expert content knowledge, pedagogical content knowledge and highly effective classroom teaching in Science.

Careers
Primary Teacher.

Specialisation Structure

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCE6270</td>
<td>Teaching Integrated Science in Junior Primary Years</td>
</tr>
<tr>
<td>SCE6275</td>
<td>Teaching Integrated Science in Middle and Upper Primary School</td>
</tr>
<tr>
<td>SCE6280</td>
<td>STEM Project in Primary Education</td>
</tr>
</tbody>
</table>
Special Education

Availability: Mount Lawley (some units may be available at the Joondalup Campus)

Equips students with the skills and knowledge needed to teach children with diverse abilities in inclusive settings as well children in Special Education Schools and Centres. This specialisation equips students with the skills and knowledge needed to teach children with diverse abilities in inclusive settings as well children in Special Education Schools and Centres.

Careers

Primary Teacher.

Specialisation Structure

Students must select a minimum of 30 credit points from the following units:

- EDU6220 Programs and Curricula for Students with High Support Needs
- EDU6271 Managing the Behaviour of Students with Special Educational Needs
- EDU6584 Strategies for Learning Difficulties
- EDU6477 Direct Instruction and Teaching Effectiveness in Special Education

Upon completion, graduates are eligible to teach in a major and minor area of study in secondary schools in both the private and government sector. Graduates will have met the highest standards in personal ethics and practice which the profession demands.

Specialisations

- Art Education
- Catholic Education
- Computing Education
- Dance Education
- Design and Technology Education
- Drama Education
- English Education
- Health Education
- Health and Physical Education
- Home Economics Education
- Humanities and Social Sciences Education
- Instrumental Music Education
- Languages Other Than English (LOTE)
- Mathematics Education
- Media Education
- Music Education
- Science Education
- Teaching English to Speakers of Other Languages

Additional Admission Requirements

- Demonstrate advanced skills and knowledge in a particular discipline to enrol in a major area of specialisation (e.g. a Major in their Bachelor’s degree) and intermediate skills to enrol in a minor area of specialisation (e.g. a Minor in their Bachelor’s degree);
- Provide a résumé;
- Complete the Non-Academic Requirements for Teaching (NART);
- One or more of the specialisations in this course has admission requirements; refer to the specialisation for more information;
- Academic IELTS with an average level of 7.5 or more, across the four components of listening, speaking, reading and writing; no score below level 7.0 in any of these components; and, a score of 8.0 or more in the components of speaking and listening.

MASTER OF TEACHING (SECONDARY)

Duration: 2 Years

Availability: Joondalup, Mount Lawley & South West (Bunbury)

Not all specialisations are available at every campus.

Intake: February

CRICOS Code: 098288B

Annual Indicative Fees: $30,700

See more course information: ecu.edu.au/courses/i91

Provides a nationally accredited initial teaching qualification for students who have already obtained a Bachelor’s degree or an equivalent qualification in areas other than Education. The Master of Teaching (Secondary) is a dynamic course dedicated to preparing future teachers for Secondary Education.

Designed specifically to develop professional knowledge in both theory and essential practice within real classrooms, graduates are provided with all the necessary tools to become successful and confident teachers.

This coursework program accommodates “principles and dimensions” of excellence and is delivered through mutually beneficial partnerships between the University and individual schools.
Professional Recognition
Teacher Registration Board of Western Australia (TRBWA) have accredited this course.

Careers
Secondary Teacher, Art Teacher, Computing Teacher, Dance Teacher, Design and Technology Teacher, Drama Teacher, English Teacher, Health and Physical Education Teacher, Home Economics Teacher.

Course Structure
Students are required to complete 19 or 20 units, depending on option chosen in last semester.

- 2 Literacy and Numeracy Test Units
- 13 Core Units
- 3 Professional Practice Units
- 1 or 2 Last Semester Units

This course includes a range of specialisations. Students must select two of these specialisations, one being a major study and the other a minor study. Students should select their major and minor areas of study (specialisations) based on their previous undergraduate studies.

At the undergraduate level, study undertaken for a major study will be equivalent to a total of three quarters of a year of successful full-time higher education study taken over three years.

Study undertaken for a minor study will be equivalent to a total of half a year of successful full-time higher education study, usually comprising sequential discipline study taken over two years.

The Catholic Education, Health Studies and Teaching English to Speakers of Other Languages (TESOL) specialisations are only available as areas of minor study. The Instrumental Music specialisation is only available as a minor area of study, and may only be undertaken by students who are completing the Music specialisation as their major area of study.

Test Units

<table>
<thead>
<tr>
<th>Test Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIT1200</td>
<td>Personal Literacy</td>
</tr>
<tr>
<td>NUM1200</td>
<td>Personal Numeracy</td>
</tr>
</tbody>
</table>

Year 1 – Semester 1

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU6230</td>
<td>Classroom Management and Instruction</td>
</tr>
<tr>
<td>EDU6231</td>
<td>Learning and Teaching: From Theory to Practice</td>
</tr>
<tr>
<td>Specialisation</td>
<td>1 x Major Area of Specialisation Unit</td>
</tr>
<tr>
<td>Specialisation</td>
<td>1 x Minor Area of Specialisation Unit</td>
</tr>
<tr>
<td>EDU6231</td>
<td>First Professional Practice</td>
</tr>
</tbody>
</table>

Year 1 – Semester 2

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU6332</td>
<td>Diversity and Inclusion: The Differentiated Classroom</td>
</tr>
<tr>
<td>EDU6333</td>
<td>Assessment and Reporting in Teaching</td>
</tr>
<tr>
<td>Specialisation</td>
<td>1 x Major Area of Specialisation Unit</td>
</tr>
<tr>
<td>Specialisation</td>
<td>1 x Minor Area of Specialisation Unit</td>
</tr>
<tr>
<td>EDU6333</td>
<td>Second Professional Practice</td>
</tr>
</tbody>
</table>

Year 2 – Semester 1

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF6101</td>
<td>Strategies for Teaching Aboriginal and Torres Strait Islander Students</td>
</tr>
<tr>
<td>CUR6210</td>
<td>Curriculum Enrichment for the Major Secondary Specialisation</td>
</tr>
<tr>
<td>EDU6120</td>
<td>Literacy and Numeracy in Teaching and Learning</td>
</tr>
<tr>
<td>EDU6584</td>
<td>Strategies for Learning Difficulties</td>
</tr>
</tbody>
</table>

Year 2 – Semester 2

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU6222</td>
<td>Professional Learning: Pedagogy, Content and Technology</td>
</tr>
<tr>
<td>EDU6222</td>
<td>Final Professional Practice</td>
</tr>
</tbody>
</table>

In addition, students must choose one of the following three options:

Option 1: Professional Learning – Research Mode

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU6172</td>
<td>Inquiry Based Practice</td>
</tr>
<tr>
<td>EDU6195</td>
<td>Advanced Seminar</td>
</tr>
</tbody>
</table>

Option 2: Professional Learning – Internship Mode

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPL6157</td>
<td>School-based Professional Learning: Internship</td>
</tr>
</tbody>
</table>

Option 3: Professional Learning – Graduate Certificate Mode

In consultation with the Course Coordinator, students may select two Graduate Certificate of Education units.

SPECIALISATIONS:

Art Education

Availability: Mount Lawley

Emphasis is placed on visual literacy, visual culture and collaborative pedagogies, whilst acknowledging the importance of individual creative practice. The specialisation covers school curricula, teaching strategies, and the development and assessment of teaching programmes.

Additional Admission Requirements

All applicants are required to complete a major in visual arts (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) including all of the following: practical studies in 2 and 3 and/or 4 dimensional art forms, art theory/history (a minimum of one year), and studio art making practice (a minimum of one year). The study of visual arts must be developed as a discrete discipline. Vocationally oriented courses are not recognised as equivalent. Alternatively, applicants can complete at least two years (4 units) of degree level study in visual arts with at least two units at level 2 or above in the previously mentioned areas, if they intend to undertake this specialisation as their minor area of study.

Careers

Teacher, Visual Arts Teacher.

Specialisation Structure

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AED6711</td>
<td>Art Education Foundations</td>
</tr>
<tr>
<td>AED6712</td>
<td>Secondary Art Education</td>
</tr>
</tbody>
</table>
**Teacher Education**

**Postgraduate**

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**Catholic Education**

**Availability:** Mount Lawley & South West (Bunbury)

 Prepares students to teach in the religious education learning area in Catholic secondary schools. This specialisation covers some of the content, teaching and learning and assessment strategies, and the development and evaluation of the Religious Education Curriculum that is used in Catholic schools in Western Australia.

**Additional Admission Requirements**

Have a Catholic background and an interest in teaching Religious Education in a Catholic School.

**Careers**

Teacher, Catholic Education Teacher.

**Specialisation Structure**

- CED6711 Catholic Studies: Religious Education
- CED6712 Catholic Studies Creed and Sacraments

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**Computing Education**

**Availability:** Mount Lawley

Designed for students wishing to become secondary computing education teachers. It includes study in computer programming, authoring World Wide Web pages, developing digital media products, and techniques for written, oral and visual communication in educational and technical settings.

The units cover school curricula, computer applications, teaching strategies, and the development and assessment of teaching programs.

**Additional Admission Requirements**

All applicants are required to complete a major in computing or computing technology (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) including all of the following: history and analysis of dance, performance, with a technique base in modern/contemporary dance and ballet, applied anatomy and kinesiology, and composition/choreography. Dance studies must be developed as a discrete discipline. Vocationally oriented courses are not recognised as equivalent. Alternatively, applicants can complete at least two years (4 units) of degree level study in dance with at least two units at level 2 or above in the previously mentioned areas, if they intend to undertake this specialisation as their minor area of study.

**Careers**

Teacher, Computing Education Teacher.

**Specialisation Structure**

- CSE6711 Computer Education Foundations
- CSE6712 Secondary Computer Education

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**Dance Education**

**Availability:** Mount Lawley

Designed for students wishing to become secondary Dance teachers. Through lectures and practical workshop sessions focusing upon dance styles and technique, students learn how to teach this content effectively as well as learn about the issues and challenges facing dance in secondary schools.

The units cover school curricula, teaching strategies and the development and assessment of teaching programmes.

**Additional Admission Requirements**

All applicants are required to complete a major in dance (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) including all of the following: history and analysis of dance, performance, with a technique base in modern/contemporary dance and ballet, applied anatomy and kinesiology, and composition/choreography. Dance studies must be developed as a discrete discipline. Vocationally oriented courses are not recognised as equivalent. Alternatively, applicants can complete at least two years (4 units) of degree level study in dance with at least two units at level 2 or above in the previously mentioned areas, if they intend to undertake this specialisation as their minor area of study.

**Careers**

Teacher, Dance Teacher.

**Specialisation Structure**

- DAE6711 Dance Education Foundations
- DAE6712 Secondary Dance Education
### Design and Technology Education

**Availability:** Mount Lawley

Designed for students wishing to become secondary Design and Technology teachers. Design & Technology teachers at a secondary school must be knowledgeable in a wide range of workshop areas including woodworking and metalwork. The focus of the specialisation is on materials and systems designs within the context of contemporary technologies, and it covers content, teaching and learning, and assessment strategies, as well as the development and evaluation of teaching programs.

**Additional Admission Requirements**

All applicants are required to complete a major in design or design related study (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) in areas such as architecture, graphic design, industrial design, interior design, landscape design, product design, must include at least two units of practical application in designing and producing in engineering, industrial technology (wood, metals, plastics), textile technology with workshop experience. Alternatively, applicants can complete at least two years (4 units) of degree level studies in design or design related study with at least two units at level 2 or above in the previously mentioned areas, including two units of practical application, if they intend to undertake this specialisation as their minor area of study.

**Careers**

Teacher, Design & Technology Teacher.

**Specialisation Structure**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>DTE6711</td>
<td>Design and Technology Education Foundations</td>
</tr>
<tr>
<td>DTE6712</td>
<td>Secondary Design and Technology Education</td>
</tr>
</tbody>
</table>

### Drama Education

**Availability:** Mount Lawley

Designed for students wishing to become secondary Drama teachers. Through lectures and practical workshop sessions that focus upon drama styles and technique, students learn how to teach this content effectively, as well as learn about the issues and challenges facing drama in secondary schools.

The units cover school curricula, teaching strategies and the development and assessment of teaching programs.

**Additional Admission Requirements**

All applicants are required to complete a major in drama (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) including all of the following: performance, production, theory, and preferably Australian drama. Drama studies must be developed as a discrete discipline. Vocationally oriented courses are not recognised as equivalent. Alternatively, applicants can complete at least two years (4 units) of degree level study in drama with at least two units at level 2 or above in the previously mentioned areas, if they intend to undertake this specialisation as their minor area of study.

**Careers**

Teacher, Drama Teacher.

**Specialisation Structure**

<table>
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<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>DSE6711</td>
<td>Drama Education Foundations</td>
</tr>
<tr>
<td>DSE6712</td>
<td>Secondary Drama Education</td>
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</tbody>
</table>

### English Education

**Availability:** Mount Lawley & South West (Bunbury)

Contains units designed to emphasise the importance of content knowledge in English and cover a wide range of text areas, from traditional literature to computer games. The specialisation content is closely aligned to the Australian Curriculum and to WACE syllabus and examination requirements. The units cover school curricula, teaching strategies and the development and assessment of teaching programs.

Students should note that this is not a specialisation in English language instruction, it is a preparation to teach English Literature and English textual studies.

**Additional Admission Requirements**

All applicants are required to complete a major in English or an equivalent language arts degree (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) with at least 3 units of a strong core of textual studies including literature. Alternatively, applicants can complete at least two years (4 units) of degree level study in English with at least two units at level 2 or above in the previously mentioned areas, if they intend to undertake this specialisation as their minor area of study.

**Careers**

Teacher, English Teacher.

**Specialisation Structure**

<table>
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<th>Title</th>
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<tr>
<td>LAN6711</td>
<td>English Education Foundations</td>
</tr>
<tr>
<td>LAN6712</td>
<td>Secondary English Education</td>
</tr>
</tbody>
</table>

### Health Education

**Availability:** Joondalup & South West (Bunbury)

Designed for students wishing to teach health in the lower secondary school setting. The units in this specialisation cover school curricula, teaching strategies and the development and assessment of teaching programs.

**Additional Admission Requirements**

All applicants are required to complete at least two years (four units) of degree level study in personal development and/or health studies and/or physical education with at least two units at level 2 or above with at least two units of study in health related areas such as mental health, sexual health, relationships, drug education, child protection education, gender studies and risk taking behaviour.

**Careers**

Teacher, Health Education Teacher.

**Specialisation Structure**

<table>
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<tr>
<th>Code</th>
<th>Title</th>
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<tr>
<td>PHE6713</td>
<td>Specialised Health Studies Foundations</td>
</tr>
<tr>
<td>PHE6714</td>
<td>Specialised Secondary Health Studies</td>
</tr>
</tbody>
</table>
Health and Physical Education

Availability: Joondalup & South West (Bunbury)

Designed for students wishing to become secondary Physical and Health Education teachers. The units in this specialisation cover school curricula, teaching strategies and the development and assessment of teaching programs.

Additional Admission Requirements

All applicants are required to complete a major (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) in Sports Science with at least three units of study in performance studies including contemporary physical activities, dance, gymnastics, games and sport. Vocationally oriented courses, coaching certificates, umpiring/refereeing accreditation in sports and physical activities are not recognised as equivalent. Alternatively, applicants can complete at least two years (4 units) of degree level study in sports science with at least two units at level 2 or above in the previously mentioned areas, if they intend to undertake this specialisation as their minor area of study.

Careers

Teacher, Health and Physical Education Teacher.

Specialisation Structure

- PHE6711 Health and Physical Education Foundations
- PHE6712 Secondary Health and Physical Education

Home Economics Education

Availability: Joondalup

Prepares students to take on the challenges of teaching home economics in a range of subject areas across Years 7 to 12. Students receive specialised instruction in both the theory and practical aspects relating to food science and technology, hospitality, textiles, and family and community studies.

The specialisation content is closely aligned to the requirements of the Australian Curriculum and to WACE syllabus and examination requirements, and covers school curricula, teaching strategies and the development and assessment of teaching programs.

Additional Admission Requirements

All applicants are required to complete a major (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) including theoretical studies and practical applications in food preparation, technology and science, as well as hospitality, clothing and textiles and family studies. Alternatively, applicants can complete at least two years (4 units) of degree level study with at least two units at level 2 or above in the previously mentioned areas, if they intend to undertake this specialisation as their minor area of study.

Careers

Teacher, Home Economics Teacher.

Specialisation Structure

- HEE6711 Home Economics Education Foundations
- HEE6712 Secondary Home Economics Education

Humanities and Social Sciences Education

Availability: Mount Lawley & South West (Bunbury)

Designed for students wishing to become Humanities and Social Science teachers in secondary schools. Humanities and Social Science teachers must be knowledgeable in a wide range of areas including history, geography, economics and civics.

The specialisation content is closely aligned to the requirements of the Australian Curriculum and to WACE syllabus and examination requirements. The units cover school curricula, teaching strategies and the development and assessment of teaching programs.

Additional Admission Requirements

Have completed a major in one of the specialist humanities areas: Economics/Business, Geography, History or Politics/Law (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) together with a part in another area of study: Anthropology, Cultural Studies, Environmental studies, Geography, History, Indigenous Studies, Legal Studies, Politics, Economics, with equivalents considered. Alternatively, applicants can complete at least two years (4 units) of degree level studies in a combination of Economics, History or Geography with two units at level 2 or above, if they intend to undertake this specialisation as their minor area of study.

Careers

Teacher, Humanities and Social Sciences Teacher.

Specialisation Structure

- HSS6711 Humanities and Social Sciences Education Foundations
- HSS6712 Secondary Humanities and Social Sciences Education
Instrumental Music Education

**Availability:** Mount Lawley

The specialisation is designed for students who wish to teach instruments in music in individual or group settings, and direct large scale school music ensembles. Within the instrumental component, instrumental teaching pedagogies are examined, including metacognition and modelling as teaching constructs, along with the role of repertoire selection, student motivation, and administrative and legal responsibilities.

The ensembles component explores rationales for ensemble programs while developing basic conducting skills, repertoire knowledge, aural awareness and director/student relationships. The ensemble component is delivered in a practical, ensemble-based setting.

**Additional Admission Requirements**

It is desirable that all applicants have some experience either singing or playing an instrument, and have, at minimum, basic music reading skills. Units in an undergraduate course would be beneficial. This is a specialisation for those wishing to teach individual students (i.e. not in a class or group setting).

**Careers**
Teacher, Music Teacher, Instrumental Music Teacher.

**Specialisation Structure**

- MUE6205 Instrumental Music Education Foundations
- MUE6305 Secondary Instrumental Music Education

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Mathematics Education

**Availability:** Joondalup & South West (Bunbury)

Designed for students wishing to become effective secondary mathematics teachers from Years 7 to 12. It covers school curricula, teaching strategies and the development and assessment of teaching programs.

Students will be able to plan a variety of mathematics lessons, assessments and activities, with a pedagogical focus on developing an appreciation of mathematics as a useful and creatively interesting area of study.

**Additional Admission Requirements**

All applicants are required to complete a major in pure or applied mathematics (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) (must include algebra and calculus). One unit only of statistics may be counted provided it is studied as a stand-alone unit. Alternatively, applicants can complete at least two years (4 units) of degree level study in pure or applied mathematics with at least two units at level 2 or above in the previously mentioned areas, if they intend to undertake this specialisation as their minor area of study.

**Careers**
Teachers, Maths Teacher, Mathematics Teacher.

**Specialisation Structure**

- MSE6711 Mathematics Education Foundations
- MSE6712 Secondary Mathematics Education

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Languages Other Than English (LOTE)

**Availability:** Mount Lawley

Designed for students wishing to become secondary Languages Other Than English (LOTE) teachers.

The content covers school curricula, teaching strategies and the development and assessment of teaching programs.

**Additional Admission Requirements**

All applicants are required to complete a major in a language (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) including study of the spoken and written language.

**Careers**
Teacher, Languages Other Than English Teacher, LOTE Teacher.

**Specialisation Structure**

- LAN6741 Languages Other Than English Education Foundations
- LAN6742 Secondary Languages Other Than English Education
Media Education

Availability: Mount Lawley

Prepares students to teach Media Studies in secondary schools. The specialisation covers school curricula, teaching strategies, and the development and assessment of teaching programs.

Additional Admission Requirements
All applicants are required to complete a major (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) in Communications or Media Studies with production and digital editing experience in film and/or television essential. Photography and/or digital design are desirable. Alternatively, applicants can complete at least two years (4 units) of degree level study in Communications or Media Studies with at least two units at level 2 or above in the previously mentioned areas, if they intend to undertake this specialisation as their minor area of study.

Careers
Teacher, Media Teacher.

Specialisation Structure
- LAN6731 Media Education Foundations
- LAN6732 Secondary Media Education

Music Education

Availability: Mount Lawley

Focuses on classroom music teaching, with a heavy emphasis on teaching lower school music. The specialisation is open to students with either classical, jazz or contemporary music backgrounds. The units cover philosophies of music education, practical approaches to music teaching, including active listening, creative and systems-based composing and classroom ensembles, and lesson planning and sequencing. Units are practically-based and cover a wide variety of musical genres and styles.

In addition, units dissect the WACE music courses of study, authentic assessment in music education, approaches to set works teaching, and extra musical responsibilities such as camps, tours and administration.

Additional Admission Requirements
All applicants are required to complete a major in music (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level) including all of the following: musicological study (music history and analysis) in a range of musical styles, periods and genres with a strong component of contemporary and western art music, compositional techniques, music performance studies (a minimum of two years of music performance studies) and preferably Australian music. The study of music and music practice must be developed as a discrete discipline. Vocational courses are not recognised as equal. Alternatively, applicants can complete at least two years (4 units) of degree level study in music with at least two units at level 2 or above in the previously mentioned areas, if they intend to undertake this specialisation as their minor area of study.

Careers
Teacher, Music Teacher.

Specialisation Structure
- MUE6711 Music Education Foundations
- MUE6712 Secondary Music Education
Science Education

**Availability:** Joondalup & South West (Bunbury)

Designed for students wishing to become secondary science teachers. Science teachers at a secondary school level must be knowledgeable in a wide range of sciences including physics, chemistry and biology. The specialisation content is closely aligned to the requirements of the new Australian Curriculum and to WACE syllabus and examination requirements. The units cover school curricula, teaching strategies, and the development and assessment of teaching programs.

**Additional Admission Requirements**

All applicants are required to complete a major in science (three years of degree level study comprising at least 6 units with no more than two at first-year level and no fewer than two units at third-year level). This should include theoretical units from the disciplines of biology, chemistry, astronomy, physics and earth and environmental science. Alternatively, applicants can complete at least two years (4 units) of degree level study in science with at least two units at level 2 or above in the previously mentioned areas, if they intend to undertake this specialisation as their minor area of study.

**Careers**

Teacher, Science Teacher.

**Specialisation Structure**

- SCE6711 Science Education Foundations
- SCE6712 Secondary Science Education

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Teaching English to Speakers of Other Languages

**Availability:** Mount Lawley

Designed for students wishing to teach Teaching English to Speakers of Other Languages (TESOL) in the lower secondary school setting. The units in this specialisation cover school curricula, teaching strategies and the development and assessment of teaching programs.

**Additional Admission Requirements**

All applicants are required to complete at least two years (four units) of degree level study in linguistics, languages or English studies. A strong academic record in humanities based units and/or experience outside of language/English studies would also be considered.

**Careers**

Teacher, TESOL Teacher, Teaching English to Speakers of Other Languages Teacher.

**Specialisation Structure**

- LAN6751 TESOL Education Foundations
- LAN6752 Secondary TESOL Education

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**DOCTOR OF PHILOSOPHY**

We also offer a PhD and PhD Integrated in the field of teacher education. For more details, please see pages 224–225.
The Western Australian Academy of Performing Arts (WAAPA) at ECU is one of the world’s leading performing arts academies.

WAAPA is recognised nationally and internationally for the quality of its graduates. It provides the most comprehensive range of performing arts training in Australia – both on stage and behind the scenes. Entry into each course is competitive, and prospective students undertake an audition and/or an interview as part of the application process.

**CAREERS:**
- Actor
- Artist
- Arts Marketing Manager
- Choreographer
- Chorister
- Company Manager
- Composer
- Dancer
- Designer for Stage/Screen
- Director
- Dramaturg
- Entertainer
- Musician
- Performance Artist
- Performer
- Playwright
- Producer
- Production Manager
- Singer
- Soloist
- Songwriter
Being a mature, international student, I’ve felt welcome from day one.

My study experience thus far has only been amazing! One of the things that impresses me the most is the fact that ECU is really committed, being involved in both your study experience as well as your personal well-being. They offer assistance in both and I definitely feel they care about every individual student. The lecturers are the best in my field of study and are engaged with students. Being a mature, international student, I’ve felt welcome from day one.

My greatest achievement so far is definitely being accepted to study at WAAPA. I have worked as front-of-house staff for several student productions and volunteered at a few art events. This is an excellent way of getting in contact with organisations and individuals working in the industry. By the time I graduate, I’ll have already acquired valuable experience in the field.

MANDY RAUCH
WAAPA Arts Management student
South Africa
Undergraduate

**Bachelor of Arts (Acting)**

- **Duration**: 3 Years
- **Availability**: Mount Lawley
- **Intake**: February
- **CRICOS Code**: 078476G
- **Annual Indicative Fees**: $31,950

See more course information: [ecu.edu.au/courses/Y93](http://ecu.edu.au/courses/Y93)

Produces graduates who are fully-equipped to enter the theatre and screen industry, and focuses on the development of knowledge and skills in the performing arts, with particular emphasis on specialist areas pertinent to acting.

Provides a practical and theoretical approach to acting in theatre, film, television and other contemporary performance contexts. Subjects available to be studied include: Acting, Movement, Dance, Music, Voice, Performance History, Critical Analysis, Professional Practice, Screen Studies and Screen Acting.

**Additional Admission Requirements**

Attend an audition. Entry into this course is talent-based, and prospective students will be comprehensively assessed through an audition process which is held in November–December each year. Australia-wide auditions are conducted in Perth, Adelaide, Melbourne, Sydney and Brisbane. Overseas students are assessed by auditions sent electronically.

The audition includes a thorough assessment of inherent and trainable ability, the ability to meet the technical requirements of the course and suitability for the industry.

**Careers**

Actor, Entertainer, Performer.

**Course Structure**

Students are required to complete 23 units.

Visit [ecu.edu.au/courses/Y93](http://ecu.edu.au/courses/Y93) for more details.

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**Bachelor of Arts (Arts Management)**

- **Duration**: 3 Years
- **Availability**: Mount Lawley
- **Intake**: February
- **CRICOS Code**: 073510G
- **Annual Indicative Fees**: $31,300

See more course information: [ecu.edu.au/courses/Y20](http://ecu.edu.au/courses/Y20)

Provides a foundation in business theory and practice for the arts industry. The program is specifically industry-focused and designed to give students the knowledge and skills to work in a diverse range of art forms and organisations, including theatre companies, venues, dance companies, exhibitions, galleries, concerts and festivals.

By studying at WAAPA, students have opportunities for practical experience, including placements/secondments in the wider arts industry.

**Additional Admission Requirements**

Attend an interview. Individual interviews are conducted to provide information about the applicant’s experience, motivation and goals. It is important that prospective students have an existing interest and background in the arts and a commitment to extending their knowledge in management and the arts in general.

**Work Experience Requirement**

An emphasis on academic study and experiential practice gives students the opportunity to apply theory to practical situations and workplace scenarios by developing their understanding of art forms and processes within various arts organisations. During the later stages of the degree, practical experience is gained in the wider arts industry. It provides an authentic workplace environment through the engagement and collaboration with industry professionals and the diverse number of public performances and exhibitions where students can transfer their skills into professional venues both at WAAPA and externally.
First-year students will demonstrate their understanding of theory through staffing Front of House for WAAPA productions. Second-year students take on the management roles of Front of House and are also encouraged to become involved in community and professional activities. Third-year students are required to gain experience with professional companies in the first semester of the year.

In the final semester, students undertake their Industry Placement with a professional arts organisation. This is a full-time, 10-week placement which is designed to synthesise theory and practice and to provide students with the opportunity to demonstrate their knowledge and skills acquired over the previous five semesters. It also provides a transition period that is a practical preparation for the workforce.

**Careers**

General Manager, Arts Marketing Manager, Audience Development Manager, Sponsorship Manager, Business Development Manager, Communications Manager, Program Manager, Venue Manager, Producer, Events Coordinator.

**Course Structure**

Students are required to complete 22 units:
- 19 Core Units
- 2 Elective Units
- 1 Industry Placement Unit

Visit ecu.edu.au/courses/Y20 for more details.

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**BACHELOR OF ARTS (DANCE)**

**Duration:** 3 Years  
**Availability:** Mount Lawley  
**Intake:** February  
**CRICOS Code:** 003824B  
**Annual Indicative Fees:** $31,900  
See more course information: ecu.edu.au/courses/G48

An intensive and challenging course where performance and classroom practice are central to the philosophy of the program. The course provides an insight into dance as an art form, and a social and educative experience. It develops skills in communication, critical thinking, research and analysis, and demands that students be creatively productive in whatever area of interest they pursue.

Provision is made for students with dance backgrounds other than ballet and contemporary, such as classical Indian dance, to audition and continue to study in their specialist dance style.

**Additional Admission Requirements**

All applicants are required to submit satisfactory medical reports, and attend an audition. Information regarding audition requirements and procedures is available from WAAPA.

**Work Experience Option**

Students have the opportunity to complete the Secondment and Industry Placement unit as part of this course. It is a professional practice unit consisting of choreography, rehearsal, and performance, which aids in both the training and assessment of students in the dance program.

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**BACHELOR OF ARTS (MUSIC THEATRE)**

**Duration:** 3 Years  
**Availability:** Mount Lawley  
**Intake:** February  
**CRICOS Code:** 050058A  
**Annual Indicative Fees:** $31,900  
See more course information: ecu.edu.au/courses/G44

Provides technical training in singing, music skills, specific dance forms, improvisation, and acting, including acting for the camera. The course also provides the opportunity for student performers to acquire specialist skills such as the creation and production of self-devised material, arts management and musical skills such as accompanying.

**Additional Admission Requirements**

Attend an audition and attend an interview. The audition and interview are comprehensive, information relating to requirements and procedures is available from WAAPA.

**Careers**

Actor, Singer, Performer, Entertainer, Dancer.

**Course Structure**

Students are required to complete 21 units.  
Visit ecu.edu.au/courses/G44 for more details.
Bachelor of Music

Duration: 4 Years
Availability: Mount Lawley
Intake: February
CRICOS Code: 079944K
Annual Indicative Fees: $31,950
See more course information: ecu.edu.au/courses/L66

Prepares students for entry into the music profession. With strengths in performance, composition, musicology and music technology, the course is taught by a staff of scholar-performers whose expertise spans the whole gamut of the music world today.

Majors
• Classical Performance: Instrumental
• Classical Performance: Vocal
• Composition and Music Technology
• Contemporary Music
• Jazz

Additional Admission Requirements
Attend an audition, which includes a theory test and an interview.

Careers
Musician, Performance Artist, Composer, Performer, Entertainer.

Course Structure
Students select units within their chosen majors.

Majors:

Classical Performance: Instrumental
Availability: Mount Lawley
Students receive individual lessons and specialist performance classes and participate in a large range of ensembles, which may include chamber music groups, the symphony orchestra, fully-staged operas and cutting-edge new music.

Careers
Musician, Music Tutor, Accompanist, Repetiteur.

Classical Performance: Vocal
Availability: Mount Lawley
Allows students to receive individual lessons, specialist performance classes and participate in a large range of ensembles, which may include chamber music groups, the symphony orchestra, fully-staged operas and cutting-edge new music. Vocal students also have specialist classes to study acting, languages and movement skills.

Careers
Soloist, Chorister, Music Teacher, Vocal Coach, Church Musician, Early-Music Performer.
Composition and Music Technology

Availability: Mount Lawley

Offers streams in classical, electronic, film, popular and jazz music, as well as sound art installation. The ethos of the composition program centres on practical learning through performance and collaboration. At every stage, students collaborate on projects in the dance, film, video, electronic arts, gaming and theatre departments. All students study recording, mixing, mastering and online networking, as well as comprehensive composition approaches for the 21st century.

The Composer in Residence program provides access to a range of visiting artists and students are provided with opportunities to engage with industry throughout the course. In addition, all students are involved in the performance of electroacoustic music through the ECUatorial and Aletheia student ensembles, and are encouraged to work with music performance majors for the performance of their works.

Careers
Composer, Performer, Programmer, Producer, Installation Artist, DJ, Film and Media Composer.

Contemporary Music

Availability: Mount Lawley

An intensive, performance-based major that centres on ensemble studies, where students develop advanced instrumental and performance skills on their chosen instrument (vocal, guitar, bass, keyboard, drum-set). Students receive individual lessons, attend instrumental workshops and are a part of a repertoire-intense, performing ensemble. Additional ensemble-based performances with composition students allow for creative work to be undertaken. Other classes include arranging, history, theory, rhythm, aural, improvisation and second study.

Performances are undertaken regularly throughout the course and the final year culminates in a professional recital.

Careers
Performer, Artist, Songwriter, Arranger, Producer.

Jazz

Availability: Mount Lawley

Recognised as one of the strongest jazz courses in the southern hemisphere, this major produces many nationally and internationally renowned jazz musicians. The strength of the major lies in the focus on performance outcomes. All educational units are based around developing these skills.

All students participate in a variety of ensembles, from big bands to jazz trios and everything in between. The major also has a visiting artist program that is second to none, and prides itself on the depth of professional knowledge that is on offer to students year round.

Careers
Arranger, Performer, Musician.

Visit ecu.edu.au/courses/L66 for more details.

BACHELOR OF PERFORMING ARTS

Duration: 3 Years
Availability: Mount Lawley
Intake: February
CRICOS Code: 077131G
Annual Indicative Fees: $31,450
See more course information: ecu.edu.au/courses/Y97

Explores original, self-devised and collaborative approaches to researching, creating, producing and presenting contemporary arts practice. The course focuses on all aspects of performance in a broader context rather than singular training in acting, dance or music. It provides students with coherent knowledge of the performing arts, combining theoretical and technical knowledge of performance and seeks to unlock limitations through practical enquiry. It also examines the ever-evolving nature of contemporary practice and new approaches to presentation and production.

Students will develop critical thinking and creative problem-solving skills. Self-directed projects will develop confidence in working independently and highly collaborative group work will develop the ability to work as part of a cohesive team. The third year offers the opportunity for students to focus on a particular discipline or area of practice.

Majors
• Performance Making • Practice Transition • Production and Design

Additional Admission Requirements
Attend an audition. This is inclusive of an interview component. Applicants will be assessed on their ability to meet the technical requirements of the course and their suitability for the industry.

Careers
Performer, Musician, Director, Choreographer, Designer, Composer, Sound Designer, Arranger, Dramaturg.

Course Structure
Students are required to complete
• 4 Foundation Units
• 6 or 8 Major Units – depending on major selected
• 4 Related Special Skills Units
• 8 Major / Minor / Elective
**Performance Making**

**Availability:** Mount Lawley

Focuses on the creation of performance from the early stages of creative development through to final performance for an audience.

The major offers students the opportunity to experience performance making in the contexts of solo work, collaborative ensembles and site-specific locations, and in both text-based and more visual or physical styles of work. In a final independent project, students work in small pre-professional companies to conceive, research, rehearse and produce their own performance.

Historical context units help students build up knowledge and understanding of the roots of contemporary performance practice in traditional theatre, dance and performance. There is a particular focus on the twentieth century developments in practice, philosophy and theory of performance, and how those developments inform the current landscape of experimental performance.

**Careers**

Artistic Director, Producer, Project Manager, Performer, Playwright, Theatre Maker, Dramaturge.

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**Practice Transition**

**Availability:** Mount Lawley

A focused learning pathway for students who want to build upon current practice and experience, or to transition to the next phase of their careers. The major provides the opportunity to research a current discipline in more depth, or to explore other areas of practice as a means of transitioning to a new or related field of practice.

It enables students to reflect, gain more coherent knowledge relating to their profession, and to self direct the next phase of their career development. Students are required to undertake a series of independent, practice-based projects with written components including a final exegesis report.

**Careers**

Artistic Director, Producer, Project Manager, Performer, Playwright, Theatre Maker, Dramaturg.

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**Production and Design**

**Availability:** Mount Lawley

This major provides graduates with a focused learning pathway through the skills and experience required to engage in professional theatre practice. It offers students intensive creative and technical training through professional production practices. This is achieved by undertaking leadership roles within their stream major on the annual repertoire of WAAPA productions across all mainstream genres inclusive of Acting, Music Theatre, Dance Contemporary & Classical, Opera, Jazz and Contemporary Music.

WAAPA’s professionally staffed and equipped facilities provide the student with the opportunity to learn the skills and knowledge and experience the hands on approach required by the national and international industry.

**Production Experience Requirement**

All students will work on two or more WAAPA productions. All WAAPA productions are presented to public audiences. The major culminates in an Industry Secondment unit where students will undertake an industry placement.

**Clearance and/or Risk Management Protocols Required**

Construction Industry OHS White Card and First Aid certificate is required.

**Careers**

Set and Costume Designers, Sound Designer, Lighting Designer, Production Manager, Stage Manager, Scenic Artist, Workshop Manager, Head Cutter, Machinist.

Visit [ecu.edu.au/courses/Y97](http://ecu.edu.au/courses/Y97) for more details.
MASTER OF ARTS (PERFORMING ARTS)

Duration: 2 Years
Availability: Mount Lawley
Intake: February & July
CRICOS Code: 074069M
Annual Indicative Fees: $31,900
See more course information: ecu.edu.au/courses/J40

Primarily aimed at high-level practitioners from a wide cross-section of the arts community who wish to extend their independent capacity to operate in an increasingly multi-art form and technologically-based profession.

Students may be required to research, devise and produce new works of art, or develop new approaches to arts practice and/or its critical and social contexts and meaning (depending on the specific research project entailed). It is expected that any such arts practice will be a contemporary expression leading towards new insights in the selected field of study. The work will be exploratory, frequently based around emerging methodologies of arts research, leading usually to a performance, presentation, exhibition or publication of significance.

Specifically, the course aims to create opportunities for innovation and creativity in the arts; use the resources of the Academy to create leadership opportunities for people who can offer the arts informed direction, and identifiable and marketable skills, to advance the Australian cultural environment into the next decade; provide opportunities for people from diverse ethnic and creative arts backgrounds to synthesise disparate artistic skills to produce innovative and creative outcomes for the arts industry; and build upon and extend the traditions and conventions of the student’s earlier training to create new knowledge for the arts.

Additional Admission Requirements
Attend an audition. The candidate is expected to undertake an audition (all performance and directing) and/or interview (composition, musicology and other forms of historic study) for the staff in the relevant area. Information on this requirement will be available from the area head on application.

Visit ecu.edu.au/courses/J40 for more details.

DOCTOR OF PHILOSOPHY

We also offer a PhD and PhD Integrated in the field of performing arts. For more details, please see pages 224-225.
As a research student at ECU, you’ll extend your knowledge and have the ability to make a real difference to the lives of others. You’ll be part of our vibrant research community with an extensive training program, have access to excellent facilities and highly qualified supervisors.

ECU’s Graduate Research School provides a supportive environment for research students and their supervisors. We aim to enhance the quality of the research experience and culture at ECU by providing face-to-face and online training, seminars, academic events and social activities. We also promote high quality in research training through policies, procedures, information and support processes.

**WORLD-CLASS RESEARCH**

ECU conducts world-class research that makes a difference, focusing on people, partnerships and results. As part of the vibrant community at ECU, our researchers help to transform lives. Our four key research themes include:

- **Health** – Prevention, detection and management of disease and injury
- **Society and Culture** – Impacting and supporting social change through ensuring diversity, creativity, cultural identity, education, personal and organisational success and social justice
- **Natural and Built Environments** – Understanding, harnessing, building and protecting environments for sustaining people, place and planet
- **Securing Digital Futures** – Enabling a safe, secure, productive and enterprising digital environment

Visit [ecuworldclass.com](http://ecuworldclass.com) for more information about the range of world-class research projects being undertaken by ECU researchers.
“I have no doubt I came to the right place for my doctoral degree.”

I chose to do my doctorate here because I found the PhD in Business program at the School of Business and Law to be focused on conducting cutting edge and innovative research in areas that are relevant to the global community.

The ECU facilities and services are more than enough for you to achieve your dreams. The great thing about the lecturers is that they give you the opportunity to explore and discover your interests whilst at the same time they guide you to pursue those interests.

I found my supervisors to be very supportive and dedicated to supervising my research work, they create an enabling learning environment that help me to develop my research skills and competencies.

To the new international current and prospective students especially the graduate research students, I can assure you that ECU is a great place to study.

ECU carries this climate of a modern, world-class and ambitious institution. It looks like a place I can achieve my goals and aspirations. I have no doubt I came to the right place for my doctorates degree.

EMMANUEL KOKOROKO
PhD Business (Management) Candidate
Ghana
A Doctor of Philosophy (PhD) is an opportunity to pursue a topic you’re passionate about at the highest academic level. A PhD is an independent, supervised research project that is assessed on the submission of a thesis or creative work and exegesis. This course may be undertaken in any School within ECU, provided there are supervisors available in your proposed research area, and the resources and facilities required to complete your proposed project are accessible. ECU encourages interdisciplinary research that may span two or more disciplines. As a PhD candidate, you will be expected to develop a project that can be completed in three years full-time. You may submit your thesis any time after two years of full-time study, and the maximum course duration for a PhD is four years full-time. A PhD is a significant undertaking, and if enrolled full-time you are expected to commit at least 35 hours per week to your research.

Additional Admission Requirements
Equivalent of six months full-time research (which must involve a research output which includes the conception and design of the project, and analysis and interpretation of findings) if applying with a Masters qualification other than a Master by Research.

Special entry may be considered for applications to the Western Australian Academy of Performing Arts (WAAPA) who will be required to attend an audition and/or interview.

Employment Opportunities
Throughout your PhD, you will be supported to develop high level research and professional skills such as project design and execution; problem identification, definition and solving; critical thinking and analysis; data management; utilising research methods and methodologies; teamwork, negotiation and networking; high level technical skills in your field; and communicating to different audiences.

With the majority of PhD graduates now pursuing careers outside academia, the skills and research training embedded in the PhD assist you to move into a variety of sectors and roles, including management, consulting, commercial R&D, research management, entrepreneurship, public policy, government, finance, technical services, biotech, education, and project coordination/management.

Course Structure
Students are required to continue re-enrolling in the relevant discipline-specific thesis unit of their study until the thesis is submitted for examination.

For candidates commencing from 2018 the examination process will consist of both a written and oral component.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>AGR7200</td>
<td>Doctor of Philosophy Thesis (Agriculture, Environmental and Related Studies)</td>
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<tr>
<td>ARC7200</td>
<td>Doctor of Philosophy Thesis (Architecture and Building)</td>
</tr>
<tr>
<td>ART7200</td>
<td>Doctor of Philosophy Thesis (Creative Arts)</td>
</tr>
<tr>
<td>COM7200</td>
<td>Doctor of Philosophy Thesis (Management and Commerce)</td>
</tr>
<tr>
<td>ERT7200</td>
<td>Doctor of Philosophy Thesis (Engineering and Related Technologies)</td>
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<tr>
<td>ETN7200</td>
<td>Doctor of Philosophy Thesis (Education)</td>
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<tr>
<td>HLT7200</td>
<td>Doctor of Philosophy Thesis (Health)</td>
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<tr>
<td>INF7200</td>
<td>Doctor of Philosophy Thesis (Information Technology)</td>
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<tr>
<td>NAT7200</td>
<td>Doctor of Philosophy Thesis (Natural and Physical Sciences)</td>
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<tr>
<td>SCL7200</td>
<td>Doctor of Philosophy Thesis (Society and Culture)</td>
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</table>
The Doctor of Philosophy (Integrated) (PhD(I)) is a research degree commencing with a cohort-based foundation year of research preparation followed by an independent, supervised research project. The subjects covered in the first year support the development of the research project and include generic research training and discipline-specific units. These provide you with strategies for a successful research journey, appropriate research design and methodology, timely completion, and effective writing and communication skills. You must achieve an overall weighted average mark (WAM) of 70 per cent in the first year of research preparation in order to continue into the thesis component of the course.

A PhD(I) may be undertaken in any School within ECU, provided there are supervisors available in your proposed research area, and the resources and facilities required to complete your proposed project are accessible. ECU encourages interdisciplinary research that may span multiple research fields and Schools. We encourage you to view the Research Activity pages of the School websites for ECUs areas of research focus.

Additional Admission Requirements
Master by Coursework in a related field. Alternatively, applicants can hold an Honours degree, or the equivalent in a relevant field from a recognised University.

Non–Standard Timetable
Students are expected to meet regularly with their supervisors as part of the supervised independent research component of the course.

Employment Opportunities
Throughout your PhD, you will be supported to develop high-level research and professional skills such as project design and execution, problem identification, definition and solving, critical thinking and analysis, data management, utilising research methods and methodologies, teamwork, negotiation and networking, high-level technical skills in your field, and communicating to different audiences.

With the majority of PhD graduates now pursuing careers outside academia, the skills and research training embedded in the PhD prime you to move into a variety of sectors and roles, including management, consulting, commercial R&D, research management, entrepreneurship, public policy, government, finance, technical services, biotech, education, and project coordination/management.
Here’s how students can submit an application to ECU for undergraduate courses or postgraduate coursework courses.

Our Education Agents can help with finding the right course, gathering documents and/or applying to ECU.

**APPLICATION PROCESS**

**EXPLORE**
Choose your course and check your eligibility
Visit [international.ecu.edu.au](http://international.ecu.edu.au)

**APPLY**
Gather your documents
- Academic Certificates and transcripts (both in original and English language)
- English Proficiency results
- Copy of passport (Photo page)
- Resume (if applicable)
- Work Reference (if applicable)
- Marriage or name change certificate (if applicable)

Submit your application
you can apply directly online or through an agent
Scholarships – Admissions will assess your eligibility at time of application

**ACCEPT**
Receive your offer – ten days after application
Make payment

**ARRIVE**
Arrive in Perth two weeks before the beginning of the semester so that you have plenty of time to get settled in

**DEPART**
Relocate to Perth

**PREPARE**
Apply for your visa
Decide on your accommodation type
- Book your accommodation
- Check out our accommodation scholarship

**ATTEND ORIENTATION**
Get familiar with your campus
Meet ECU staff and student

**START YOUR STUDIES!**
2020 WORLD READY SCHOLARSHIPS

Our World Ready Scholarships reward you financially, assisting you in gaining a world class education. All of our World Ready Scholarships will automatically be assessed with your application. Our academic scholarships provide you with a 20% fee reduction off your tuition fees, a saving of up to $35,500. Our accommodation scholarships have limited availability so make sure you apply early.

Visit [ecu.edu.au/international-scholarships](http://ecu.edu.au/international-scholarships) for full details on each scholarship terms and conditions.

**ACADEMIC SCHOLARSHIPS**

**International Undergraduate Scholarship**
- Applies to selected Bachelor degree programs
- Is open to international students from select countries
- Reduces tuition fees for the full duration by 20%

**International Undergraduate Merit Scholarship**
- Applies to selected Bachelor degree programs
- Is open to international students from select countries who meet ECU's higher academic entry requirements
- Reduces tuition fees for the full duration by 20%

**International Masters Scholarship**
- Applies to select masters programs
- Is open to international students from select countries
- Reduces tuition fees for the first year duration by 20%

**Australian Alumni International Scholarship**
- Applies to select Bachelor Degree and Masters programs
- Open to international students who have completed an eligible course or a semester at a recognised Australian institution
- Reduces tuition fees for the first year by 20%

**ACCOMMODATION SCHOLARSHIPS**

**Mount Lawley International Accommodation Scholarship**
- Is open to all international students
- Reduces accommodation fees for 2020 by 30%

**South West (Bunbury) International Accommodation Scholarship**
- Is open to all international students
- Reduces accommodation for the first year by 80%

**IMPORTANT DATES IN 2020**

<table>
<thead>
<tr>
<th>SEMESTER 1, 2020</th>
<th>SEMESTER 2, 2020</th>
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<tbody>
<tr>
<td>Orientation</td>
<td>Orientation</td>
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<tr>
<td>10–21 February</td>
<td>13–24 July</td>
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<tr>
<td>Semester Commences</td>
<td>Semester Commences</td>
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<td>24 February</td>
<td>27 July</td>
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<td>Mid Semester Break</td>
<td>Mid Semester Break</td>
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<td>13–17 April</td>
<td>28 September – 2 October</td>
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<td>Study Week</td>
<td>Study Week</td>
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<td>1–5 June</td>
<td>2–6 November</td>
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<td>Exams</td>
<td>Review and Examination</td>
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<tr>
<td>8–19 June</td>
<td>9–20 November</td>
</tr>
</tbody>
</table>

**ORIENTATION**

Orientation happens two weeks before the start of each semester and it’s a great way for new students to adjust to uni life.

You’ll get to meet teaching staff and new students, find your way around campus and understand where to go for our many student support services.
THERE IS WHERE YOU ARE RIGHT NOW, AND THERE IS WHERE YOU WANT TO GET TO. IN BETWEEN YOU NEED A BRIDGE. ECU IS THAT BRIDGE BETWEEN YOUR WORLD, AND THE WHOLE WORLD.

BECOME WORLD READY AT ECU.

ECU is committed to reconciliation and recognises and respects the significance of Aboriginal and Torres Strait Islander peoples’ communities, cultures and histories. ECU acknowledges and respects the Aboriginal and Torres Strait Islander peoples, as the traditional custodians of the land. ECU acknowledges and respects its continuing association with Nyoongar people, the traditional custodians of the land upon which its campuses stand.

GREENING ECU: Edith Cowan University is committed to reducing the environmental impact associated with its operations by conducting its activities in a socially and environmentally responsible manner. This includes implementing strategies and technologies that minimise waste of resources and demonstrate environmentally sensitive development, innovation and continuous improvement.

Every effort has been made to ensure that the information in this publication is correct at the time of production. The information is subject to change from time to time and the University requests the right to add, vary or discontinue courses and impose limitations on enrolment in any course. The publication constitutes an expression of interest and is not to be taken as a firm offer or understanding.