FUTURES ———
THE ESSENTIAL GUIDE FOR THOSE GOING PLACES
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.
At Edith Cowan University (ECU), we understand that choosing a career is an important decision. In addition to the information in this prospectus, our supportive staff are available to answer your questions about specific courses and pathways to university study.

Located in Western Australia, our industry-relevant teaching and research, supportive study environment and award winning facilities have been recognised with five star ratings for teaching quality twelve years in a row in the 2019 Good Universities Guide.

In the 2019 release of the Australian Government’s Quality Indicators for Learning and Teaching, ECU was named the top public university for teaching quality. This is the fourth year we have achieved this result. In addition we were the top ranked public university for overall education experience based on a 2 year aggregate result.

Our courses are developed in consultation with industry, and our teaching staff have extensive industry experience and networks.

It is through our connections with industry groups and professional bodies that ECU students can experience work placements, fieldwork, practicums, networking events and volunteering opportunities as part of their studies.

ECU has been named in the Times Higher Education Young University Rankings for 2018, recognising the world’s best 150 universities under the age of 50.

In addition to developing important academic and professional skills, at ECU you will have the opportunity to make new, lifelong friends, whilst also enjoying the welcoming culture and friendly environment.

Become the graduate ready to make your mark on the world. Become world ready at ECU.

ECU was named in the Times Higher Education (THE) Young University Rankings for 2018. Recognising the world’s 150 best universities less than 50 years of age, the rankings are a global showcase of a new breed of university. They focus on performance indicators such as research, teaching excellence, international outlook and innovation, and highlight universities that are developing at an exceptional rate.

ECU is proud to be recognised for its research productivity, research influence, quality of teaching, industry innovation and international focus. And we’re looking forward to building on this success.
WHO WAS EDITH COWAN?

BORN IN 1861 IN GLENGARRY, NEAR GERALDTON, EDITH DIRCKSEY COWAN BELIEVED EDUCATION WAS THE KEY TO GROWTH, CHANGE AND IMPROVEMENT.

EDITH’S CONTRIBUTION TO THE DEVELOPMENT OF WESTERN AUSTRALIAN EDUCATION WAS SIGNIFICANT.

SHE STROVE TO ACHIEVE SOCIAL JUSTICE AND CAMPAIGNELED FOR THE RIGHTS OF WOMEN, CHILDREN AND FAMILIES, FOR THE POOR, THE POORLY-EDUCATED AND THE ELDERLY.

SO IT’S FITTING THAT THE STATE’S OLDEST EDUCATION INSTITUTION AND NEWEST PUBLIC UNIVERSITY, EDITH COWAN UNIVERSITY, BEARS HER NAME.
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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.
ACHIEVEMENTS
OVER THE PAST YEAR

ECU RANKED TOP PUBLIC UNIVERSITY IN AUSTRALIA FOR TEACHING QUALITY

ECU has been ranked the top public university in Australia for teaching quality in the QILT (Quality Indicators for Learning and Teaching) survey released in 2019. We were also the top public university in Australia for skills development and on a 2 year aggregate the top for overall educational experience.

ECU has been named in the Times Higher Education Young University Rankings for 2018, recognising the world's best 150 universities under the age of 50. The rankings are a global showcase of a new breed of university. They focus on performance indicators such as research, teaching excellence, international outlook and innovation, and highlight universities that are developing at an exceptional rate.

AUSTRALIA DAY ACCOLADE FOR ECU HEAD OF NURSING

Professor Di Twigg AM has been recognised for her significant leadership and service to nursing in the 2019 Australia Day Honours List. Professor Twigg was among more than 1,100 Australians to be honoured in what was the largest Australia Day List in history.

The Executive Dean of the School of Nursing and Midwifery was appointed as a Member (AM) of the Order of Australia (General Division) by the Governor-General Sir Peter Cosgrove.

“I am so overwhelmed, excited and honoured,” Professor Twigg said.

The Order of Australia is considered the most prestigious means of recognising outstanding members of the community at a national level.

ECU’S TEACHING GRADUATES DOMINATE EDUCATION AWARDS

ECU teaching graduates swept four categories at the 2018 WA Education Awards, which recognise the best primary and secondary teachers and schools around the State.

Graduates won the Primary and Secondary Principal of the Year, Beginning Teacher of the Year and Primary Teacher of the Year awards.

School of Education’s former Executive Dean Professor Lynne Cohen, said the awards are further recognition of ECU’s ongoing role in producing excellent teachers.

“ECU has been training and supporting dedicated, passionate educators for more than 100 years,” she said.

“We firmly believe in supporting and nurturing new teachers to help them become the very best educators they can be.”
**FIVE-STAR TEACHING QUALITY**

ECU was rated the maximum five-stars for teaching quality for the twelfth year in a row by the Good Universities Guide.

In the 2019 guide, graduates also rated ECU five stars for overall educational experience, skills development, student support and median graduate salary levels.

**ECU A WINNER AT MAJOR AWARDS**

ECU’s WAAPA and School of Nursing & Midwifery were big winners at the recent Australian Awards for University Teaching (AAUT).

In the Awards for Programs that Enhance Learning category, the Bachelor of Arts (Acting) program, led by Ms Glenda Linscott (featured right) was recognised for its innovative teaching and outstanding student experience and graduate outcomes.

And in the same category, the State-wide Partnership Enabling Assistant Nursing Training in ECU’s Bachelor of Science (Nursing) program, led by Ms Carol Crevacore (featured left) was acknowledged for the skills, experience and employment opportunities it provides students during their studies.

Rounding off these exceptional achievements, Dr Marianne Knaus and Dr Steven Richardson both received citations for their personal contributions to student learning in the School of Education and the School of Science.

**BUILDING ECU’S SCIENCE FUTURE**

ECU is building a state-of-the-art science building as part of a $48 million project on our Joondalup Campus. Scheduled for completion at the end of 2019 the building façade will feature the largest permanent periodic table in the world. Students in ECU’s School of Science and School of Medical and Health Sciences will benefit from the five-storey building which includes 2,800 sqm of purpose-built super-laboratories, which will meet Australian standards for handling potentially hazardous materials.

**ECU SPOTS A SOLUTION TO EARLY MELANOMA DETECTION**

Edith Cowan University (ECU) researchers have made a world-first breakthrough with a blood test able to detect early stage melanoma. Melanoma is diagnosed in more than 14,000 people in Australia each year, with more than 1,700 people – or 5 per day – dying from the disease.

The new blood test could provide doctors with a powerful new tool to detect melanoma before it spreads throughout the body. Early testing has achieved a success rate of almost 80%.

The Melanoma Research Group at Edith Cowan University in Western Australia is one of a growing list of world-class research specialisations.
WE EQUIP YOU WITH THE CONFIDENCE AND PRACTICAL SKILLS TO DEAL WITH WHATEVER CHALLENGES MAY COME YOUR WAY, NO MATTER WHERE YOU ARE IN THE WORLD. BUT IF THAT ISN'T ENOUGH, HERE ARE A FEW MORE REASONS WHY YOU SHOULD CHOOSE ECU.

1 LEARN FROM THE BEST
Our high calibre staff have extensive experience as researchers, teachers, advisers or consultants and have significant professional experience in their field.

2 INDUSTRY LINKS
Many of our courses offer direct links with industry and organisations.

3 SUPPORTIVE LEARNING ENVIRONMENT
We offer a supportive study environment with approachable teaching staff and a range of support staff, including counsellors and academic skills advisers, to help you get the most out of your education.

4 MORE CHOICES
We offer a diverse range of courses, majors, minors and electives.

5 MORE FLEXIBILITY
Through a variety of entry pathways and study options, we enable people from all backgrounds to enrich their lives and their communities through education.

6 AWARD-Winning FACILITIES
We are known for our award-winning facilities and are at the forefront of providing innovative education and training solutions.
7 INTERNATIONAL OPPORTUNITIES
You can travel the world while you study by taking advantage of our many exchange partners.

9 PRACTICAL LEARNING
We offer learning that extends beyond the classroom via practicums, work integrated learning, and internships.

8 5-STAR RATINGS
For twelve years in a row, ECU graduates have awarded us a five-star rating for teaching quality in the Good Universities Guide.

10 DOUBLE DEGREES
In just four to six years of full-time study (depending on the double degree combination you choose), you will have the skills and practical knowledge to consider a diverse range of careers.

Step inside to see how ECU gets you ready for the outside world.

JOONDALUP
28 JULY, 10AM–3PM
MOUNT LAWLEY
11 AUGUST, 10AM–3PM
SOUTH WEST
25 AUGUST, 11AM–2PM

ecuworldready.com.au/openday

WIN A TRIP FOR 2 TO LONDON, NEW YORK OR SAN FRANCISCO
Visit the website for details.
ECU’s Equity, Diversity and Disability (EDD) services support students whose studies may be affected by a medical condition or disability, either their own or that of a family member that they care for. EDD staff can assist with liaising with academic staff, arranging alternative assessment conditions, access to some aids and equipment, note taking, AUSLAN interpreting and transcription services. Every campus has a specially-designed Accessible Technologies Room that provides students with access to adjustable chairs and desks, specialised software, computers and other adaptive technology. All ECU locations have access for people with disabilities. Specific details are provided via ECU’s access and mobility maps at ecu.edu.au/campus-maps.
ECU SECURITY
- Security service 24/7
- Well-lit pathways
- Emergency phones
- Over 5,322 parking bays across all campuses
- Night security escort
- Security app

FAMILY SUPPORT
- Childcare
- Parenting rooms
- Crèche
- ECU Kids Holiday Program (Joondalup and Mount Lawley)

RECREATIONAL & SOCIAL OPPORTUNITIES
- Student Guild
- Clubs and societies
- University games
- Taverns (Joondalup and Mount Lawley)

STUDENT HUB
The Student Hub is a dedicated service centre that can assist with the following:
- Course information and advice
- Enrolment assistance
- How to resume a course following a deferral or discontinuation
- Extension of time, including time requirements for completion of courses
- Graduation eligibility

ACADEMIC SUPPORT
- Learning Advisers
- Career, Volunteering, Mentoring and Leadership Services
- Equity, Diversity & Disability Services
- Academic Mentoring
- Study Abroad and Exchange Program
- Kurongkurl Katitjin, ECU’s Centre for Indigenous Australian Education and Research
- LGBTIQ supportive environment

FOOD & RETAIL
- Cafés and other food outlets
- Hairdresser (Joondalup)
- Optometrist (Joondalup)
- Bookshops
- ATMs
Our Joondalup Campus is set within beautiful surrounds and its spacious grounds provide a great place for students to study and relax. The campus is identified by its landmark architecture, from the grandness of our Chancellery Building with its elaborate spires, to our vibrant golden Ngoolark building and our state-of-the-art buildings for Engineering and Health and Wellness.

ECU Joondalup has world-class facilities for teaching and research, and provides offerings in arts, commerce, engineering, law, medical and health sciences, natural sciences, nursing, computing and security, sports science, psychology, social science and teacher education. An extensive range of facilities, services and support are available, including a modern library with 24-hour access to the e-lab, a medical centre, a gym, cafés and a tavern.

ECU’s new science building will provide students with the ability to study in innovative, technology-enabled, multi-purpose laboratories. The building will also strengthen our ties with industry by including floor space for a select number of organisations to partner with ECU for knowledge sharing.

The new School of Engineering building at Joondalup Campus significantly increases the School’s research capabilities and supports the ongoing development of teaching and research programs.

Ngoolark is a one-stop shop, bringing most student-related services under one roof. This building is an ‘active space’, enhancing the vibrancy of the Joondalup Campus. This amazing building has the equivalent of a five-star energy efficiency rating and complements other award-winning architecture on Joondalup Campus.

Our Joondalup Campus is part of the Joondalup Learning Precinct, which includes North Metropolitan TAFE and Western Australia Police Academy. During the summer months, we bring mainstream movies to the big screen at the ECU Joondalup Pines Outdoor Cinema, thanks to a new partnership with Telethon 7 Community Cinemas.

**ECU MOUNT LAWLEY**

Located in the thriving cultural hub of Mount Lawley and close to Perth CBD, you can’t help but be inspired by the artistic vibe at our Mount Lawley Campus. Offerings are provided in arts, communications, design, media and teacher education. Campus life is always buzzing, with our arts hub, cafés, a sport and fitness centre, and our vibrant Student Village all adding to your university experience.

Our Mount Lawley Campus is home to the Western Australian Academy of Performing Arts (WAAPA), giving you the perfect opportunity to enjoy the hundreds of performances and events that they host each year. Kurongkurl Katitjin, ECU’s Centre for Indigenous Australian Education Research, is also located on this campus and is an invaluable teaching and support resource for our Aboriginal and Torres Strait Islander students.

**ECU SOUTH WEST (BUNBURY)**

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. Offerings are provided in commerce, science, health sciences, nursing and midwifery, social work, exercise and sports science, and teacher education. Engineering students can also study the first year of their course here.

The campus features a café, mini-gym, new creche facilities, multi-purpose sports courts, two nursing demonstration wards, science laboratories and a library with 24-hour access to a computer lab. The South West Campus is co-located with the South Regional TAFE, Manea Senior College and two hospitals. There are also opportunities for international exchange with universities in sister city relationships with Bunbury, as well as ECU’s own Exchange/Study Abroad opportunities.
TRANSPORT
All of our campuses can be accessed conveniently via public transport. Our Joondalup Campus is located a short distance from the Joondalup Train Station, making it easy to catch public transport to ECU. You can simply walk from the station to the Joondalup Campus or there is a free CAT bus service that runs directly from the train station to the Joondalup Campus. The Mandurah train line provides even greater ease of access. If you live in Mandurah, all you need to do is jump on the train and you will be in Joondalup in an hour or less. Buses run frequently between ECU Mount Lawley and Perth CBD daily, and there are also direct bus services to many bus stations in the surrounding suburbs. A number of bus routes travel past ECU South West, and a few end at the Bunbury Health Campus, which is just a short walk away.

ACCOMMODATION
We have excellent student accommodation at all three of our campuses. At our Joondalup Campus, we have a multi-million dollar development that offers modern apartments over seven floors of accommodation and a range of enjoyable facilities including a recreation room, barbeques, and a swimming pool. Our $38 million student accommodation at Mount Lawley features state-of-the-art facilities such as a pool, café, student lounges with Wi-Fi, e-library and more. The Resident Assistant Team are there to provide support and assistance in all of the villages, ensuring you enjoy a full student life. Off-campus housing assistance is also available to apply for. For more information and to apply, visit [www.ecuvillage.com.au](http://www.ecuvillage.com.au).

STATE-OF-THE-ART FACILITIES
At ECU, we pride ourselves on our industry-relevant, world-class facilities, that allow you to experience modern equipment in real-world environments. Our Joondalup Campus is home to exceptional, purpose-built health and wellness teaching and research facilities, which include self-contained simulation suites that have full video recording and interactive audio-visual technology.

Our School of Business and Law has a number of state-of-the-art facilities available to help students gain the practical skills employers look for, including the SMART Lab, Digital Hub and Law Moot Court. Our Engineering and Technology Building on the Joondalup Campus houses state-of-the-art laboratories, research areas for staff and students, innovative student project spaces and numerous other high quality teaching spaces. ECU is building a state of the art science building as part of a $48 million project on our Joondalup Campus. Scheduled for completion at the end of 2019 the building façade will feature the largest permanent periodic table in the world.

Our impressive communications and arts hub is also located on our Mount Lawley Campus. The hub contains facilities for design, visual arts, fashion, broadcasting, animation, photomedia, motion capture and film, as well as two beautifully refurbished venues that showcase the research and creativity of our staff and students.

ONLINE STUDY
If you’d like to study at university but can’t attend classes for reasons such as distance, family or work commitments, then online study may be for you. We have a range of courses and units that are offered online, as well as excellent support services available to assist you while you learn. For more information, visit [www.ecuworlready.com.au/online](http://www.ecuworlready.com.au/online).
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.
**WORLD-CLASS FACILITIES AND PROFESSIONALLY ACCREDITED COURSES**

ECU has made a major commitment to the arts through a $4 million investment in Arts and Humanities facilities. The re-housing of the design, photography and media studios, and new broadcasting studios, along with the refurbishment of the visual art and fashion areas, provides world-class facilities for staff, students and researchers. We also offer you the option to study courses that are professionally accredited, approved, or recognised by professional bodies such as the Australian Community Workers Association (ACWA), the Australian Association of Social Workers (AASW) and the Australian Children’s Education and Care Quality Authority (ACECQA).

**A SMOOTH TRANSITION**

We offer intensive short courses designed for high school students that aim to improve the pathway from school to university. Exploring content from disciplines such as Broadcasting, Design, Fashion, Screen Production, Photomedia, Public Relations and Visual Arts, students are introduced to the foundation concepts of our undergraduate degrees and awarded credit that counts towards their future study. We also facilitate a smooth transition from the VET sector to our undergraduate social science courses. Once here, first year students across all courses have the added support of a peer mentoring program, offering advice and insider knowledge to help them settle into university life.

**LINKING GRADUATES WITH INDUSTRY**

Flexible courses, combined with our focus on community projects and industry placements, increases employment prospects and will equip our students with the skills needed to make a difference in people’s lives. Through our close links with industry professionals we ensure our courses and teaching is always relevant and up-to-date. Our students have been highly successful, both nationally and internationally, in gaining recognition through awards, competitions and employment in a rapidly growing and increasingly competitive market.

**WE’RE ALL ABOUT BALANCE**

The accessibility of our courses continues to grow with the offering of more undergraduate degrees online and across our three campuses in Joondalup, Mount Lawley and Bunbury. You can study Psychology, Counselling, Youth Work, Social Work and Social Science online to balance your work, family and study commitments. Our expansion across all three campuses, state-of-the-art facilities, contemporary teaching and research practices, all with an emphasis on a sustainable work/life balance, ensures an exciting and creative environment for students.

“Being able to work on The Innocence Project drew me to ECU.”

ECU’s Psychology and Criminology course offered units no other universities offered, including The Innocence Project. This hands-on project allows us to investigate real cases of alleged wrongful conviction. It has been extremely beneficial to work on this in teams and use practical skills.

The facilities are excellent and being able to study online is very helpful and convenient. This allowed me to continue my course when I moved interstate temporarily. The lecturers I had were fantastic; all friendly, approachable and experts in their fields. The entire study experience at ECU has been rewarding, enjoyable and has helped me to grow as a person.

**GEORGIA WILLIAMS**

ECU Psychology, Criminology & Justice graduate

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2020 Undergraduate Course Guide — Edith Cowan University
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 2018, the School was recognised by QILT as one of the leading universities in Australia for Business and Management, ranking as the top public university for Educational Experience, Teaching Quality and Student Support.

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.
PRACTICAL LEARNING EXPERIENCES FOR COMMERCE STUDENTS

ECU commerce students will secure a guaranteed situated learning experience during their studies. This real-world experience could include an internship, a practicum placement, or project work and is all arranged by our dedicated Work Integrated Learning Team. Some of the leading organisations where ECU commerce students have completed internships include the City of Joondalup, Commonwealth Bank and the Tourism Council of WA.

HANDS-ON EXPERIENCE WITH THE ECU ON-CAMPUS LEGAL CENTRE

Law students may have the opportunity to work on real cases, under the supervision of legal practitioners, at the on-campus Northern Suburbs Community Legal Centre. The Centre provides legal information and advice to the community in a number of areas, providing vital hands-on experiences for our law students.

STUDY LAW ONLINE

At ECU we understand that sometimes you need your studies to fit into your life, whether it’s family commitments, full-time work or you simply can’t make it to campus. We are the first WA university to offer a professionally accredited online law degree – so you can work towards your dream career around your life. As an online student, you still have access to all on-campus facilities, interactive learning spaces, recorded lectures and online discussion groups.

ACCREDITATIONS, AFFILIATIONS AND ENDORSEMENTS

Accreditations: Australian Computer Society (ACS); Australian Human Resources Institute (AHRI); Australian Marketing Institute (AMI); Chartered Accountants Australia and New Zealand (CAANZ); Certified Practising Accountants Australia (CPA); Institute of Public Accountants (IPA); Legal Practice Board of Western Australia (LPBWA).

Affiliations: Australian Market and Social Research Society (AMSRS); Australian Marketing Institute (AMI); Financial Services Institute of Australasia (FINSIA); Institute of Internal Auditors (IIA).

Endorsements: Australian Institute of Project Management (AIPM).

STATE-OF-THE-ART FACILITIES

ECU’s School of Business and Law has a number of state-of-the-art facilities available to help students gain the practical skills employers look for.

Business students can access real-time global financial market data using Thomson Reuters Eikon software in the SMART Lab, tap into the latest virtual reality and social media channels in the Digital Hub using Salesforce Social Studio, and collaborate in the Centre for Business Development.

Law students have the opportunity to develop their skills in a simulated legal environment in our real-world on-campus law Moot Court.

“Since graduating from ECU, I’ve been able to secure a graduate position at one of the largest law firms in Australia, MinterEllison.”

The focus of the Law degree at ECU is very practical. Some of my lecturers had held jobs in Parliament, Australian Securities and Investments Commission, and the Administrative Appeals Tribunal, and were able to bring a very practical mind-set to the units they taught, something I think is very important for those wishing to practice after they complete their degrees. My studies at ECU provided me with the essential framework to begin working in, and applying for corporate legal positions.

Whilst studying law at ECU, I was lucky enough to travel to Canberra for the Australian Law Student Association Conference as a delegate. At the conference, top students from all Law Schools in Australasia came to learn about issues facing law, learn new skills, and compete. I competed in the Witness Examination competition, this taught me a lot in regards to Court etiquette, legal procedure, and dealing with clients. It was also an excellent opportunity to network with students from all over Australia, New Zealand, and Asia.

DYLAN HOYNE
ECU Law graduate
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 best-equipped, 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 and recognised under the Washington Accord.

So with an ECU engineering degree, you’ll graduate as a world ready engineer, able to work globally and capable of meeting the challenges of the future.
FLEXIBILITY AND CHOICE
At ECU, we have more than 20 Engineering and Technology courses to choose from, ranging from traditional Civil, Electrical, Mechanical and Chemical, to specialist maritime engineering courses like Ocean Engineering, and Marine and Offshore Engineering. We are also the only university in WA to offer degree specialisations in Motorsports and Naval Architecture. Flexible options like part-time study and recorded lectures available online, help you fit study into your life.

ECU ENGINEERING SCHOLARSHIPS FOR HIGH PERFORMERS
ECU is offering scholarships valued at $20,000 to high performing Year 12 students who wish to study Engineering in 2020. Students studying Maths Methods, Maths Specialist, Chemistry, Engineering Studies or Physics, and who are on target to achieve an ATAR of 94 or above, can nominate themselves for a scholarship. Schools can also nominate their high achieving students for this scholarship. Successful students will receive $20,000, paid as $5,000 per annum over four years, or pro rata, once they become an enrolled student at ECU.

For further details and conditions, please visit ecuworldready.com.au/engineering

EMPLOYABILITY
Our collaboration with industry offers students the opportunity to develop strong industry contacts while completing their degree. Courses are developed and delivered in close consultation with industry, and all students enrolled in our engineering courses are required to undertake 12 weeks of practical work experience. Our focus on practical, hands-on learning gives students the confidence they need to succeed when heading into the workforce.

TECHNOLOGICALLY ADVANCED LABS
We pride ourselves on staying ahead of the curve when it comes to engineering education at ECU. Our labs are equipped with the latest technology, from robots and virtual reality gear, to advanced 3D printers and large-scale structural testing equipment. Many of our labs have been built in collaboration with industry, like our automation and control laboratory, developed in conjunction with Schneider Electric. We constantly invest in the expansion and maintenance of our world-class infrastructure, ensuring that your knowledge and skills remain aligned with industry needs and trends.

“If you want a well-rounded and practical experience, definitely study Engineering at ECU.”

My advice to students would be to study to get a job, not to get a degree. Maximise your opportunities to get experience that will get you a career. So for me, that was participating in Engineering societies, going overseas, joining the Vice-Chancellor’s forum and so forth. All of these gave me interpersonal skills and international experience.

I was also named the WA Young Professional Engineer of the Year 2018 at the Engineers Australia WA Engineering Excellence Awards.

If you want a well-rounded and practical experience, definitely study Engineering at ECU.

JORDAN BUTLER
ECU Civil Engineering graduate
ECU’s School of Medical and Health Sciences encompasses a number of exciting and diverse areas of study.

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 courses also provide a basis for honours and postgraduate studies, laying the groundwork for future careers in health and medicine.
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. As a member of the Elite Athlete Friendly University (EAFU) network, ECU aims to support elite athletes in achieving and balancing both their academic and sporting pursuits. 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 bodies in the teaching of health courses, providing an authentic learning experience.

HEALTH SCIENCE CAN OPEN DOORS

Health Science students can undertake two majors, or a major and minor, in the areas of Addiction Studies, Environmental Health, Environmental Management, Health Promotion, Nutrition, Nutrition Bioscience and Occupational Safety and Health. 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 WA. 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.

“I am so grateful I was able to do a practicum placement as it was significant to my success and it led to paid employment.”

I chose Nutrition and Health Promotion as I was interested in the idea of helping people become aware of how easy healthy eating could be and empowering vulnerable populations to make healthier choices.

The lecturers were engaging, knowledgeable and most importantly approachable, and I felt comfortable asking for help when I needed it.

The highlight of my degree was the practicum placement I undertook. I was able to use my knowledge in a practical setting and it kick-started my career, which led to a number of amazing opportunities. I am so grateful I was able to do a practicum placement as it was significant to my success and it led to paid employment.

Following on from this, I landed my dream job at Foodbank WA. This wouldn’t have been possible without help from my lecturers and the practicum placements that ECU offers.

REEARNA MORGAN
ECU Nutrition and Health Promotion graduate
ECU OFFERS A RANGE OF UNIQUE UNDERGRADUATE NURSING AND MIDWIFERY COURSES.

Our renowned nursing program is the largest in WA, while our nursing and midwifery dual degree program offers an innovative and broad study approach for scenario-based learning of nursing and midwifery. Courses provide 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.
INTERNATIONAL COMMUNITY PLACEMENTS
Our undergraduate programs offer nursing and midwifery students the opportunity to undertake a community placement overseas, where they work in a different healthcare system and experience health from a diverse cultural background. Currently, community placement opportunities are available in Vietnam, Nepal, Bhutan, Cambodia, India, South Africa, Philippines, Tanzania, China and Malawi.

MOTHERS ADOPTING MIDWIFERY STUDENTS (MAMS) PROGRAM
To consolidate the theory learnt in the classroom and to understand expectant new parents’ experiences of having a baby, all midwifery students participate in our Mothers Adopting Midwifery Students (MAMS) program. The MAMS program pairs students with pregnant women for their mutual benefit. The program offers invaluable learning opportunities outside of a ‘typical’ classroom setting, where students can develop both their clinical and interpersonal skills.

PARTNERSHIP PROGRAMS WITH A DIFFERENCE
Our Partnership Programs offer nursing and midwifery students the opportunity to undertake the majority of their practical placements in one hospital setting, allowing them access to helpful resources, as well as networking opportunities. These unique partnership programs are available at a range of healthcare facilities, including Sir Charles Gairdner Hospital, Osborne Park Hospital and North Metropolitan Mental Health Service.

PREPARATION FOR REAL-WORLD PRACTICE
ECU’s Bachelor of Science (Nursing) course includes a strong focus on changing health needs and provides a high level of practical education. This professionally accredited course focuses on the art and science of nursing across the health spectrum, preparing graduates for a range of nursing roles.

ECU’S OUTSTANDING HEALTH AND WELLNESS FACILITIES
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 skills in a variety of simulated scenarios, designed to increase the competence and confidence of students. The wards include 81 beds that simulate the real world healthcare environment and two dedicated midwifery practice areas.

ECU’S NURSING AND MIDWIFERY COURSES AVAILABLE AT OUR SOUTH WEST CAMPUSS
ECU’s Bachelor of Science (Nursing) and Bachelor of Science (Nursing)/Bachelor of Science (Midwifery) courses can also be studied at our South West Campus in Bunbury. The recently upgraded facilities are the most sophisticated in regional Western Australia. They include nursing and midwifery demonstration areas and a high dependency ward.

The technology and equipment utilised in Bunbury is the same as that featured at our Joondalup campus, ensuring that all ECU nursing and midwifery students have access to the same supportive learning environment.

“I chose ECU because it was the only university in WA to offer a dual degree in Nursing and Midwifery.”

I conducted most of my learning online and I never felt out of touch or disconnected. All my learning resources were easy to access, and I knew that my lecturers and tutors were just an email away. When I did attend campus, the facilities were great, clean and plenty of places to eat! The flexibility in the course allowed me to manage the workload that the midwifery aspect required of me, as well as allowing me to work at the same time. We also completed mandatory practicums every semester and I believe that these experiences provided me with the skills and confidence I needed to be accepted into the midwifery graduate program at my local hospital, which led to a permanent position.

JESSICA MCGARRY
ECU Nursing and Midwifery graduate
ECU’s School of Science offers a range of courses in the areas of science and computing & 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 highly respected globally. 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.
ADVANCED LABS
At ECU’s School of Science, students have access to labs equipped with the latest technology, from state-of-the-art mass spectrometry analytical equipment to the latest in computer technology.

In 2019 the school launched its brand new potting shed, glass house, mesocosm glass house and shade house with temperature control facilities which is being used for both teaching and research.

Mid 2019, sees the establishment of a multimillion dollar Security Operations Centre (SOC), providing students with a facility that allows operators to identify, classify and respond to computer security threats using real-time intelligence. Students moving into the cyber-security domain will benefit greatly from being exposed to this style of working environment.

Students will also benefit from a new $48 million science building that is already under development and scheduled for completion in time for Semester 1, 2020. The five-storey science building will include 2,800 sqm of purpose-built super-laboratories over two floors. At ECU, students get to learn on the latest equipment, so they can hit the ground running when they graduate.

SCIENCE EXCELLENCE SCHOLARSHIPS
High performing students can now take advantage of ECU Science Excellence Scholarships valued at $15,000, based on their ATAR. These scholarships are available for qualifying students wishing to undertake ECU’s science or computing & security courses. Successful students will receive $15,000, paid as $5,000 per year over 3 years, once they become an enrolled student at ECU.

For further details and conditions, please visit ecuworldready.com.au/science.

INTERNATIONAL STUDY
The world has become a global marketplace, and science has a big role to play. Which is why ECU offers students the opportunity to study abroad and work with international partners while completing their course. Some of the travel opportunities available include being hosted by ECU’s partner institutions in Singapore, Sri Lanka, China, Hong Kong, Japan, Thailand, Vietnam, the United Kingdom or the USA. You could even live and work in Dubai through ECU’s partnership with the Emirates group.

SCIENCE AT ECU
ECU’s School of Science offers a broad range of courses that give students the opportunity to specialise in specific fields or multi-skill across a combination of majors to increase their career options. Students can choose from courses that offer the opportunity to study across multiple disciplines, which can be combined to create a unique graduating skillset, or can study courses focusing on one particular area to become a specialist in that field.

EMPLOYABILITY
All undergraduate courses within the School of Science offer Work Integrated Learning opportunities with industry and government partners, allowing students to gain authentic work experience prior to graduating. There are also opportunities for paid and unpaid internships with a large number of organisations across the broad range of science and computing subjects offered by the School of Science. Even better, some of these internships can take you to other countries, providing you with truly international work experience. With an ECU science or computing degree, you will be ahead of the rest when you apply for a job, with a world class degree, backed by real world experience.

“I’ve always had an interest in the environment and chose ECU because it offers hands-on, job ready degrees.”

I’ve learnt so much from being out in the field and putting lecture content into practice. I’ve been lucky enough to get the opportunity to go on a two week study tour in the Gascoyne region of WA. I have also been involved in a number of volunteering opportunities with fisheries and parks and wildlife and these have been valuable learning experiences. I found the lecturers really passionate and knowledgeable about their study area. As part of our third year of study, we had field trips with government departments such as the Department of Parks and Wildlife. This experience is very useful when applying for jobs.

KENDRA CAMPBELL
ECU Marine and Freshwater Biology graduate
TEACHER EDUCATION

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 their own classroom.
ECU TEACHER EDUCATION AMONG BEST IN AUSTRALIA IN 2018 QILT RATINGS

ECU has been rated Australia’s top public university for teaching quality and overall education experience in the Teacher Education discipline in the 2018 QILT ratings. Our program conforms with the Federal Government requirements for nationally accredited initial teacher education programs.

REAL WORLD LEARNING IN SCHOOLS AND EARLY LEARNING CENTRES

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 learning centres, your study will focus on the needs of educational settings of today and will be supported through classroom-based experiences. You will have the opportunity to gain experience in diverse settings, including public, private, metropolitan, rural and remote schools, working with children from diverse economic, social, ethnic and educational circumstances. This ensures you will be prepared for your very own classroom when you graduate.

SPECIALISED SKILLS FOR EARLY CHILDHOOD AND PRIMARY TEACHERS

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 a win-win for our pre-service teachers and the young people they will go on to teach.

INTERNSHIP OPPORTUNITIES

ECU pre-service teachers may have the opportunity to study their entire final semester within one of our partner schools or early learning centres along with their final practicum placement. This opportunity is only available for those who are achieving strong results both academically and in professional practice, and it provides the chance to gain even more experience with a longer practicum component and networking opportunities.

OVERSEAS STUDY TOURS

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 Sri Lanka, UK, USA, Indonesia, Thailand, Canada and Bhutan. Our pre-service teachers have described this opportunity as one of the highlights of their course.

“ECU was a great place to study and I felt really confident and ready to go out into the workforce.”

I was working as an admin officer at The Association of Independent Schools and had worked closely with lots of passionate educators over the years. Seeing the impact that they have on young children’s lives inspired me to become a teacher myself.

I chose to study at ECU because of the reputation the School of Education has in the education community. The lecturers are well known for their research and contribution to early childhood education, both in WA and nationally.

The flexibility of part-time and online study was invaluable to me as I was working full-time whilst I studied.

ECU has a really authentic mix between theory and practice. I hadn’t really been around children very much and to think that I was able to walk into a classroom and just feel so at home and natural with them really made me realise how much I’d learnt.

ECU was a great place to study and I felt really confident and ready to go out into the workforce.

STACEY MCKENZIE
ECU Early Childhood Education graduate
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.
“The Arts Management degree gave me the skills and contacts required to form a fantastic career in the arts industry.”

In my role as Head of Media and Client Relations at AKA, my team and I formulate the strategy for and execute large and small scale end-to-end marketing campaigns for commercial theatre, not-for-profit theatre companies, galleries and museums, major events and a diverse range of other arts and entertainment forms. Having had exposure to all of these, WAAPA set me up to be confident in the industry, no matter what I have ended up working on. The networking opportunities with graduates who are leaders in their field and the intensive secondment program put me in both large and small organisations and allowed me to meet people who are now my close colleagues. Since leaving WAAPA I have worked alongside many Arts Management graduates who are now the top marketers, producers, development professionals and managers of all areas in the arts industry and we always have a strong bond.

JAMES ROBERTSON
WAAPA Arts Management graduate
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ABORIGINAL PERFORMANCE COURSE

Duration: 1 Year

Availability & Campus:
- JO
- ML
- BU
- OL

Full-Time

Part-Time

See more course information: ecuworldready.com.au/waapa

The Aboriginal Performance program prepares students in a range of acting and performance disciplines through teaching methods designed to recognise and refine the skills and potential of each individual. Students undergo intensive training in acting and improvisation, dance and stage movement, voice and singing, script analysis and the audition process.

Careers
Actor, Performer, Entertainer

ACCOUNTING MAJOR

This major can be studied in the following courses:
- W23 Bachelor of Commerce
- W24 Bachelor of Arts/Bachelor of Commerce
- W28 Bachelor of Laws/Bachelor of Commerce
- W27 Bachelor of Science/Bachelor of Commerce

Campus:
- JO
- ML
- BU
- OL

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
Chartered Accountants Australia and New Zealand (CAANZ), Chartered Institute of Management Accountants (CIMA), CPA Australia, and Institute of Public Accountants (IPA) have accredited the Accounting units in this unit set. Students completing this course can access Associate level membership of the IPA. This major is only accredited when taken in the Bachelor of Commerce or Bachelor of Commerce Professional.

Membership
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.

Employment Opportunities
Potential careers exist in public practice, industry and government, as well as consulting in areas such as auditing, financial accounting, management accounting, taxation and corporation law. In recent years, opportunities for accountants in allied business functions, such as treasury, superannuation, financial planning, corporate planning, mergers and acquisitions, corporate reconstructions and insolvency have also been increasing.

Careers
Accountant, Company Secretary, Corporate Accountant, Management Accountant, Practising Accountant, Public Accountant, Auditor, Tax Assessor/Planner

ACCOUNTING & FINANCE MAJOR

W23 Bachelor of Commerce

Campus:
- JO
- ML
- BU
- OL

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 including working for a large corporation, a new start-up, not-for-profit, or in government.

Professional Recognition
Chartered Accountants Australia and New Zealand (CAANZ), Chartered Institute of Management Accountants (CIMA), CPA Australia, and Institute of Public Accountants (IPA) have accredited the Accounting units in this unit set. Students completing this course can access Associate level membership of the IPA. This major is only accredited when taken in the Bachelor of Commerce or Bachelor of Commerce Professional.

Membership
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.

Employment Opportunities
Potential careers exist in public practice, industry and government, as well as consulting in areas such as auditing, financial accounting, management accounting, taxation, banking, financial advisory, financial planning, investment advisory and other financial consulting.
**Careers**  
Accountant, Company Secretary, Corporate Accountant, Management Accountant, Public Accountant, Auditor, Tax Assessor/Planner, Bank Officer, Investment Analyst

**ACTING COURSE**

**Bachelor of Arts (Acting)**

| Duration: | 3 Years |
| Availability & Campus: | JO ML BU OL |
| Full-Time |   |
| Part-Time |   |

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.

The course 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.

**Admission Requirements**

All applicants are required to 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

**Careers**

Actor, Entertainer, Performer

**ADDITION STUDIES MAJOR**

This major can be studied in the following courses:

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<td>W27</td>
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<tr>
<td>W32</td>
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See campus: JO ML BU OL

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.

**Non-Standard Timetable**

Two units within this major require students to attend on-campus classes. Students who are unable to attend classes may, with the permission of the Course Coordinator, substitute two online counselling units from the School of Arts and Humanities.

**Employment Opportunities**

There are interesting and dynamic addiction studies career pathways available in a range of health promotion agencies, not-for-profit organisations, research centres, welfare agencies, corrective services and the justice sector.

**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
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.

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
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.

For more information, see course details on our website.

Careers
Aeronautical Technologist, Mechanical Technologist

Applied Chemistry

This major can be studied in the following courses:

- Y83 Bachelor of Science
- K05 Bachelor of Science (Biomedical Science)
- W58 Bachelor of Arts/Bachelor of Science
- W32 Bachelor of Engineering Honours/Bachelor of Science
- W27 Bachelor of Science/Bachelor of Commerce

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

Careers
Public Servant, Government Adviser, International Consultant, Foreign Affairs Officer, Historian, Social Researcher, Heritage Consultant, Policy Analyst, Writer, Editor, Publisher, Visual Artist, Curator

Related Studies
Bachelor of Arts/Bachelor of Commerce
Bachelor of Arts/Bachelor of Media and Communication
Bachelor of Arts/Bachelor of Science
Bachelor of Laws/Bachelor of Arts

ARTS / COMMERCE COURSE
Bachelor of Arts/Bachelor of Commerce
Indicative ATAR: 70
Duration: 4 Years
Availability & Campus:

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See more course information:
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 are available in the following disciplines:
Creative and Professional Writing, English, Historical and Political Studies, Visual Arts

Clinical or professional work placement
In the core unit SAH3200 Industry and Community (which is mandatory for all those who enrol in the Bachelor of Arts), 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 capstone units and some 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 double degree provides students with lifelong transferable skills, equipping them for employment in a wide range of professions.
Clinical or professional work placement
In the core unit Industry and Community (SAH3200) – (which is mandatory for all those who enrol in the double degree) 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.

For more information, see course details on our website.

Employment Opportunities
This double degree provides students with lifelong transferable skills, equipping them for employment in a wide range of professions, including communication professions and for further study in a variety of disciplines.

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

Related Studies
Bachelor of Arts: Single degree comprising one half of the double degree. Students who are unable to complete the requirements of the Double Degree may be able to exit with a Bachelor of Arts, provided they have completed sufficient units to do so.

Bachelor of Commerce: Single degree comprising one half of the double degree. Students who are unable to complete the requirements of the Double Degree may be able to exit with a Bachelor of Commerce, provided they have completed sufficient units to do so.

See more course information: ecu.edu.au/courses/W62

This double degree enables students to succeed in today’s rapidly changing society in both critical and productive fields, 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 are available in the following disciplines:
Creative and Professional Writing, English, Historical and Political Studies, Visual Arts

Media and Communication majors are available in the following disciplines:
Advertising, Broadcasting and Digital Journalism, Media and Cultural Studies, Photomedia, Public Relations, Screen Production

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. The course 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 are available in the following disciplines:
Creative and Professional Writing, English, Historical and Political Studies, Visual Arts

Science majors are available in the following disciplines:
Applied Chemistry, Biological Sciences, Computer Science, Conservation Biology, 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.

Employment Opportunities
This course will provide students with lifelong transferable skills, equipping them for employment in a wide range of professions.

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

ARTS MANAGEMENT
Bachelor of Arts (Arts Management)

Indicative ATAR: 70
Duration: 3 Years
Availability & Campus:

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See more course information:
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.

Admission Requirements
All applicants are required to 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Work Experience
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.

For more information, see course details on our website.

Employment Opportunities
This course will provide students with lifelong transferable skills, equipping them for employment in a wide range of professions.

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

Bachelor of Aviation

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:

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See more course information: ecu.edu.au/courses/K99

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.

Employment Opportunities

This major allows students to plan their career path into a range of options within the aviation industry.

Careers

Flight Planner, Aviation Operations Controller, Load Controller, CASA Regulator, Fixed Based Operations Officer, Accident Investigator

BIOLOGICAL SCIENCE EDUCATION

This major can be studied in the following course:

Y68 Bachelor of Education (Secondary)

Campus:

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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.

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.

Employment Opportunities

Graduates will be eligible to seek employment in both government and non-government secondary schools teaching general science in lower secondary school and to take a specialist role in biological science courses in upper secondary school (Years 11 and 12).

Careers

Secondary Biological Science Teacher

AVIATION

This major can be studied in the following courses:

Y14 Bachelor of Counter Terrorism Security and Intelligence
W32 Bachelor of Engineering Honours/Bachelor of Science
Y83 Bachelor of Science
W27 Bachelor of Science/Bachelor of Commerce

Campus:

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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.

BIOLOGICAL SCIENCES

Bachelor of Science (Biological Sciences)

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:

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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
Biomedical Science

Bachelor of Science (Biomedical Science)

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:

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Full-Time

Part-Time

See more course information:
ecu.edu.au/courses/K05

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 are available in the following disciplines:
Applied Chemistry, Data Science, Forensic Science, Human Biology, Human Genetics

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

Employment Opportunities
Biomedical science is a continually changing, dynamic profession with long-term career prospects, including management, research, education and specialised laboratory work.

Careers
Audiology, Biochemistry Technician, Haematology Technician, Histology Technician, Laboratory Manager, Laboratory Technician, Medical Researcher, Microbiology Technician, Biomedical Technician

Related Studies
Bachelor of Medical Science

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.

Employment Opportunities
Graduates of the Bachelor of Biological Sciences have a diverse range of career opportunities available spanning across the biological sciences. A practical focus ensures graduates are ready for a range of positions in fields such as ecology, genetics and physiology, ecosystem monitoring and environmental impact assessment.

Careers
Biodiversity Manager, Biomedical Researcher, Nature Conservationist, Environmental Consultant, Zoologist, Botanist, Catchment Officer, Natural Resource Officer, Conservation Field Officer

Related Studies
Bachelor of Science/Bachelor of Commerce: A Biological Sciences major is available within this course.

Biological Sciences

This major can be studied in the following courses:

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<tr>
<th>Y83</th>
<th>Bachelor of Science</th>
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<td>Y14</td>
<td>Bachelor of Counter Terrorism Security and Intelligence</td>
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<td>W58</td>
<td>Bachelor of Arts/Bachelor of Science</td>
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<td>W32</td>
<td>Bachelor of Engineering Honours/Bachelor of Science</td>
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<td>W27</td>
<td>Bachelor of Science/Bachelor of Commerce</td>
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Campus:

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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.

Employment Opportunities
This major prepares graduates for professional employment in research, industry, teaching, government agencies and science-based businesses.

Careers
Biomedical Researcher, Nature Conservationist, Environmental Consultant, Botanist, Catchment Officer, Natural Resource Officer, Sanctuary Manager, Animal Biologist, Conservation Field Officer, Ecologist
BROADCASTING & DIGITAL JOURNALISM

This major can be studied in the following courses:

- W63 Bachelor of Media and Communication
- W62 Bachelor of Arts/Bachelor of Media and Communication

Campus:
- JO
- ML
- BU
- OL

Available on the Joondalup Campus
Available on the Mount Lawley Campus

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.

The major also focuses on building knowledge, developing research and analytical skills and acquiring practical skills for an ever-changing media landscape. There is a 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 Journalist
- Broadcaster
- Radio Reporter
- Producer
- Staff
- Film/Food/Music Reviewer
- Digital Content Television Presenter
- Digital Editor
- Political Media Journalist
- Broadcaster
- Radio Reporter
- Producer
- Staff
- Film/Food/Music Reviewer
- Digital Content

See more course information: ecu.edu.au/courses/Y50

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.

Admission Requirements
All applicants are required to have Mathematics: Specialist 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Work Experience
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.

For more information, see course details on our website.

Professional Recognition
Engineers Australia have accredited this course.
**Chemical Major**

This major can be studied in the following course:

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<tr>
<td>Y62</td>
<td>Bachelor of Technology (Engineering)</td>
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**Campus:**

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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.

**Employment Opportunities**

Employment opportunities exist in many sectors, including industry, government, universities, research centres and consulting firms.

**Careers**

Chemical Operator, Process Engineer, Process Safety Officer, Laboratory Technician

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**Children & Family Studies Major**

This major can be studied in the following course:

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<td>C58</td>
<td>Bachelor of Social Science</td>
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**Campus:**

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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**

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.

Students on practicum must observe professional practice rules.

For more information, see course details on our website.

**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.

**Employment Opportunities**
This major prepares graduates for a range of positions in the family support, early education and care, and community development field in local, state government and in the not-for-profit sector.

**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

**CIVIL ENGINEERING**

Bachelor of Engineering (Civil) Honours

**Indicative ATAR:** 82

**Duration:** 4 Years

**Availability & Campus:**

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*Applicants from South West WA will be able to study only the first year (up to eight foundation units) of this degree at ECU’s Bunbury Campus, which may include attending a short set of lab sessions at Joondalup Campus by the end of each semester. After completing these eight units, Bunbury students will need to attend ECU’s Joondalup Campus to complete the rest of their course. This option is only available for domestic students living in the South West region of WA.

**See more course information:**
ecu.edu.au/courses/Y13

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.

**Admission Requirements**
All applicants are required to have 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

**Work Experience**
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.

For more information, see course details on our website.

**Professional Recognition**
Engineers Australia have accredited this course.

**Employment Opportunities**
Graduates will have competencies in all major areas of civil engineering, and be able to participate in and lead complex, multidisciplinary projects. Civil engineers have strong employment opportunities in many sectors of industry, including road and transport, construction, mining and resource, public utilities, defence, and consulting.

**Careers**
Civil Engineer, Structural Engineer, Transportation Engineer, Geotechnical Engineer, Water Resource Engineer
Civil & Environmental Engineering

Bachelor of Engineering (Civil and Environmental) Honours

<table>
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**Availability & Campus:**

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Full-Time

Part-Time

*Applicants from South West WA will be able to study only the first year (up to eight foundation units) of this degree at ECU's Bunbury Campus, which may include attending a short set of lab sessions at Joondalup Campus by the end of each semester. After completing these eight units, Bunbury students will need to attend ECU's Joondalup Campus to complete the rest of their course. This option is only available for domestic students living in the South West region of WA.

**See more course information:**
ecu.edu.au/courses/Y28

This course 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.

**Admission Requirements**
All applicants are required to have 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

**Work Experience**
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.

For more information, see course details on our website.

**Professional Recognition**
Engineers Australia have provisionally accredited this course.

**Employment Opportunities**
Graduates will have competencies in both civil and environmental engineering, and be able to participate in and lead complex, multidisciplinary projects. Civil and environmental engineers have strong employment opportunities in many sectors of industry including infrastructure development projects (roads and transportation, urban development), public utilities (water supply, waste disposal), mining (planning and operations), and consulting (project management).

**Careers**
Civil Engineer, Environmental Engineer, Water Resource Engineer

**COMMERCE**

Bachelor of Commerce

| Indicative ATAR: | 70 |
| Duration: | 3 Years |

**Availability & Campus:**

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*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 will need to complete the remaining units online or at ECU’s Joondalup Campus.

**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 fourteen 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.

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 are available in the following disciplines:**

**Employment Opportunities**
The Bachelor of Commerce prepares students for a diverse range of business related careers. Students graduate with an evidence based career e-portfolio along with a situated learning experience, and learn how to apply the theoretical concepts studied in a practical and real world setting. Over the course of the degree students have the opportunity to undertake international study tours, work integrated learning opportunities and internships in their chosen field.

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

Bachelor of Commerce/
Bachelor of Arts (Psychology)

Indicative ATAR: 70
Duration: 4 Years

Availability & Campus:

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See more course information: ecu.edu.au/courses/W25

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.

A major is available in the following discipline: Human Resource Management

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

Employment Opportunities
Students graduate with an evidence based career e-portfolio along with a situated learning experience and learn how to apply the theoretical concepts studied in a practical and real world setting. Over the course of the degree students have the opportunity to undertake international study tours, work integrated learning and internships in their chosen field.

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

COMPUTER SCIENCE

Bachelor of Computer Science

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:

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See more course information: ecu.edu.au/courses/U6S

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 are available in the following disciplines: Cyber Security, Software Engineering

Professional Recognition
Australian Computer Society (ACS) have accredited this course.

Employment Opportunities
Students graduate with an evidence based career e-portfolio along with a situated learning experience and learn how to apply the theoretical concepts studied in a practical and real world setting. Over the course of the degree students have the opportunity to undertake international study tours, work integrated learning and internships in their chosen field.

Careers
Computer Programmer, Computer Support Officer, Application Developer, Mobile Application Developer, Systems Analyst, e-Commerce Developer, Software Engineer, Software Designer, Project Manager

Related Studies
Bachelor of Information Technology
Bachelor of Science (Cyber Security)
Bachelor of Engineering (Computer Systems) Honours/Bachelor of Computer Science
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.

Admission Requirements
All applicants are required to have 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Work Experience
Students are required to undertake a minimum of 12 weeks practical work experience in an engineering industry environment. There are attendance requirements for this work experience.

For more information, see course details on our website.

Professional Recognition
Engineers Australia have accredited this course.

Employment Opportunities
Employment opportunities include the development and design of microcomputer systems, computer networks, complex real-time systems, high performance processors, multimedia systems, and control and automation.

Careers
Computer Systems Engineer, Electronic Engineer, Embedded Systems Engineer
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.

Admission Requirements
All applicants are required to have 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. Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Work Experience
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. For more information, see course details on our website.

Professional Recognition
Engineers Australia have accredited this course.

Careers
Computer Systems Engineer, IT Professional, Software Engineer

CONSERVATION AND WILDLIFE BIOLOGY
Bachelor of Science (Conservation and Wildlife Biology)

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:

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and practice of conservation biology. Students benefit from a learning environment inspired by world class research academics with strong industry and government links.

**Employment Opportunities**
The strong practical focus ensures students are prepared for a diverse range of positions in government agencies, industries and non-government organisations that are concerned with biodiversity conservation or ecosystem management and assessment. Potential careers may include species conservation programs, policy development and management or surveying specific ecosystems (such as wetlands, forests, coastlines and arid regions).

**Careers**
Biodiversity Manager, Nature Conservationist, Environmental Consultant, Botanist, Wildlife Conservation Worker, Environmental Educator, Natural Resource Officer, Biologist, Environmental Management Officer

**Related Studies**
Bachelor of Science: A major in conservation biology is available within this course.
Bachelor of Science/Bachelor of Commerce: A Conservation Biology major is available within this course.

### CONSERVATION BIOLOGY MAJOR

This major can be studied in the following courses:

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<td>Y83</td>
<td>Bachelor of Science</td>
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<td>W58</td>
<td>Bachelor of Arts/Bachelor of Science</td>
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<td>W27</td>
<td>Bachelor of Science/Bachelor of Commerce</td>
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**Campus:**

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- OL

Focuses on the 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.

**Employment Opportunities**
This major is relevant to those seeking careers in government agencies, non-government organisations and industries that undertake environmental impact assessments and manage specific ecosystems (such as wetlands, forests, coastlines and arid regions) or species conservation programs.

**Careers**
Biodiversity Manager, Nature Conservationist, Environmental Consultant, Wildlife Conservation Worker, Environmental Educator, Sanctuary Manager, Natural Resource Officer, Biologist, Bushland Supervisor, Environmental Management Officer

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### COURSES & MAJORS

Available on the Joondalup Campus
Available on the Mount Lawley Campus

### CORRECTIONS

This major can be studied in the following courses:

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<th>Course Code</th>
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<td>G81</td>
<td>Bachelor of Criminology and Justice</td>
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<td>K30</td>
<td>Bachelor of Laws/Bachelor of Criminology and Justice</td>
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**Campus:**

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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.

**Employment Opportunities**
The criminal justice system is a popular career path, with employment opportunities in fields such as the court system, government and private prison systems, community-based corrections, and offender treatment programs. Employment opportunities also exist in community services, sociology and youth work, the public and private sector, Government agencies, research and universities, criminology, policy development, intelligence, crime analysis and restorative justice.

**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

### COUNSELLING COURSE

**Indicative ATAR:** 70

**Duration:** 3 Years

**Availability & Campus:**

- JO
- ML
- BU
- OL

- Full-Time
- Part-Time

**See more course information:**
ecu.edu.au/courses/C56

This course 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 are available in the following disciplines:**
Family and Child Support, Professional Youth Work

**Employment Opportunities**
This course prepares students for a range of entry-level human services positions which utilise counselling.

**Careers**
Entry-Level Counsellor, Client Liaison, Community Worker, Family Welfare Officer, Human Service Worker, Mental Health Worker, Pastoral Roles

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**COUNSELLING SKILLS**

Certificate in Counselling Skills

**Indicative ATAR:** Not applicable

**Duration:** 1 Year

**Availability & Campus:**

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**See more course information:**
ecu.edu.au/courses/T24

This non-award, non-AQF qualification course offers an introduction to counselling skills for those with practice experience. The focus of the course is on providing the conceptual underpinnings of counselling practice and developing a self-awareness – two practitioner capabilities essential to effective counselling in a community work context.

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**COUNTER TERRORISM SECURITY & INTELLIGENCE**

Bachelor of Counter Terrorism Security and Intelligence

**Indicative ATAR:** 70

**Duration:** 3 Years

**Availability & Campus:**

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**See more course information:**
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 are available in the following disciplines:**
Aviation, Biological Sciences, Criminology, Cyber Security, Law in Business, Management, Politics and International Relations, Professional Studies

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

**Employment Opportunities**
Graduates can access careers in national security, corporate security, defence, intelligence, government, policing and law enforcement, homeland security, justice, criminology, critical infrastructure protection, threat and risk assessment, security consultancy, corporate intelligence, counter terrorism, and security analysis.

**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

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**CREATIVE & PROFESSIONAL WRITING**

This major can be studied in the following courses:

- **W33** Bachelor of Arts
- **W62** Bachelor of Arts/Bachelor of Media and Communication
- **W57** Bachelor of Arts/Bachelor of Commerce
- **W58** Bachelor of Arts/Bachelor of Science
- **Y67** Bachelor of Laws/Bachelor of Arts

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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 nonfiction, while also gaining an understanding of important legal, ethical and practical elements of editing and publishing.

**Employment Opportunities**
Graduates are able to seek employment in the expanding communications sector, as well as opportunities for freelance writing work.

**Careers**
Writer, Editor, Scriptwriter, Journalist, Publisher, Poet, Novelist, Playwright, Reviewer, Commentator
CRIMINOLOGY MAJOR

This major can be studied in the following course:

Y14 Bachelor of Counter Terrorism Security and Intelligence

Campus:

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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

CRIMINOLOGY & JUSTICE COURSE

Bachelor of Criminology and Justice

Indicative ATAR: 70

Duration: 3 Years

Availability & Campus:

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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 are available in the following disciplines:

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

Employment Opportunities

Students gain a significant background in the contemporary theory and research that informs criminology and justice professions.

They also develop professional skills required for employment in criminology and justice, including Indigenous cultural responsiveness.

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

Related Studies

Bachelor of Laws/Bachelor of Criminology and Justice

CRIMINOLOGY & JUSTICE COURSE

Associate Degree in Criminology and Justice

Indicative ATAR: 70

Duration: 2 Years

Availability & Campus:

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See more course information: ecu.edu.au/courses/C25

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.

Admission Requirements

All applicants are required to 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

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

Practicum

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.

For more information, see course details on our website.
Employment Opportunities
This course links closely with the WA Police Academy and the Department of Corrective Services, giving students the opportunity to participate in relevant practical training and providing a career pathway into policing or corrections.

The course also provides a unique career development opportunity for those working in the area of policing, security, public safety, custodial corrections or community corrections. Students are able to apply their existing knowledge of policing and/or offender management to their learning and develop their academic literacy skills with a high level of support. These skills include understanding and applying research, academic writing and critical thinking.

Careers
Police Officer, Community Corrections Officer, ParOLE Officer, Youth Justice Officer, Research & Policy Officer

Related Studies
Bachelor of Laws/Bachelor of Criminology and Justice

CYBER SECURITY MAJOR
This major can be studied in the following courses:

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<td>U65</td>
<td>Bachelor of Computer Science</td>
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<td>Y14</td>
<td>Bachelor of Counter Terrorism Security and Intelligence</td>
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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.

Employment Opportunities
Careers opportunities exist in the field of cyber security, including areas such as network security engineer, computer forensics analyst, information warfare analyst, cryptography, information security officer and information security analyst.

Careers

DANCE COURSE
Bachelor of Arts (Dance)

Duration: 3 Years

Availability & Campus:

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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.
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. Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Employment Opportunities
This course encourages students to pursue individual goals as dance artists, choreographers, teachers, or researchers.

Careers
Contemporary Dancer, Choreographer, Dance Teacher, Entertainer

DATA SCIENCE
This major can be studied in the following courses:

| Y83 | Bachelor of Science |
| K05 | Bachelor of Science (Biomedical Science) |
| W58 | Bachelor of Arts/Bachelor of Science |
| W32 | Bachelor of Engineering Honours/Bachelor of Science |
| W27 | Bachelor of Science/Bachelor of Commerce |

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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.

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

DESIGN
Bachelor of Design
Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:

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Full-Time

Part-Time

See more course information:
ecu.edu.au/courses/W64

In this course students can specialise in one of three areas: Fashion, working fundamentally with garment as a site of expression and signifier of self that can carry narratives and reference histories; Visual and Spatial Design, making visual and spatial products, services and environments through graphic and spatial design thinking to improve communities; or Games and Interactive Design, creating 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 are available in the following disciplines: Fashion, Games and Interactive Design, Visual and Spatial Design

Professional work placement
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 unit (SAH3200)
Developing Sustainable Communities

This major can be studied in the following course:

- **C55** Bachelor of Sustainability

**Campus:**

- JO ML BU OL

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.

Possible future job titles

- Sustainability Officer, Sustainability Practitioner, Sustainability Consultant, Government Officer, Scientific Adviser

Drama Education

This major can be studied in the following course:

- **Y68** Bachelor of Education (Secondary)

**Campus:**

- JO ML BU OL

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.

Employment Opportunities

Graduates will be eligible to seek employment in both government and non-government secondary schools teaching Drama.

**Careers**

- Secondary Drama Teacher

Design & Technology Education

This major can be studied in the following course:

- **Y68** Bachelor of Education (Secondary)

**Campus:**

- JO ML BU OL

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.

Employment Opportunities

Graduates will be eligible to seek employment in both government and non-government secondary schools teaching Design and Technology.

**Careers**

- Secondary Design and Technology Teacher
**ELECTRICAL & RENEWABLE ENERGY ENGINEERING**

Bachelor of Engineering (Electrical and Renewable Energy) Honours

**Indicative ATAR:** 82

**Duration:** 4 Years

**Availability & Campus:**

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*Applicants from South West WA will be able to study only the first year (up to eight foundation units) of this degree at ECU's Bunbury Campus, which may include attending a short set of lab sessions at Joondalup Campus by the end of each semester. After completing these eight units, Bunbury students will need to attend ECU's Joondalup Campus to complete the rest of their course. This option is only available for domestic students living in the South West region of WA.

**See more course information:**
ecu.edu.au/courses/W21

Electrical and renewable energy engineering is a specialisation within electrical engineering concerning the generation of electrical power from a wide range of sources, and with a special focus on renewable energy sources. This includes solar, wind, hydro, biomass and geothermal, and the integration of these energy sources into hybrid energy supply and distribution networks. The course provides graduates with strong competencies in the fundamental electrical engineering discipline areas with particular focus on the utilisation, generation, management and design of renewable energy resources.

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 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.

**Admission Requirements**

All applicants are required to have 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.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

**Work Experience**

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.

For more information, see course details on our website.

**Professional Recognition**

Engineers Australia have provisionally accredited this course.

**Employment Opportunities**

Electrical and renewable energy engineers have a wide range of employment opportunities across the energy generation, conversion, distribution and management sectors, including power utilities, the mining industry, larger manufacturing businesses as well as the domestic markets where renewable energy systems are now quite common.

**Careers**

Electrical Engineer, Power Systems Engineer, Renewable Energy Engineer

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**ELECTRICAL POWER ENGINEERING**

Bachelor of Engineering (Electrical Power) Honours

**Indicative ATAR:** 82

**Duration:** 4 Years

**Availability & Campus:**

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*Applicants from South West WA will be able to study only the first year (up to eight foundation units) of this degree at ECU's Bunbury Campus, which may include attending a short set of lab sessions at Joondalup Campus by the end of each semester.
each semester. After completing these eight units, Bunbury students will need to attend ECU’s Joondalup Campus to complete the rest of their course. This option is only available for domestic students living in the South West region of WA.

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.

Admission Requirements
All applicants are required to have 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Work Experience
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.

For more information, see course details on our website.

Professional Recognition
Engineers Australia have accredited this course.

Employment Opportunities
Electrical power engineers have diverse employment opportunities in most sectors of industry, including public utilities, renewable energy, mining and resource, manufacturing, defence, aerospace, chemical and pharmaceutical, and consulting.

Careers
Electrical Engineer, Power Systems Engineer, Electrical Power Engineer

ELECTRICAL POWER ENGINEERING MAJOR

This major can be studied in the following courses:

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<th>Course Code</th>
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<tr>
<td>W26</td>
<td>Bachelor of Engineering Honours/ Bachelor of Commerce</td>
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<tr>
<td>Y66</td>
<td>Bachelor of Engineering Honours/ Bachelor of Laws</td>
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<tr>
<td>W32</td>
<td>Bachelor of Engineering Honours/ Bachelor of Science</td>
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Campus:

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Electrical power engineering is a well-established engineering discipline encompassing electrical power generation, transmission and distribution, power electronics, electromechanical systems and renewable energy. Students gain in-depth knowledge of electrical and electronic engineering, and specialist skills in design, development and management of advanced and sustainable electrical power generation and transmission systems.

Professional Recognition
Engineers Australia have accredited this unit set.

Employment Opportunities
Electrical power engineers have diverse employment opportunities in most sectors of industry, including public utilities, renewable energy, mining and resource, manufacturing, defence, aerospace, chemical and pharmaceutical, and consulting.

Careers
Electrical Engineer, Power Systems Engineer, Electrical Power Engineer
**Electronics & Communications Engineering**

Bachelor of Engineering (Electronics and Communications) Honours

- **Indicative ATAR:** 82
- **Duration:** 4 Years

**Availability & Campus:**

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See more course information:

[ecu.edu.au/courses/Y51](http://ecu.edu.au/courses/Y51)

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.

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 the electronics and communication systems engineering fields are covered to prepare students to enter their chosen profession with relevant knowledge and skills.

---

**Electrical Major**

This major can be studied in the following course:

**Y62 Bachelor of Technology (Engineering)**

**COURSE**

- **Electronics & Communications Engineering**
- **Bachelor of Technology (Electronics and Communications) Honours**

- **Indicative ATAR:** 70
- **Duration:** 3 Years

**Availability & Campus:**

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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.

**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**

Students are required to undertake a minimum of 8 weeks practical work experience in an engineering technology industry environment. There are attendance requirements for this work experience.

For more information, see course details on our website.

**Careers**

Electronics Technologist, Computer Systems Technologist
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.

Admission Requirements
All applicants are required to have 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.
Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Work Experience
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.
For more information, see course details on our website.

Professional Recognition
Engineers Australia have accredited this course.

Employment Opportunities
Employment opportunities exist in most sectors of industry, including communication and telecommunication, product development, fabrication, public utilities, mining and resource, defence, aerospace, and consulting.

Careers
Electronics Engineer, Communications Engineer

Electronics & Communications Engineering MAJOR
This major can be studied in the following courses:

- W26 Bachelor of Engineering Honours/Bachelor of Commerce
- Y66 Bachelor of Engineering Honours/Bachelor of Laws
- W32 Bachelor of Engineering Honours/Bachelor of Science

Campus:

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Combines the fundamental engineering disciplines of electronic systems and communication systems to provide students with skills in all aspects of analog and digital circuit design and communications systems development. The major concentrates on the engineering principles required to analyse and solve problems related to the design and implementation of electronic and communication systems. Students gain in-depth knowledge of fundamental physical sciences, electronic circuits and systems, digital signal processing, power electronics, fibre optic and microwave communications, computer networking and cellular and wireless networks.

Professional Recognition
Engineers Australia have accredited this unit set.

Employment Opportunities
Employment opportunities exist in most sectors of industry, including communication and telecommunication, product development, fabrication, public utilities, mining and resource, defence, aerospace, and consulting.

Careers
Electronics Engineer, Communications Engineer

Electronics & Communications Engineering MAJOR
This major can be studied in the following course:

- Y62 Bachelor of Technology (Engineering)

Campus:

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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.

Engineering Science COURSE
Bachelor of Engineering Science

Indicative ATAR: 92
Duration: 3 Years

Availability & Campus:

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Full-Time

Part-Time

*Applicants from South West WA will be able to study only the first year (up to eight foundation units) of this degree at ECU’s Bunbury Campus, which may include attending a short set of lab sessions at Joondalup Campus by the end of each semester. After completing these eight units, Bunbury students will need to attend ECU’s Joondalup Campus to complete the rest of their course. This option is only available for domestic students living in the South West region of WA.

See more course information: ecu.edu.au/courses/K94
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.

**Admission Requirements**

All applicants are required to have 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

**Engineering Technology**

Bachelor of Technology (Engineering)

- **Indicative ATAR:** 70
- **Duration:** 3 Years

**Availability & Campus:**

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**See more course information:**

edu.au/courses/Y62

Suitable for students who may not achieve the entrance requirements for the Bachelor of Engineering Honours but who aspire to have a career in an engineering-related area. This course can also be used as a pathway to the Bachelor of Engineering Honours courses.

**Majors are available in the following disciplines:**

- Chemical
- Civil
- Electrical
- Electronics and Communications
- Mechanical

**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**

Students must undertake a Technology Practicum, which requires 8 weeks of approved work experience. For more information, see course details on our website.

**Employment Opportunities**

Graduates of the course will find employment opportunities in engineering and technology related industries.

**Careers**

- Engineering Technologist, Engineering Technician

**Engineering / Commerce**

Bachelor of Engineering Honours/Bachelor of Commerce

- **Indicative ATAR:** 82
- **Duration:** 5 Years

**Availability & Campus:**

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**See more course information:**
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.

**Engineering majors are available in the following disciplines:**

- Chemical Engineering
- Civil Engineering
- Computer Systems
- Electrical Power
- Electronics and Communications
- Instrumentation Control and Automation
- Mechanical Engineering
- Mechatronics

**Commerce majors are available in the following disciplines:**

- Finance
- Human Resource Management
- International Business
- Management
- Marketing
- Project Management

**Admission Requirements**

All applicants are required to have 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.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

**Work Experience**

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. For more information, see course details on our website.

**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

**Admission Requirements**

All applicants are required to have 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

**Work Experience**

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. For more information, see course details on our website.

**Professional Recognition**

Engineers Australia have accredited this course.

**Professional Recognition**

Engineers Australia have accredited this course.

**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. The Bachelor of Laws degree (LLB) satisfies the academic requirements for the admission as a legal practitioner in Western Australia and is Professionally Accredited by the Legal Practice Board of Western Australia. For information about the admission process and the additional requirements that must be completed to be eligible for admission, contact the Legal Practice Board of Western Australia.

**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.

**Employment Opportunities**

Graduates of this program will be able to practise in areas where both technical and legal knowledge is applied to the analysis of complex legal issues dealing with elements of design, construction and operation of engineering systems, operations and management, and intellectual property.

The knowledge and skills required of a lawyer in a technologically advancing society are more challenging and intellectually adventurous than they have ever been. This program gives graduates the edge to conduct court work as a legal practitioner dealing with multi-national corporations on advanced technological issues in an international context. The program
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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Work Experience
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. For more information, see course details on our website.

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

English

This major can be studied in the following courses:

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<th>Course Code</th>
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<tr>
<td>W33</td>
<td>Bachelor of Arts</td>
</tr>
<tr>
<td>W62</td>
<td>Bachelor of Arts/Bachelor of Media and Communication</td>
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<tr>
<td>W57</td>
<td>Bachelor of Arts/Bachelor of Commerce</td>
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<tr>
<td>W58</td>
<td>Bachelor of Arts/Bachelor of Science</td>
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<tr>
<td>Y67</td>
<td>Bachelor of Laws/Bachelor of Arts</td>
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Campus:

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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.

Employment Opportunities
The major successfully prepares the graduate for a diverse range of careers requiring communication skills, critical thinking and considered analysis.

Careers
Author, Biographer, Government Adviser, Journalist, Overseas Aid Worker, Politician, Press Secretary, Public Servant, Publicist, Publisher, Community Service Professional, Marketing Manager
Environmental Health

COURSE

Diploma of Environmental Health
Indicative ATAR: Not applicable
Duration: 1 Year
Availability & Campus:

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See more course information: ecu.edu.au/courses/C54

Prepares students to make a positive contribution to the health of communities. Students graduate with the ability to think critically about prevention and control of communicable and environmental disease and a range of other environmental health issues, to work independently and as part of a team, and plan and coordinate environmental health projects.

Practicum
Students undertake a professional placement unit which comprises a 140 hour placement in an environmental health department. There are attendance requirements for this practicum. Students on practicum must observe professional practice rules.

Clearance and/or Risk Management Protocols Required
Students will be required to sign contracts and ensure duty of care and insurance issues are covered. For more information, see course details on our website.

Non-Standard Timetable
On-campus students: Two units HST2114 and HST2184 are only available to study online.

Online students: Students will be required to attend a 140 hours of practicum with Local Government Authorities, and State Government Agencies.

Employment Opportunities
Graduates will be employable in State Government, Shire and City health departments in a support role to Environmental Health Officers.

Careers
Environmental Health Assistant, Environmental Health Cadet, Environmental Health Technical Officer

Environmental Health

MAJOR
This major can be studied in the following course:

K97 Bachelor of Health Science

Campus:

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Designed to develop skills in the quantification and assessment of environmental health risks and public health safety.

Professional Recognition
Environmental Health Australia (EHA) have accredited this unit set.

Membership
Graduates are eligible to apply for membership with the Environmental Health Australia.

Practicum
Students undertake a professional placement unit which comprises a 140 hour placement in an environmental health department. There are attendance requirements for this practicum. Students on practicum must observe professional practice rules.

Clearance and/or Risk Management Protocols Required
Students will be required to sign contracts and ensure duty of care and insurance issues are covered. For more information, see course details on our website.

Non-Standard Timetable
This major is studied online, however laboratory-based units require on-campus attendance.

Employment Opportunities
Designed for students who wish to be employed as environmental health officers in Australia.

Careers
Environmental Health Officer

English Education

MAJOR
This major can be studied in the following course:

Y68 Bachelor of Education (Secondary)

Campus:

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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.

Employment Opportunities
Graduates will be eligible to seek employment in both government and non-government secondary schools teaching English.

Careers
Secondary English Teacher
**ENVIRONMENTAL MANAGEMENT**

Bachelor of Science (Environmental Management)

*Indicative ATAR: 70*
*Duration: 3 Years*

**Available & Campus:**
- JO
- ML
- BU
- OL

**Careers**
- Environmental Officer
- Environmental Consultant
- Catchment Officer
- Natural Resource Officer
- Conservation Field Officer
- Land Management Officer
- Environmental Consultant
- Landcare Officer

**Related Studies**
- Bachelor of Science: An Environmental Management major is available in this course.
- Bachelor of Science/Bachelor of Commerce: An Environmental Management major is available within this course.

**ENVIRONMENTAL MANAGEMENT**

This major can be studied in the following courses:

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<tr>
<td>Y83</td>
<td>Bachelor of Science</td>
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<td>K97</td>
<td>Bachelor of Health Science</td>
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<td>W58</td>
<td>Bachelor of Arts/Bachelor of Science</td>
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<tr>
<td>W32</td>
<td>Bachelor of Engineering Honours/Bachelor of Science</td>
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<tr>
<td>W27</td>
<td>Bachelor of Science/Bachelor of Commerce</td>
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**Campus:**
- JO
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- OL

**Employment Opportunities**

Designed for students who want to develop a specialisation in the area of environmental management, including sustainable management of natural areas and urban landscapes.

**EVENT MANAGEMENT**

This major can be studied in the following courses:

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<tr>
<td>W23</td>
<td>Bachelor of Commerce</td>
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<tr>
<td>K93</td>
<td>Bachelor of Hospitality and Tourism Management</td>
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<tr>
<td>Y29</td>
<td>Bachelor of International Hotel and Resort Management</td>
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<tr>
<td>W24</td>
<td>Bachelor of Arts/Bachelor of Commerce</td>
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**Campus:**
- JO
- ML
- BU
- OL

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

**Employment Opportunities**

Career opportunities for graduates exist within a range of professional, not-for-profit, government and commercial sport, recreation, hospitality, tourism, arts and corporate organisations at local, state, national and international levels. Within these types of organisations, your role may involve managing aspects of marketing, communications, sponsorship, public relations, sales, venues, equipment, staging, logistics or the hiring, training and supervising of staff related to the management of events.

**Careers**
- Event Manager
- Events Coordinator
- Events Officer
- Events Business Manager
- Events Operation Manager
- Events Consultant
- Conference Manager
- Wedding Planner
- Party Planner
EXERCISE & SPORTS SCIENCE COURSE

Bachelor of Science (Exercise and Sports Science)

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:

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*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.

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 are available in the following disciplines:
- Football Performance
- Health Promotion
- Nutrition
- Occupational Safety and Health
- Sport Business

Practicum
Students are required to complete practicum units as part of this course. There may be attendance requirements for these practicums.

Clearance and/or Risk Management Protocols Required
Prior to external placement, a risk management process must occur, including health and safety obligations, and a site visit (if practicable and reasonable). If an ongoing collaboration is approved by both parties, an official agreement contract is drafted between the University and the external agency.

Prior to placement, students must submit evidence of a Working with Children Check (where necessary) and a Cardio Pulmonary Resuscitation (CPR) First Aid Certificate. For more information, see course details on our website.

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.

Registration
Students will need to graduate to be eligible to register with the Exercise & Sports Science Australia (ESSA). Please refer to the following website for information regarding the ESSA registration process: www.essa.org.au/education-providers/accreditedcourses/accreditation-full

Employment Opportunities
Graduates have successful careers in specialty areas such as exercise rehabilitation, sports administration, teaching, sports coaching, exercise science, strength and conditioning, corporate fitness, workplace health, sports development and sports performance analysis.

Careers
Exercise Scientist, Exercise Physiologist, Biomechanist, Personal Trainer, Sports Coach, Sports & Exercise Scientist, Researcher, Strength & Conditioning Coach, Sports Medicine Trainer

Related Studies
Bachelor of Science (Exercise Science and Rehabilitation): Students may be able to complete a fourth year of study in the Bachelor of Science (Exercise Science and Rehabilitation), upon completion of a recommended set of electives.

EXERCISE & SPORTS SCIENCE / COMMERCE (SPORT BUSINESS)

Bachelor of Science (Exercise and Sports Science)/Bachelor of Commerce (Sport Business)

Indicative ATAR: 70
Duration: 4 Years

Availability & Campus:

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See more course information: ecu.edu.au/courses/W31

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 and 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 are available in the following discipline:**
- **Sport Business**

**Clinical or professional work placement**
For unit SPM1102: Students will undertake a 20 hour work placement in a not-for-profit, incorporated sport organisation/club.
For unit SPM2104: Students will undertake a 25 hour work placement in a staffed, recreation facility setting.

There are attendance requirements for these clinical or professional work placements.

**Practicum**
For unit SPS3112 Exercise and Sports Science Practicum: Students are required to undertake a 140 hour work placement in an exercise and sports science related industry.
For unit SPS2524 Exercise Delivery: Students are required to undertake 30 hours during an internal practicum.

**Clearance and/or Risk Management Protocols Required**
Prior to external placement, a risk management process must occur, including health and safety obligations, and a site visit (if practicable and reasonable). If an ongoing collaboration is approved by both parties, an official agreement contract is drafted between the University and the external agency. Prior to placement, students must submit evidence of a Working with Children Check (where necessary) and a Cardio Pulmonary Resuscitation (CPR) Certificate and First Aid.

Some organisations may require clearances, screenings and certificates, and will liaise directly with students regarding any requirements. Students on clinical or professional work placement must observe professional practice rules.

For more information, see course details on our website.

**Employment Opportunities**
Potential career opportunities exist for managers within a range of global sport organisations and businesses, including the diverse areas of professional sport organisations, national and state sport associations, high performance sports centres, health and wellness case management, private exercise, fitness, sport and rehabilitation franchise operations, personal training businesses, and elite and high performance sport organisations.

**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

**Exercise Science & Rehabilitation**

Bachelor of Science (Exercise Science and Rehabilitation)

**Indicative ATAR:** 80
**Duration:** 4 Years

**Availability & Campus:**

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**See more course information:**
[ecu.edu.au/courses/M90](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.

**Admission Requirements**
All 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.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

**Practicum**
For unit SPM1102: Students will undertake a 20 hour work placement in a not-for-profit, incorporated sport organisation/club.
For unit SPM2104: Students will undertake a 25 hour work placement in a staffed, recreation facility setting.

There are attendance requirements for these clinical or professional work placements.

For unit SPS3112 Exercise and Sports Science Practicum: Students are required to undertake a 140 hour work placement in an exercise and sports science related industry.
For unit SPS2524 Exercise Delivery: Students are required to undertake 30 hours during an internal practicum.

Clearance and/or Risk Management Protocols Required
Prior to external placement, a risk management process must occur, including health and safety obligations, and a site visit (if practicable and reasonable). If an ongoing collaboration is approved by both parties, an official agreement contract is drafted between the University and the external agency. Prior to placement, students must submit evidence of a Working with Children Check (where necessary) and a Cardio Pulmonary Resuscitation (CPR) Certificate and First Aid.

Some organisations may require clearances, screenings and certificates, and will liaise directly with students regarding any requirements. Students on clinical or professional work placement must observe professional practice rules.

For more information, see course details on our website.
**Clearance and/or Risk Management Protocols Required**
Prior to external placements, a risk management process must occur, including health and safety obligations, and a site visit (if practicable and reasonable). If an ongoing collaboration is approved by both parties, an official agreement contract is drafted between the University and the external agency. Prior to the clinical placement in the fourth year of study, students are required to submit evidence of the following:
- National Police Clearance Certificate
- National Criminal History Record Check
- Working with Children Check (where necessary)
- Cardio Pulmonary Resuscitation (CPR)

**Professional Recognition**
Exercise and Sports Science Australia (ESSA) have accredited this course.

**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. Please refer to the following website for information regarding the ESSA registration process: www.essa.org.au/education-providers/accreditedcourses/accreditation-full

**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

**FAMILY & CHILD SUPPORT MAJOR**
This major can be studied in the following courses:
- CS6 Bachelor of Counselling
- G81 Bachelor of Criminology and Justice

**Campus:**

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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**
This major includes one year-long professional placement that needs to be undertaken in the third year of study. There are attendance requirements for this practicum.

**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.

Students on practicum must observe professional practice rules.

For more information, see course details on our website.

**Employment Opportunities**
Prepares graduates for a range of positions in the field of family and child support. Graduates can expect to access positions such as coordinators of family support and early intervention programs in various local and state government agencies and in the not-for-profit sector.

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

**FASHION MAJOR**
This major can be studied in the following course:
- W64 Bachelor of Design

**Campus:**

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This major 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.
**FOOTBALL PERFORMANCE MAJOR**

This major can be studied in the following course:

**M89 Bachelor of Science (Exercise and Sports Science)**

**Campus:**

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Allows 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.

**Employment Opportunities**

Prepares students for professional roles in a variety of positions in the private and government sectors which require personnel with high levels of competence in the area of exercise and sports science. Graduates may pursue careers as a football sports scientist, football performance analyst, football strength and conditioning coach, or in areas such as sports coaching, sports administration and strength and conditioning.

**Careers**


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**FORENSIC SCIENCE MAJOR**

This major can be studied in the following course:

**K05 Bachelor of Science (Biomedical Science)**

**Campus:**

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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-world 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.
Employment Opportunities
Employment opportunities exist in policing, criminal investigations, justice, health, pathology and chemical laboratories.

Careers
Forensic Investigator, Laboratory Technician, Forensic Laboratory Technician, Scene-of-Crime Technician

GAMES & INTERACTIVE DESIGN MAJOR

This major can be studied in the following course:

W64 Bachelor of Design

Campus:

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This major 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
This unit set 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 process 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.

For more information, see course details on our website.

Employment Opportunities
Employment opportunities include the development and design of games, game concepts, game scenarios, e-learning materials, websites, digital media, multimedia systems, digital content development, and digital design project management.

Careers
Game Concept Artist, Game Evaluator, Educational Game Designer, Game Level Designer, Game Researcher, Web Designer, Web Developer, Interface Designer, Interaction Designer, Digital Media Manager

HEALTH & PHYSICAL EDUCATION MAJOR

This major can be studied in the following course:

Y68 Bachelor of Education (Secondary)

Campus:

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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.

Employment Opportunities
Graduates will be eligible to seek employment in both government and non-government secondary schools teaching Health and Physical Education.

Careers
Secondary Health and Physical Education Teacher

HEALTH MANAGEMENT MAJOR

This major can be studied in the following course:

W23 Bachelor of Commerce

Campus:

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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 is a gap in desired competencies in the intersection between management and health.

Employment Opportunities
Graduates will be equipped for entry level roles and middle management roles in health care environments, including in hospital settings, aged care facilities, clinics, outpatient facilities, businesses, schools and community centres.

Careers
Hospital Administrator, Facility Manager, Regional Manager, Nurse Unit Manager, Allied Health Manager, Clinical Nurse Manager and Corporate Services Manager.
HEALTH PROMOTION

This major can be studied in the following courses:

K97 Bachelor of Health Science
Y83 Bachelor of Science
MB9 Bachelor of Science (Exercise and Sports Science)
W27 Bachelor of Science/Bachelor of Commerce
W32 Bachelor of Engineering Honours/Bachelor of Science

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 (majors 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.

Employment Opportunities
There are dynamic career pathways available for working as a Health Promotion practitioner with communities and across Government, not-for-profit organisations and other workplaces where wellness and safety is valued.

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

HEALTH SCIENCE

Bachelor of Health Science

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:

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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 are available in the following disciplines:
Addiction Studies, Environmental Health, Environmental Management, Health Promotion, Nutrition, Nutrition Bioscience, Occupational Safety and Health

Practicum
Students are required to complete a Professional Practice unit as part of the course. There are attendance requirements for this practicum. Students on practicum must observe professional practice rules. For more information, see course details on our website.

Clearance and/or Risk Management Protocols Required
Risk management processes will be followed for all practicum placements. Police clearance and health screenings are unlikely, however may be applicable to certain work placements. A Working with Children Check may also be applicable for some placements.

Non-Standard Timetable
Some majors can only be studied on-campus. Students should refer to the delivery options listed against each major for further details. The following major is available online but requires on-campus attendance: Environmental Health.
**Employment Opportunities**
Employment opportunities exist within a range of workplaces, including aged care facilities and hospitals, rural and regional settings, asthma/diabetes/cancer/injury prevention councils, heart foundations, family planning associations, alcohol and other drug agencies, mining, oil and gas industries, community development and local government organisations, disability services, justice and correctional agencies, research institutes, international aid organisations, and mental health support agencies.

**Careers**
Community Health Officer, Environmental Health Officer, Youth Worker, Child Health Officer, Health Promotion Officer, Health Worker, Nutritionist, Health Promotion Nutritionist, Occupational Safety and Health Management Officer

**Prior Study**
Diploma of Environmental Health

**HISTORICAL & POLITICAL STUDIES MAJOR**

This major can be studied in the following courses:

- **W33** Bachelor of Arts
- **W62** Bachelor of Arts/Bachelor of Media and Communication
- **W57** Bachelor of Arts/Bachelor of Commerce
- **W58** Bachelor of Arts/Bachelor of Science
- **Y67** Bachelor of Laws/Bachelor of Arts

**Campus:**

- **JO**
- **ML**
- **BU**
- **OL**

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.

**Employment Opportunities**
This major is useful for a wide range of careers including the public service, journalism, policy/research positions with political parties, and with national and international non-government agencies.

**Careers**
Research/Policy Officer, Journalist, State/Federal Member of Parliament Employee, Diplomatic Servant, Historian, Researcher, Politician, Public Servant, Policy Analyst, Political Staffer, Consultant, Mining Company Analyst, Historical Film Advisor, Heritage Consultant, Teacher

**HOME ECONOMICS EDUCATION MAJOR**

This major can be studied in the following course:

- **Y68** Bachelor of Education (Secondary)

**Campus:**

- **JO**
- **ML**
- **BU**
- **OL**

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.

**Employment Opportunities**
Graduates will be eligible to seek employment in both government and non-government secondary schools teaching Home Economics.

**Careers**
Secondary Home Economics Teacher

**HOSPITALITY & TOURISM MANAGEMENT COURSE**

Bachelor of Hospitality and Tourism Management

**Indicative ATAR:** 70

**Duration:** 3 Years

**Availability & Campus:**

- **Full-Time**
- **Part-Time**

**See more course information:**
ecu.edu.au/courses/K93

The course 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 are available in the following disciplines:**

**Employment Opportunities**
Career opportunities for graduates exist within a range of hospitality and tourism businesses, including tour companies, travel agencies, cruise ships, visitor centres, theme park and visitor attraction sites, convention centres, events companies, hotels and resorts, restaurants, cafes and bars. Within these types of organisations, the role may involve managing aspects of tours and site visits, entertainment, conferences and events, food and beverage service, sales and marketing or hiring, training and supervising staff.

**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

**Related Studies**
Bachelor of Commerce (Tourism & Hospitality Management) is also available in this discipline.

### HOTEL MANAGEMENT

This major can be studied in the following courses:

- **W23** Bachelor of Commerce
- **W24** Bachelor of Arts/Bachelor of Commerce
- **W28** Bachelor of Laws/Bachelor of Commerce
- **W27** Bachelor of Science/Bachelor of Commerce

**Campus:**

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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 and 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.

**Employment Opportunities**
Career opportunities for graduates exist within hotels and resorts across the global accommodation and hospitality services sector. Within these types of businesses, you may be involved in the operations and management of accommodation provision and servicing, food and beverage services (including in restaurants, cafes and bars), entertainment, gaming, events, sales and marketing or the hiring, training and supervising of staff.

**Careers**
Hotel Manager, Food and Beverage Manager, Rooms Division Manager, Front Office Manager, Hotel Sales Manager, Restaurant Manager, Cafe Manager, Bar Manager, Hospitality Business Manager

### HUMAN BIOLOGY

This major can be studied in the following courses:

- **K05** Bachelor of Science (Biomedical Science)
- **Y83** Bachelor of Science
- **W58** Bachelor of Arts/Bachelor of Science
- **W32** Bachelor of Engineering Honours/Bachelor of Science
- **W27** Bachelor of Science/Bachelor of Commerce

**Campus:**

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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.

**Employment Opportunities**
Human biology is a dynamic field that provides practical, specialised knowledge across fields including anatomy and physiology, genetics, development, anthropology, and biochemistry that forms the basis for many clinical, laboratory, research and educational careers.

**Careers**
Medical Scientists, Research Scientists, Medical Representatives, Research Officers, Research Assistants, Biomedical Technicians, Science Teachers, Lecturers, Scientific Communicators, Medical Administrators
Human Resources Management

This major can be studied in the following courses:

- W23 Bachelor of Commerce
- W25 Bachelor of Commerce/Bachelor of Arts (Psychology)
- K99 Bachelor of Aviation
- K93 Bachelor of Hospitality and Tourism Management
- Y29 Bachelor of International Hotel and Resort Management
- Y53 Bachelor of Sport, Recreation and Event Management
- W24 Bachelor of Arts/Bachelor of Commerce
- W26 Bachelor of Engineering Honours/Bachelor of Commerce
- W28 Bachelor of Laws/Bachelor of Commerce
- W27 Bachelor of Science/Bachelor of Commerce

Campus:

- JO
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Provides students with the 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.

Employment Opportunities

Career opportunities for graduates exist in industrial relations, training, recruitment and change management, safety and risk management, and performance management. Human resource management careers exist in all industries and sectors. Human resource/personnel specialists will be sought across most industries as it is increasingly important for organisations to develop well-trained and motivated staff to reach its desired business outcomes.

Careers

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

Human Genetics

This major can be studied in the following course:

- K05 Bachelor of Science (Biomedical Science)

Campus:

- JO
- ML
- BU
- OL

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.

Careers

Specialists, Medical Scientists, Research Scientists, Research Officers, Research Assistants, Laboratory Managers, Biomedical Technicians, Medical Representative

Human Services & Community Work

This major can be studied in the following course:

- CS8 Bachelor of Social Science

Campus:

- JO
- ML
- BU
- OL

This major 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. For more information, see course details on our website.

Employment Opportunities

This major prepares the student to work as a human services worker, community worker and in leadership positions in some areas of the community services sector.

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
Employment Opportunities
Graduates will be eligible to seek employment in both government and non-government secondary schools teaching Humanities and Social Sciences.

Careers
Secondary Social Science Teacher

INFORMATION TECHNOLOGY

Bachelor of Information Technology

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:

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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.

Professional Recognition
Australian Computer Society (ACS) have accredited this course.

Employment Opportunities
This course prepares graduates for a range of careers via practical experience in analysing and solving real world problems in information technology and related disciplines, underpinned by strong theoretical concept knowledge. Over the course of the degree, students have the opportunity to undertake international study tours, work integrated learning and internships in their chosen field.

Careers
Computer Support Officer, Systems Analyst, IT Consultant, Systems Administrator, Software Support Officer, Project Manager, Systems Integrator, Data Analyst
INSTRUMENTATION CONTROL & AUTOMATION

Bachelor of Engineering (Instrumentation Control and Automation) Honours

Indicative ATAR: 82
Duration: 4 Years
Availability & Campus:

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*Applicants from South West WA will be able to study only the first year (up to eight foundation units) of this degree at ECU’s Bunbury Campus, which may include attending a short set of lab sessions at Joondalup Campus by the end of each semester. After completing these eight units, Bunbury students will need to attend ECU’s Joondalup Campus to complete the rest of their course. This option is only available for domestic students living in the South West region of WA.

See more course information: 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.

Admission Requirements
All applicants are required to have 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Work Experience
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.

For more information, see course details on our website.

Professional Recognition
Engineers Australia have accredited this course.

Employment Opportunities
Instrumentation control and automation engineers have diverse employment opportunities in most sectors of industry, including product design and development, manufacturing, mining and resource, agriculture, public utilities, road and transport, defence, aerospace, chemical, pharmaceutical, and consulting.

Careers
Control and Automation Engineer, Process Control Engineer, Instrumentation Engineer

This major can be studied in the following courses:

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Instrumentation control and automation engineering is the integration of electrical, electronic and computing engineering with control engineering, for the development of intelligent control systems in different engineering industries. Areas of study include analogue and digital electronics, computer-aided design and manufacturing,
signal analysis, communication and networking, electrical machines, sensor technology, process control, automation, robotics, system design and development and project management.

**Professional Recognition**
Engineers Australia have accredited this unit set.

**Employment Opportunities**
Instrumentation control and automation engineers have diverse employment opportunities in most sectors of industry, including product design and development, manufacturing, mining and resource, agriculture, public utilities, road and transport, defence, aerospace, chemical, pharmaceutical, and consulting.

**Careers**
Control and Automation Engineer, Process Control Engineer, Instrumentation Engineer

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**INTERNATIONAL BUSINESS MAJOR**

This major can be studied in the following courses:

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<td>Bachelor of Aviation</td>
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<td>Bachelor of Hospitality and Tourism Management</td>
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<td>Y29</td>
<td>Bachelor of International Hotel and Resort Management</td>
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<td>Bachelor of Arts/Bachelor of Commerce</td>
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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.

**Employment Opportunities**
Potential careers exist in administrative positions within international organisations across government, trade, banking and logistics.

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

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**INTERNATIONAL HOTEL & RESORT MANAGEMENT COURSE**

Bachelor of International Hotel and Resort Management

**Indicative ATAR:** 70  
**Duration:** 3 Years

**Availability & Campus:**

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Full-Time

Part-Time

See more course information: [ecu.edu.au/courses/Y29](http://ecu.edu.au/courses/Y29)

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.

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

**Majors are available in the following disciplines:**

**Employment Opportunities**
Career opportunities for graduates exist within hotels and resorts across the global accommodation and hospitality services sector. Within these types of businesses, students may be
involved in the operations and management of accommodation provision and servicing, food and beverage services (including in restaurants, cafes and bars), entertainment, gaming, conferences, events and banquets, tourism operations, sales and marketing or the hiring, training and supervising of staff.

**Careers**
Hotel Manager, Resort Manager, Integrated Resort Manager, Food and Beverage Manager, Rooms Division Manager, Front Office Manager, Hotel Sales Manager, Restaurant Manager, Cafe Manager

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**LAW**

Bachelor of Laws

**Indicative ATAR:** 85  
**Duration:** 4 Years  
**Availability & Campus:**  
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**See more course information:**  
ecu.edu.au/courses/Y72

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 Innocence Project, The Law Access Program and international mooting competitions to give them real world experience and the competitive edge in the job market.

**Admission Requirements**
Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

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

**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. The Bachelor of Laws degree (LLB) satisfies the academic requirements for the admission as a legal practitioner in Western Australia and is professionally accredited by the LPBWA. For information about the admission process and the additional requirements that must be completed to be eligible for admission, contact the LPBWA.

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**Employment Opportunities**
Potential careers exist in private practice, in-house corporate practice and in-house government. Corporate planning, government policy, politics, journalism, creative writing and many other careers dependent on excellent written and verbal communications skills, logic and analytical ability are also options for graduates.

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

**Related Studies**
Bachelor of Engineering Honours/Bachelor of Laws  
Bachelor of Laws: Students with a recognised degree may be interested in Y11 Bachelor of Laws (Graduate Entry).  
Bachelor of Laws/Bachelor of Arts  
Bachelor of Laws/Bachelor of Commerce  
Bachelor of Laws/Bachelor of Criminology and Justice

**LAW (GRADUATE ENTRY)**

Bachelor of Laws  

**Indicative ATAR:** Not applicable  
**Duration:** 3 Years  
**Availability & Campus:**  
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**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 or part-time equivalent. 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 Innocence Project, The Law Access Program and international mooting competitions to give them real world experience and the competitive edge in the job market.

**Admission Requirements**
All applicants are required to have a recognised 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...
Students will graduate job-ready with the theory, practical experience and transferable employability skills, including critical thinking, teamwork, communication and problem-solving, required for employment in a wide range of professions, including but not limited to the legal profession.

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 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 Innocence Project, The Law Access Program and international mooting competitions to give them real world experience and the competitive edge in the job market.

**Arts majors are available in the following disciplines:**
Creative and Professional Writing, English, Historical and Political Studies

**Admission Requirements**
Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

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

**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.

The Bachelor of Laws degree (LLB) satisfies the academic requirements for the admission as a legal practitioner in Western Australia and is professionally accredited by the LPBWA. For information about the admission process and the additional requirements that must be completed to be eligible for admission, contact the LPBWA.

**Employment Opportunities**
Potential careers exist in private practice, in-house corporate practice and in-house government. Corporate planning, government policy, politics, journalism, creative writing and many other careers dependent on excellent written and verbal communications skills, logic and analytical ability are also welcome options for graduates.

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

**Related Studies**
Bachelor of Laws

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**LAW / ARTS**

Bachelor of Laws/Bachelor of Arts

**Indicative ATAR:** 85  
**Duration:** 5 Years

**Availability & Campus:**

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Students are required to attend classes on Joondalup and Mount Lawley to complete the course.

**See more course information:**
edu.edu.au/courses/Y67

Stand out from the crowd with a law/arts double degree. Gain an accredited legal degree that enables graduates to enter the legal profession, as well as an arts degree that develops high levels of written and communication skills, and a strong understanding of society, adding another dimension to the student’s skill set.
The Bachelor of Laws degree (LLB) satisfies the academic requirements for the admission as a legal practitioner in Western Australia and is professionally accredited by the LPBWA. For information about the admission process and the additional requirements that must be completed to be eligible for admission, contact the LPBWA.

Employment Opportunities
Potential careers exist in private practice, in-house corporate practice and in-house government; and both legal and non-legal careers relevant to students chosen majors in the commerce degree. Government policy, politics, journalism, creative writing and many other careers dependent on excellent written and verbal communications skills, logic and analytical ability are also welcome options for graduates.

Careers
Company Secretary, Corporate Lawyer, Legal Executive, In-house Counsel, Legal Advisor, Legal Practitioner, Barrister, Solicitor

Related Studies
Bachelor of Commerce
Bachelor of Laws

LAW / CRIMINOLOGY & JUSTICE
Bachelor of Laws/Bachelor of Criminology and Justice

Indicative ATAR: 85  
Duration: 5 Years

Availability & Campus:

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See more course information: ecu.edu.au/courses/K30

This double degree provides students with a practical legal qualification and a comprehensive understanding of the impact of law within community settings. 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 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 Innocence Project, The Law Access Program and international mooting competitions to give them real world experience and the competitive edge in the job market.

Commerce majors are available in the following disciplines:

Admission Requirements
Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

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

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.
Available on the Joondalup Campus
Available on the Mount Lawley Campus

COURSES & MAJORS

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.

Employment Opportunities
Potential careers exist in a variety of corporate, government and non-government settings. The grounding in important legal units, as well as the core units in a student’s Bachelor degree makes graduates with this major a welcome asset in a wide variety of settings, their legal nous complementing their other significant qualifications.

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

LAW IN BUSINESS MAJOR

This major can be studied in the following courses:

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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.

Available on the Joondalup Campus
Available on the Mount Lawley Campus

Criminology and Justice majors are available in the following disciplines: Corrections and Policing

Admission Requirements
Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

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

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.

The Bachelor of Laws degree (LLB) satisfies the academic requirements for the admission as a legal practitioner in Western Australia and is accredited by the LPBWA. For information about the admission process and the additional requirements that must be completed to be eligible for admission, contact the LPBWA.

Disciplines of law, political science, psychology and sociology. 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, family law and conflict management.

Criminology and Justice majors are available in the following disciplines:

- Corrections and Policing

Admission Requirements
Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

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

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.

The Bachelor of Laws degree (LLB) satisfies the academic requirements for the admission as a legal practitioner in Western Australia and is accredited by the LPBWA. For information about the admission process and the additional requirements that must be completed to be eligible for admission, contact the LPBWA.

Careers
Lawyer, Barrister, Legal Practitioner, Solicitor, Police Officer, Community Corrections Officer, Parole Officer, Youth Justice Officer, Prison Officer, Research and Policy Officer

LAW IN BUSINESS MAJOR

This major can be studied in the following courses:

- W23 Bachelor of Commerce
- Y14 Bachelor of Counter Terrorism Security and Intelligence
- W24 Bachelor of Arts/Bachelor of Commerce
- W27 Bachelor of Science/Bachelor of Commerce

Campus:

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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.

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.
Marine & Freshwater Science

This major can be studied in the following courses:

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<thead>
<tr>
<th>Code</th>
<th>Degree</th>
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<tbody>
<tr>
<td>Y83</td>
<td>Bachelor of Science</td>
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<tr>
<td>W58</td>
<td>Bachelor of Arts/Bachelor of Science</td>
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<tr>
<td>W32</td>
<td>Bachelor of Engineering Honours/Bachelor of Science</td>
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<tr>
<td>W27</td>
<td>Bachelor of Science/Bachelor of Commerce</td>
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**Campus:**

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Employment Opportunities
Career opportunities for graduates exist in human resource management, strategic management, business ethics and management consulting. Management careers exist in all industries. With the recent steady growth in the economy, management specialists will be sought across most industries.

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

Marine & Offshore Engineering

Bachelor of Engineering (Marine and Offshore Engineering) Honours

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<thead>
<tr>
<th>Code</th>
<th>Degree</th>
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<tbody>
<tr>
<td>Y79</td>
<td>Bachelor of Science</td>
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</tbody>
</table>

**Indicative ATAR:** 82

**Duration:** 4 Years

**Availability & Campus:**

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The first two years can be studied at ECU’s Joondalup campus.

*Applicants from South West WA will be able to study only the first year (up to eight foundation units) of this degree at ECU’s Bunbury Campus, which may include attending a short set of lab sessions at Joondalup Campus by the end of each semester. After completing these eight units, Bunbury students will need to attend ECU’s Joondalup Campus to complete the remaining ECU units. This option is only available for domestic students living in the South West region of WA.

**Secondary Location**
The final two years of this course are delivered at the Australian Maritime College in Launceston. Students will be required to relocate to Launceston for this portion of the course.

**See more course information:**
ecu.edu.au/courses/Y79

Designated 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 freshwater to estuarine and marine systems.

**Careers**
Marine Biologist, Marine Scientist, Environmental Officer, Water Manager, Marine Park Manager, Marine Park Ranger

Marine & Freshwater Biology

Bachelor of Science (Marine and Freshwater Biology)

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<thead>
<tr>
<th>Code</th>
<th>Degree</th>
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<tr>
<td>G87</td>
<td>Bachelor of Science</td>
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**Indicative ATAR:** 70

**Duration:** 3 Years

**Availability & Campus:**

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**Employment Opportunities**
Graduates of Marine and Freshwater Biology will possess skills that are applicable in a wide range of aquatic science professions in research, industry, teaching and government agencies. These may include careers in marine and coastal management, fisheries research and management, marine biology, wetland ecology and water resource management.

**Careers**
Marine Scientist, Aquatic Biologist, Marine Park Manager, Marine Biologist, Environmental Officer, Water Manager, Catchment Coordinator, Aquatic Scientist, Natural Resource Manager

**Related Studies**
Bachelor of Science
Bachelor of Science/Bachelor of Commerce

**See more course information:**
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.

**Employment Opportunities**
Graduates of Marine and Freshwater Biology will possess skills that are applicable in a wide range of aquatic science professions in research, industry, teaching and government agencies. These may include careers in marine and coastal management, fisheries research and management, marine biology, wetland ecology and water resource management.

**Careers**
Marine Scientist, Aquatic Biologist, Marine Park Manager, Marine Biologist, Environmental Officer, Water Manager, Catchment Coordinator, Aquatic Scientist, Natural Resource Manager

**Related Studies**
Bachelor of Science
Bachelor of Science/Bachelor of Commerce

**See more course information:**
ecu.edu.au/courses/Y79
This course is offered in collaboration with the Australian Maritime College at the University of Tasmania in Launceston, Tasmania. Marine and offshore engineers are involved with the design, manufacture, deployment and commissioning of systems associated with the marine and offshore oil and gas industries. This course is suited to students interested in the large-scale mechanical and electro-mechanical systems used in the oil and gas industries, such as fuel-injected turbocharged engines, large gas turbine generators, or oil and gas rigs.

**Admission Requirements**
All applicants are required to have 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

**Work Experience**
Students will be required to undertake a minimum of 12 weeks relevant industry work experience. This will normally be undertaken during a vacation period.

For more information, see course details on our website.

**Professional Recognition**
Engineers Australia have accredited this course.

**Employment Opportunities**
Graduates of this course will have the capability to work in areas such as engineering alternative marine power systems, or improving crude oil extraction to reduce emissions while maximising yield. Marine and offshore engineers have strong employment opportunities in many sectors of industry including oil and gas, ship building, alternative energy, marine survey, defence, industrial process, power generation, and consulting. Graduates can also apply for any suitable position open to mechanical engineers.

**Careers**
Oil and Gas Engineer, Naval Engineer, Process Engineer, Offshore Energy Engineer, Marine Surveyor, Mechanical Engineer, Maritime Engineer

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**MARKETING**

This major can be studied in the following courses:

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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
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<td>W24</td>
<td>Bachelor of Arts/Bachelor of Commerce</td>
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<tr>
<td>K99</td>
<td>Bachelor of Aviation</td>
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<tr>
<td>W23</td>
<td>Bachelor of Commerce</td>
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<tr>
<td>W26</td>
<td>Bachelor of Engineering Honours/ Bachelor of Commerce</td>
</tr>
<tr>
<td>K93</td>
<td>Bachelor of Hospitality and Tourism Management</td>
</tr>
<tr>
<td>Y29</td>
<td>Bachelor of International Hotel and Resort Management</td>
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<tr>
<td>W28</td>
<td>Bachelor of Laws/Bachelor of Commerce</td>
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<tr>
<td>W27</td>
<td>Bachelor of Science/Bachelor of Commerce</td>
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<tr>
<td>Y53</td>
<td>Bachelor of Sport, Recreation and Event Management</td>
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**Campus:**

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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. This major is only accredited when taken in the Bachelor of Commerce, Bachelor of Commerce Professional or any associated double degree.

**Employment Opportunities**
Potential careers exist in business-to-business, business-to-consumer, government-to-consumer and the not-for-profit sectors.

**Careers**
Marketing Manager, Brand Manager, Customer Relationship Manager, Sales Manager, Business Development Manager, Product Manager, Advertising and Promotions Manager, Market Researcher
Marketing, Advertising & Public Relations

Bachelor of Marketing, Advertising and Public Relations

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:
- Full-Time: JO, ML, BU
- Part-Time: JO, ML, BU

The Marketing units are available on the Joondalup Campus, and the Advertising and Public Relations units are available on the Mount Lawley Campus.

See more course information: 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 and building of successful products and 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.

Employment Opportunities
This combination of three disciplines in one course equips graduates with a competitive career advantage across a wide range of industries. Additionally, students have the ability to focus on areas of interest through the selection of four elective units. Potential careers exist in business-to-business, business-to-consumer, government-to-consumer and the not-for-profit sectors.

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

Mathematics

This major can be studied in the following courses:
- Y83 Bachelor of Science
- W58 Bachelor of Arts/Bachelor of Science
- W32 Bachelor of Engineering Honours/Bachelor of Science
- W27 Bachelor of Science/Bachelor of Commerce

Campus: JO, ML, BU

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.

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.

Mathematics Education

This major can be studied in the following course:
- Y68 Bachelor of Education (Secondary)

Campus: JO

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.

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.
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.

Admission Requirements
All applicants are required to have 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.
Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Work Experience
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.
For more information, see course details on our website.

Professional Recognition
Engineers Australia have accredited this course.

Employment Opportunities
Graduates will have competencies in all major areas of mechanical engineering, and be able to participate in and lead complex multidisciplinary projects. Mechanical engineers have diverse employment opportunities in most sectors of industry, including product design and development, manufacturing, road and transport, mining and resource, public utilities, agriculture, defence, aerospace, and consulting.

Careers
Mechanical Engineer
**Mechatronics Engineering**  
**Course**

Bachelor of Engineering (Mechatronics) Honours

- **Indicative ATAR:** 82  
- **Duration:** 4 Years

**Availability & Campus:**

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*Applicants from South West WA will be able to study only the first year (up to eight foundation units) of this degree at ECU’s Bunbury Campus, which may include attending a short set of lab sessions at Joondalup Campus by the end of each semester. After completing these eight units, Bunbury students will need to attend ECU’s Joondalup Campus to complete the rest of their course. This option is only available for domestic students living in the South West region of WA.

See more course information:  
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.

**Admission Requirements**
All applicants are required to have 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.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

**Work Experience**
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.

For more information, see course details on our website.

**Professional Recognition**
Engineers Australia have accredited this course.

**Employment Opportunities**
Mechatronics engineers have diverse employment opportunities in most sectors of industry, including product design and development, manufacturing, mining and resource, process control and automation, public utilities, road and transport, defence, aerospace, and consulting.

**Careers**
Mechatronics Engineer, Robotics Engineer, Automation Engineer

**MECHATRONICS ENGINEERING / MOTORSPORTS**

Bachelor of Engineering (Mechatronics) Honours/ Bachelor of Technology (Motorsports)

| Indicative ATAR: 82 |
| Duration: 5 Years |

**Availability & Campus:**

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*Applicants from South West WA will be able to study only the first year (up to eight foundation units) of this degree at ECU's Bunbury Campus, which may include attending a short set of lab sessions at Joondalup Campus by the end of each semester. After completing these eight units, Bunbury students will need to attend ECU's Joondalup Campus to complete the rest of their course. This option is only available for domestic students living in the South West region of WA.

**See more course information:**
ecu.edu.au/courses/Y75

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.

Students will graduate with competencies in electrical, electronic and mechanical engineering. They will also be able to participate in and lead complex multidisciplinary projects.
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.

**Admission Requirements**
All applicants are required to have 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

**Work Experience**
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.

For more information, see course details on our website.

**Professional Recognition**
Engineers Australia have accredited this course.

**Employment Opportunities**
Mechatronics engineers have diverse employment opportunities in most sectors of industry, including product design and development, manufacturing, mining and resource, process control and automation, public utilities, road and transport, defence, aerospace, and consulting.

As well as employment in the motorsports industry, graduates also have broader employment opportunities in product design and development, manufacturing, marketing and project management.

**Careers**
Mechatronics Engineer, Mechanical Engineer, Automotive Engineer, Robotics Engineer, Automation Engineer

**MEDIA & COMMUNICATION**

<table>
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<th>Bachelor of Media and Communication</th>
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<tr>
<td><strong>Indicative ATAR:</strong> 70</td>
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<td><strong>Duration:</strong> 3 Years</td>
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**Availability & Campus:**

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**See more course information:**
ecu.edu.au/courses/W63

This course 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. In the degree, 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, teamwork and problem solving skills.

**Majors are available in the following disciplines:**
Advertising, Broadcasting and Digital Journalism, Media and Cultural Studies, Photomedia, Public Relations, Screen Production

**Clinical or professional work placement**
In the core unit SAH3200 Industry and Community (which is mandatory for all those who enrol in the Media and Communication degree) 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.

**Employment Opportunities**
This degree provides students with advanced communication and critical engagement skills that are essential in a wide range of professions.

**Careers**
Broadcaster, Journalist, Writer, Public Relations Consultant, Communications Officer, Film Maker, Script Writer, Social Media Analyst, Content Creator
This major can be studied in the following courses:

- W63 Bachelor of Media and Communication
- W62 Bachelor of Arts/Bachelor of Media and Communication

**Campus:**

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This major 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 those 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.

**Employment Opportunities**

Students will have a strong sense of contemporary cultural awareness and media savvy with advanced communication and critical appraisal skills which will benefit a broad range of careers.

**Careers**

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

### MEDICAL SCIENCE

**Bachelor of Medical Science**

**Indicative ATAR:** 70

**Duration:** 3 Years

**Availability & Campus:**

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**See more course information:**

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.
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
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.
For more information, see course details on our website.

Professional Recognition
Engineers Australia have accredited this course.

Employment Opportunities
As well as employment in the motorsports industry, graduates also have broader employment opportunities in product design and development, manufacturing, marketing and project management.

Careers
Automotive Technologist, Mechanical Technologist

Majors are available in the following disciplines:
Classical Performance: Instrumental, Classical Performance: Vocal, Composition and Music Technology, Contemporary Music, Jazz

Admission Requirements
All applicants are required to attend an audition. This audition includes a theory test and an interview.
Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.
MUSIC: COMPOSITION & MUSIC TECHNOLOGY

This major can be studied in the following course:

L66 Bachelor of Music

Campus:

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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

MUSIC: JAZZ

This major can be studied in the following course:

L66 Bachelor of Music

Campus:

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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

MUSIC EDUCATION

This major can be studied in the following course:

Y68 Bachelor of Education (Secondary)

Campus:

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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.

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.
Employment Opportunities
Graduates will be eligible to seek employment in both government and non-government secondary schools teaching Music, and have the option to also work as specialist Kindergarten to Year 6 Music teachers.

Careers
Secondary Music Teacher, Kindergarten to year 6 Music Specialist Teacher, Specialist Instrumental Teacher

MUSIC INDUSTRY
Availability & Campus:

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See more course information: ecuworldready.com.au/waapa
WAAPA offers nationally-recognised qualifications in this area, covering disciplines such as composition, classical performance, contemporary performance, jazz performance and sound production. It is designed for musicians wishing to expand their song-writing, instrumental (including vocal), ensemble and musicianship skills.

Careers
Musician, Performance Artist, Composer, Performer, Entertainer, Sound Recordist, Sound Designer, Sound Mixer

MUSIC THEATRE
Bachelor of Arts (Music Theatre)
Duration: 3 Years
Availability & Campus:

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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.

Admission Requirements
All applicants are required to attend an audition, and attend an interview. The audition and interview are comprehensive, information relating to requirements and procedures is available from WAAPA.
Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Employment Opportunities
This course produces graduates who are fully equipped to enter the theatre profession as performers in both musical and non-musical areas, as well as film and television.
By studying at WAAPA, students gain practical performance experience in a range of the performing arts, preparing them to work professionally in a wide range of theatre activities.

Careers
Actor, Singer, Performer, Entertainer, Dancer

MUSICAL THEATRE
Bachelor of Arts (Music Theatre)
Duration: 3 Years
Availability & Campus:

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See more course information: ecuworldready.com.au/waapa
This nationally-recognised qualification reflects the role of performers working or aspiring to work in musical theatre and cabaret productions.
Students will develop skills in acting, singing and dancing, and the important integration of all three, through highly practical classes and production projects.

Careers
Actor, Singer, Performer, Entertainer, Dancer

NAVAL ARCHITECTURE
Bachelor of Engineering (Naval Architecture) Honours
Indicative ATAR: 82
Duration: 4 Years
Availability & Campus:

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The first two years can be studied at ECU’s Joondalup campus.
*Applicants from South West WA will be able to study only the first year (up to eight foundation units) of this degree at ECU’s Bunbury Campus, which may include attending a short set of lab sessions at Joondalup Campus by the end of each semester. After completing these eight units, Bunbury students will need to attend ECU’s Joondalup Campus to complete the remaining ECU units. This option is only available for domestic students living in the South West region of WA.
**Courses & Majors**

**NURSING**

*Available on the Joondalup Campus*

**Bachelor of Science (Nursing)**

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**Availability & Campus:**

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**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.

**Admission Requirements**

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

**Work Experience**

Students are required to successfully complete 840 hours of clinical practice as part of the course. Placements are undertaken with a range of clinical partners as full-time clinical placements. There are attendance requirements for this practicum.

**Professional Recognition**

Engineers Australia have accredited this course.

**Employment Opportunities**

Australia leads the world in the design and construction of high-speed aluminium craft and naval architects are in great demand in this sector. Naval architects are also in demand in companies that design and build leisure craft, and sailing and power yachts. Many of the vessels of the Royal Australian Navy deployed in the defence of the nation have been built in Australian yards with considerable Australian design input; these include patrol boats, mine hunters, frigates and submarines. Naval architects also have career opportunities in other sectors of the marine industry including oil and gas, marine surveying, and consulting.

**Careers**

Naval Architect, Maritime Engineer, Submersible Vehicle Engineer, Oil and Gas Engineer, Marine Surveyor, Mechanical Engineer
This comprehensive course is unique in WA, 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.

**Admission Requirements**
All applicants are required to provide a personal statement. This statement must outline 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. Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

**Work Experience**
Students are required to complete 840 hours of clinical practice as part of the course. Placements are undertaken with a range of clinical partners as full-time clinical placements.

**Reporting Obligations**
ECU has an obligation to report details of students enrolled in this course to the Australian Health Practitioner Regulation Agency (AHPRA), see the unit set on our website for more information.

**Clearance and/or Risk Management Protocols Required:**
To be eligible to undertake clinical practice and fulfil their duty of care, students are required to complete risk management protocols on commencement of the course, and carry out amendments in subsequent semesters as appropriate. Risk management protocols include, but are not restricted to:

- International students on temporary visas are required to provide a Certificate of International Police Clearance.
- Department of Health (WA) Criminal Screening.
- Current Cardio Pulmonary Resuscitation (CPR), initial certification required plus annual renewal of certification. Courses available via an ECU provider.
- Current Manual Handling Certification, initial certification required plus annual renewal of certification. Courses available via an ECU provider.
- Evidence of immunisation status as per the Australian Immunisation Handbook, more information at www.immunisationhandbook.health.gov.au

Due to the practical nature of the nursing and midwifery professions, there are inherent performance requirements applicable to this course that may impact upon the success of some potential students. Applicants and students with a disability or other issue likely to impact on their ability to perform in practice are encouraged to contact the Director, Undergraduate Nursing Studies to discuss the support and inherent requirements of this course.

For more information, see course details on our website.

**Professional Recognition**
Australian Nursing and Midwifery Accreditation Council (ANMAC) have accredited this course.

**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. Graduates are entitled to apply for registration with the Nursing and Midwifery Board of Australia which is a requirement to enable them to practice as registered nurses.

**Careers**
Nurse, Registered Nurse, Comprehensive Registered Nurse

**Related Studies**
Bachelor of Science (Nursing)/ Bachelor of Science (Midwifery)
Bachelor of Science (Nursing Studies)

**NURSING / MIDWIFERY COURSE**
Bachelor of Science (Nursing)/ Bachelor of Science (Midwifery)

**Indicative ATAR:** 75

**Duration:** 4 Years

**Availability & Campus:**

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**Full-Time**

**Part-Time**

**See more course information:**
ecu.edu.au/courses/Y76

**2020 Undergraduate Course Guide —— Edith Cowan University**
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 Nursing and Midwifery Board of Australia.

Admission Requirements
All applicants are required to be Registered Nurses in their country of origin.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Careers
Nurse

NUTRITION

This major can be studied in the following courses:

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<td>Bachelor of Health Science</td>
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<td>Y83</td>
<td>Bachelor of Science</td>
<td>Not applicable</td>
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<tr>
<td>M89</td>
<td>Bachelor of Science (Exercise and Sports Science)</td>
<td>Not applicable</td>
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<td>W58</td>
<td>Bachelor of Arts/Bachelor of Science</td>
<td>Not applicable</td>
<td>3 Years*</td>
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<td>W32</td>
<td>Bachelor of Engineering Honours/Bachelor of Science</td>
<td>Not applicable</td>
<td>3 Years*</td>
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<tr>
<td>W27</td>
<td>Bachelor of Science/Bachelor of Commerce</td>
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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
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
Community Nutritionist, Corporate Nutritionist, Research Nutritionist, Sports Nutritionist, Child Health Nutritionist, Health Promotion Nutritionist, Health Lifestyle Nutritionist, Aged Care Nutritionist
**NUTRITION BIOSCIENCE**

This major can be studied in the following course:

K97 Bachelor of Health Science

**Campus:**

JO ML BU OL

- 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**

Community Nutritionist, Corporate Nutritionist, Research Nutritionist, Sports Nutritionist, Child Health Nutritionist, Health Promotion Nutritionist, Health Lifestyle Nutritionist, Aged Care Nutritionist

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**OCCUPATIONAL SAFETY & HEALTH**

This major can be studied in the following courses:

K97 Bachelor of Health Science

K99 Bachelor of Aviation

Y83 Bachelor of Science

M89 Bachelor of Science (Exercise and Sports Science)

W32 Bachelor of Engineering Honours/Bachelor of Science

W27 Bachelor of Science/Bachelor of Commerce

**Campus:**

JO ML BU OL

- 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.

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**Professional Recognition**

The Institution of Occupational Safety and Health, and the Australian OHS Education Accreditation Board (AOHSEAB) have accredited this unit set. Accreditation has been approved only for students completing this major in conjunction with the Bachelor of Health Science (K97).

**Membership**

Students can apply for membership with the Safety Institute of Australia (SIA). Students can apply for membership with the Australian Institute of Occupational Hygienists (AIHO). Students can either join as a Student member or an Associate Member. 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).

**Employment Opportunities**

This major is aimed at those who wish to work as OSH practitioners in a range of industries such as manufacturing, mining or resources.

**Careers**

Occupational Safety and Health Manager, Occupational Hygiene Technician, Workers Compensation Administrator, Rehabilitation Officer, Risk Manager, Community Health Officer

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**OCCUPATIONAL THERAPY**

Bachelor of Science (Occupational Therapy)

**Indicative ATAR:** 80

**Duration:** 4 Years

**Availability & Campus:**

JO ML BU OL

Full-Time

Part-Time

- 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.

Admission Requirements
Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

Reporting Obligations
ECU has an obligation to report details of students enrolled in this course to the Australian Health Practitioner Regulation Agency (AHPRA), see the unit set on our website for more information.

Practicum
An extended full-time practicum component applies to the three Clinical Science units in this course. There are attendance requirements for this practicum.

Clearance and/or Risk Management Protocols Required
To be eligible to undertake clinical practice and fulfil their duty of care, students are required to complete risk management protocols on commencement of the course and carry out amendments in subsequent semesters, as appropriate. Risk management protocols include, but are not restricted to:

- Certificate of National Police Clearance
- Current WA Department of Health Criminal Record Screening Clearance Card
- Current First Aid Certificate
- Department of Education and Training National Criminal History Record Check
- Evidence of immunisation status as per the Department of Health schedule, more information at www.health.wa.gov.au
- MRSA clearance if worked in, or been admitted to, a health facility outside of Western Australia in the 12 months prior to enrolment
- Working with Children Check, more information at www.workingwithchildren.wa.gov.au

Students on practicum must observe professional practice rules.

Professional Recognition
The Occupational Therapy Council of Australia Limited, and the World Federation of Occupational Therapists (WFOT) have accredited this course.

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, Neuromotor reload anastasiast

OCeAN ENGINEERING

Bachelor of Engineering (Ocean Engineering) Honours

Indicative ATAR: 82
Duration: 4 Years

Availability & Campus:

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The first two years can be studied at ECU’s Joondalup campus.

*Applicants from South West WA will be able to study only the first year (up to eight foundation units) of this degree at ECU’s Bunbury Campus, which may include attending a short set of lab sessions at Joondalup Campus by the end of each semester. After completing these eight units, Bunbury students will need to attend ECU’s Joondalup Campus to complete the remaining ECU units. This option is only available for domestic students living in the South West region of WA.

Secondary Location
The final two years of this course are delivered at the Australian Maritime College in Launceston. Students will be required to relocate to Launceston for this portion of the course.

See more course information:
ecu.edu.au/courses/Y60
This course is offered in collaboration with the Australian Maritime College at the University of Tasmania in Launceston, Tasmania. Ocean engineers are involved in the design of some of the largest, most complex, and most expensive structures produced by humankind. These include offshore structures such as oil and gas platforms or subsea pipelines, as well as the wide range of infrastructure associated with the ports and harbour facilities and submersible vehicles required to service them.
**Admission Requirements**
All applicants are required to have 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.
Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

**Practicum**
Students are required to undertake clinical practice placements as part of this course with partner healthcare providers. There are attendance requirements for this practicum. Students on practicum must observe professional practice rules.

**Clearance and/or Risk Management Protocols Required**
To complete this course, students will be required to undertake one or more clinical placements outside of ECU with a third party host. A person may not be able to participate in clinical placement (or complete the course) if they do not meet the risk management requirements of the University and/or hosts.
Students are required to complete risk management protocols on commencement of the course and in subsequent semesters, as appropriate. Students are required to submit certain reports to ECU including (but not limited to) a first aid certificate, a National Police Clearance, Working with Children Card, immunisation records and other certifications. The costs of clearances are borne by the student, and fees are set by the relevant agencies.
By enrolling in this course and any units with a placement requirement, students authorise ECU to disclose information contained in these reports to potential hosts and regulatory authorities. These records must be satisfactory to the University, relevant host or regulatory authority.

The required learning outcomes in some of the compulsory practical units in this course may not be readily achievable or appropriate for persons with certain disabilities or medical conditions. Whilst ECU will endeavour to make reasonable adjustments, all students must fulfil the inherent requirements of the course, which are linked to professional and industry competencies.
Students are encouraged to discuss any concerns these matters may create with the course coordinator prior to enrolment.
For more information, see course details on our website.

**Professional Recognition**
Engineers Australia have accredited this course.

**Employment Opportunities**
Ocean engineers have strong employment opportunities in many sectors of industry, including oil and gas, alternative energy, coastal engineering, underwater vehicles, port and harbour design, defence, and consulting. Graduates can also apply for any suitable position open to structural engineers.

**Careers**
Oil and Gas Engineer, Offshore Energy Engineer, Coastal Engineer, Submersible Vehicle Engineer, Structural Engineer, Maritime Engineer

**PARA MEDICAL SCIENCE**
Bachelor of Science (Paramedical Science)

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**Availability & Campus:**

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**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 students enrolled in this course to the Australian Health Practitioner Regulation Agency (AHPRA), see the unit set on our website for more information.
The theoretical elements of the course can be studied entirely online. However, students should note that a number of units have mandatory clinical workshops which require attendance at the Joondalup campus, unless exemption is granted under Advanced Standing pathways. Clinical Placements are also a requirement of the course, and require attendance at partner healthcare providers in Western Australia. Where placements can not be provided an alternative will be provided at Joondalup Campus.

**Employment Opportunities**

This course prepares graduates to practise high quality paramedicine in a wide spectrum of healthcare and cultural settings, and to lead Australian and international trends in healthcare provision.

**Careers**

Paramedic, Critical Care Paramedic, Community Paramedic, Industrial Paramedic, Ambulance Officer, Intensive Care Paramedic, Retrieval Paramedic

**PERFORMING ARTS**

**Bachelor of Performing Arts**

**Duration:** 3 Years

**Availability & Campus:**

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**See more course information:**

cdu.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 are available in the following disciplines:**

Performance Making, Practice Transition, Production and Design

**Admission Requirements**

All applicants are required to 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.

Applications for this course are not accepted through ECU’s Experience Based Entry Scheme.

**Employment Opportunities**

This course is underpinned by core performance and management skills that are necessary to gain professional employment as a contemporary arts practitioner.

**Careers**

Performer, Musician, Director, Choreographer, Designer, Composer, Sound Designer, Arranger, Dramaturge

**PERFORMING ARTS: PERFORMANCE MAKING**

This major can be studied in the following course:

**Y97 Bachelor of Performing Arts**

**Campus:**

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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
PERFORMING ARTS: PRACTICE TRANSITION

This major can be studied in the following course:

Y97 Bachelor of Performing Arts

Campus:

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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.

Employment Opportunities

Graduates can explore employment in the performing arts industry across a variety of areas, depending on the area of specialisation. For example, in backstage production and design, as a dancer or choreographer, actor or director, or in arts management.

Careers

Artistic Director, Producer, Project Manager, Performer, Playwright, Theatre Maker, Dramaturg

PERFORMING ARTS: PRODUCTION & DESIGN

This major can be studied in the following course:

Y97 Bachelor of Performing Arts

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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

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. For more information, see course details on our website.

Careers

Set and Costume Designers, Sound Designer, Lighting Designer, Production Manager, Stage Manager, Scenic Artist, Workshop Manager, Head Cutter, Machinist

PETROLEUM ENGINEERING

Bachelor of Engineering (Petroleum Engineering) Honours

Indicative ATAR: 82
Duration: 4 Years

Availability & Campus:

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*Applicants from South West WA will be able to study only the first year (up to eight foundation units) of this degree at ECU’s Bunbury Campus, which may include attending a short set of lab sessions at Joondalup Campus by the end of each semester. After completing these eight units, Bunbury students will need to attend ECU’s Joondalup Campus to complete the rest of their course. This option is only available for domestic students living in the South West region of WA.

See more course information:
ecu.edu.au/courses/W17

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...
PHOTOMEDIA

This major can be studied in the following courses:

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<th>Code</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>W63</td>
<td>Bachelor of Media and Communication</td>
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<tr>
<td>W62</td>
<td>Bachelor of Arts/Bachelor of Media and Communication</td>
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The Photomedia major 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.

Employment Opportunities

This major prepares students for work in a number of areas that involve photography.

Careers

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

PHYSICS

This major can be studied in the following courses:

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<td>Y83</td>
<td>Bachelor of Science</td>
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<tr>
<td>W58</td>
<td>Bachelor of Arts/Bachelor of Science</td>
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<tr>
<td>W32</td>
<td>Bachelor of Engineering Honours/Bachelor of Science</td>
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<tr>
<td>W27</td>
<td>Bachelor of Science/Bachelor of Commerce</td>
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Campus:

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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 industry's 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.

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.

Admission Requirements

All applicants are required to have 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.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Work Experience

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. For more information, see course details on our website.

Professional Recognition

Engineers Australia have provisionally accredited this course.

Employment Opportunities

Petroleum engineers work in a wide range of industries associated with the exploration, drilling and mining, development and operation of production and transport of raw and processed products as well as the downstream processing of fossil fuel derivatives.

Careers

Petroleum Engineer, Oil and Gas Engineer, Exploration Engineer, Reservoir Engineer, Drilling Engineer, Pipeline Engineer, Refining Engineer, Production Engineer
Admission Requirements
All applicants are required to have Physics ATAR, with equivalents considered, and have Mathematics: Methods ATAR, with equivalents considered.

Employment Opportunities
Employment opportunities go beyond positions with a specific description of Physicist. Additional employment opportunities include (but are not restricted to) science professionals in High Schools, teaching positions in High Schools and Universities, economic analysis positions in banks, analysts in the petrochemical industry, medical physicists in hospitals, etc.

Careers
Physicist, Astronomer, Teacher, Lecturer, Professor, Researcher

Production & Design MAJOR

This major can be studied in the following courses:

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<th>Stream</th>
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<tr>
<td>G81</td>
<td>Bachelor of Criminology and Justice</td>
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<tr>
<td>K30</td>
<td>Bachelor of Laws/Bachelor of Criminology and Justice</td>
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Availability & Campus:

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Full-Time

Part-Time

See more course information:
ecuworldready.com.au/waapa

WAAPA offers programs in this area, allowing students to specialise in costume, design, lighting, props and scenery, sound, and stage management. It provides students with the greatest diversity of ‘on-the-job’ theatrical experiences and students have access to simulated industry training in the design, construction and management of the Academy’s annual repertoire of 35-plus productions.

Careers
Scenic Designer, Costume Designer, Stylist, Art Finisher, Costumer, Dresser, Film Standby, Milliner, Muralist, Stage Manager, Production Manager, Wardrobe Supervisor

Production & Design: Costume STREAM

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.

Employment Opportunities
Employment opportunities exist in law enforcement, as well as customs, state and federal police, state and national security, community services, sociology and youth work, public and private sector, government agencies, research and universities, criminology, policy development, intelligence, crime analysis and restorative justice.

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

Production & Design: Design STREAM

WAAPA’s Design courses prepare students for industry employment through theoretical learning experiences paired with opportunities for practical application of skills.

Production & Design: Lighting STREAM

WAAPA’s Lighting program provides training in lighting design and lighting technology for theatre, film, television, concerts and trade presentations.

Policing MAJOR

This major can be studied in the following courses:

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<td>Bachelor of Laws/Bachelor of Criminology and Justice</td>
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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.

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Employment opportunities exist in law enforcement, as well as customs, state and federal police, state and national security, community services, sociology and youth work, public and private sector, government agencies, research and universities, criminology, policy development, intelligence, crime analysis and restorative justice.

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

Production & Design: Costume STREAM

WAAPA’s technical costume courses prepare students for industry employment through teaching methods designed to develop and refine the creative and practical skills of each individual.

Production & Design: Design STREAM

WAAPA’s Design courses prepare students for industry employment through theoretical learning experiences paired with opportunities for practical application of skills.

Production & Design: Lighting STREAM

WAAPA’s Lighting program provides training in lighting design and lighting technology for theatre, film, television, concerts and trade presentations.
Admission Requirements
All applicants are required to have a course Weighted Average Mark (WAM) of 65 or greater by the completion of their first year of study (120 credit points).

Work Experience
Students have the opportunity to seek a Work Integrated Learning placement with an industry partner. There are attendance requirements for this work experience.

Clearance and/or Risk Management
Protocols Required:
For more information, see course details on our website.

Careers
Security Officer, Intelligence Officer, Crime Prevention Officer, Governance Officer, Protection Officer, Risk Officer, Researcher, Policy Officer

Professional Youth Work
This major can be studied in the following courses:
- C56 Bachelor of Counselling
- G81 Bachelor of Criminology and Justice

Practicum
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. There are attendance requirements for this practicum.

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. Students on practicum must observe professional practice rules.

For more information, see course details on our website.
Employment Opportunities
Prepares graduates for a diverse range of positions in youth work. Depending on students' selection of complementary studies they may wish to pursue careers with a special focus on recreation, sport, adventure programs, youth arts, youth counselling, addiction services, youth mental health services, or youth justice. Entry level positions may be in youth welfare services including homeless support services, youth health, youth advice, advocacy and support programs. Graduates also find employment in youth holiday programs, youth activity centres, informal education with young people, school-based support programs, and chaplaincy.

Employers of youth work graduates include Local, State and Federal Government, National Charities and local community organisations.

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

PROJECT MANAGEMENT MAJOR

This major can be studied in the following courses:
W23 Bachelor of Commerce
W24 Bachelor of Arts/Bachelor of Commerce
W26 Bachelor of Engineering Honours/Bachelor of Commerce
W28 Bachelor of Laws/Bachelor of Commerce
W27 Bachelor of Science/Bachelor of Commerce

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.

Employment Opportunities
This major leads to varied career opportunities as project management skills are transferable across industries. Graduates could work in a variety of managerial and professional roles, including mining, oil and gas, health, property development, IT, banking, finance, engineering, not-for-profit organisations and local, state and federal government.

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

PSYCHOLOGICAL STUDIES COURSE

Certificate in Psychological Studies

Indicative ATAR: Not applicable
Duration: 1 Year

Availability & Campus:
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Full-Time
Part-Time

See more course information: [ecu.edu.au/courses/T02](http://ecu.edu.au/courses/T02)

This non-award, non-AQF qualification course is designed for students who are interested in obtaining an overview of the discipline of psychology. The course provides students with introductory knowledge about some of the latest theoretical issues impacting on psychology, and introduces some practical skills training in writing for psychology and research methods.

PSYCHOLOGY COURSE

Bachelor of Psychology

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:
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Full-Time
Part-Time

See more course information: [ecu.edu.au/courses/W74](http://ecu.edu.au/courses/W74)

This course is designed for students with a humanities or science background 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.
Employment Opportunities
Employment opportunities in psychology span across many fields, including human resources management, criminal justice, education, rehabilitation, business, mental health, counselling, and the administration and provision of social services; in particular, performing in any job or role that involves understanding and guiding human behaviour, showing empathy and compassion, and displaying skills such as the ability to evaluate the needs of a client, write formal reports, and keep accurate and organised records. Finally, this course will prepare students for further postgraduate studies in psychology.

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, Police Force Officer

Psychology, Criminology & Justice
Bachelor of Psychology, Criminology and Justice
Indicative ATAR: 70
Duration: 3 Years
Availability & Campus:

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See more course information: ecu.edu.au/courses/W73
This course is 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.

Employment Opportunities
Employment opportunities include case management in the criminal justice system, human resources management, education, rehabilitation, business, mental health, and the administration and provision of social services, and performing in any job or role that involves understanding and guiding human behaviour, showing empathy and compassion, and displaying skills such as the ability to evaluate the needs of a client, write formal reports, and keep accurate and organised records; in particular, this double major of psychology, criminology and justice prepares students for work within the criminal justice system, or for further postgraduate studies in psychology, criminology and justice.

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, Mental Health Services Worker

Psychology & Counselling
Bachelor of Psychology and Counselling
Indicative ATAR: 70
Duration: 3 Years
Availability & Campus:

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See more course information: ecu.edu.au/courses/W65
This course 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.

Employment Opportunities
Employment opportunities include counselling, human resources management, criminal justice, education, rehabilitation, business, mental health, and the administration and provision of social services, and performing in any job or role that involves understanding and guiding human behaviour, showing empathy and compassion, and displaying skills such as the ability to evaluate the needs of a client, write formal reports, and keep accurate and organised records; in particular, this double major of psychology and counselling prepares students for work in a counselling role, or for further postgraduate studies in psychology and counselling.
**SCIENCE COURSE**

**Bachelor of Science**

**Indicative ATAR:** 70  
**Duration:** 3 Years

**Availability & Campus:**

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**See more course information:**  
ecu.edu.au/courses/Y83

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 are available in the following disciplines:**  
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

**Admission Requirements**

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

**Employment Opportunities**

Graduates of the Bachelor of Science have a diverse range of career opportunities spanning across biological or environmental sciences, chemistry, physics, mathematics, computing, security and nutrition. The unique structure of this degree enables students to specialise in two science discipline areas, preparing them to meet the current cross disciplinary demands of the job market. Students benefit from a learning environment inspired by world class research academics with strong industry and government links.

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**PUBLIC RELATIONS MAJOR**

This major can be studied in the following courses:

- **W63** Bachelor of Media and Communication  
- **W62** Bachelor of Arts/Bachelor of Media and Communication

**Campus:**

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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.

**Employment Opportunities**

This major not only prepares students for employment specifically in public relations, but also in many other communication and media-related fields. It has a broadly applicable skill-set that transfers readily across many areas and sectors of business.

**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, Communications Manager, Events Coordinator, Events Manager

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**PUBLIC RELATIONS**

**MAJOR**

This major can be studied in the following courses:

- **W63** Bachelor of Media and Communication  
- **W62** Bachelor of Arts/Bachelor of Media and Communication

**See more course information:**  
ecu.edu.au/courses/Y83

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.

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**Employment Opportunities**

Graduates of the Bachelor of Science have a diverse range of career opportunities spanning across biological or environmental sciences, chemistry, physics, mathematics, computing, security and nutrition. The unique structure of this degree enables students to specialise in two science discipline areas, preparing them to meet the current cross disciplinary demands of the job market. Students benefit from a learning environment inspired by world class research academics with strong industry and government links.
**Related Studies**
Bachelor of Science/Bachelor of Commerce

**SCIENCE / COMMERCE COURSE**
Bachelor of Science/Bachelor of Commerce

- **Indicative ATAR:** 70
- **Duration:** 4 Years

**Availability & Campus:**
- JO
- ML
- BU
- OL

**Screen Performance**

COURSE

**Duration:** 1 Year

**Availability & Campus:**
- JO
- ML
- BU
- OL
- OL

See more course information:
ecuworldready.com.au/waapa

WAAPA offers a Screen Performance course which focusses on acting for the screen in either film or television productions. Subjects include a range of performance skills including different acting techniques, improvisation, movement, voice production, auditioning and self-testing.

**Careers**
- Actor, Film and Television Actor, Performer, Screen Actor

**Screen Production**

MAJOR

This major can be studied in the following courses:
- W63 Bachelor of Media and Communication
- W62 Bachelor of Arts/Bachelor of Media and Communication

**Campus:**
- JO
- ML
- BU
- OL

Students will produce creative and engaging content for the screen in ECU’s 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.

**Admission Requirements**

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

**Employment Opportunities**

Graduates of this double degree will contribute to the development and marketing of products and services which utilise and extend Australia’s strong scientific and technological expertise.
SECURITY COURSE
Bachelor of Science (Security)

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:

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See more course information:
ecu.edu.au/courses/E72

This course 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.

Employment Opportunities
Graduates will be well-equipped for a career in the broad domain of security. Suitable areas of employment include: corporate security, security engineering, government security, defence, intelligence, private sector security, strategic critical facilities, security consultancies, financial institutions security and major security organisations.

Careers

SECURITY MANAGEMENT MAJOR
This major can be studied in the following courses:

| K99 | Bachelor of Aviation |
| G81 | Bachelor of Criminology and Justice |

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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.

Employment Opportunities
This major equips students to access careers in national security, corporate security, defence, government, policing and law enforcement, homeland security, critical infrastructure protection, threat and risk assessment, security consultancy, corporate intelligence, counter terrorism, and security analysis.

Careers

SOCIAL SCIENCE COURSE
Bachelor of Social Science

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:

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See more course information:
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 are available in the following two disciplines:
Children and Family Studies, Human Services and Community Work

Practicum
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. There are attendance requirements for this practicum.

Clearance and/or Risk Management Protocols Required:
Risk Management Assessment is negotiated with the agencies and ECU under agreement arrangements. Students are required to have a Working With Children check.

Students on practicum must observe professional practice rules.
For more information, see course details on our website.
**Professional Recognition**
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.

**Employment Opportunities**
This course prepares graduates for working with people and communities, and being able to specialise in family support, child protection, early education and care, community work and community development.

**Careers**
Community Worker, Community Development Officer, Policy Officer, Family Support Officer, Parent Education Coordinator, Project Officer, Mental Health Worker, Human Services Manager, Policy Research Officer

**Related Studies**
Bachelor of Social Work
Bachelor of Youth Work

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**SOFTWARE ENGINEERING**  MAJOR

This major can be studied in the following course:

**U65  Bachelor of Computer Science**

**Campus:**

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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**
Software Developer, Software Engineer, Software Project Manager, Systems Analyst, Software Analyst, Systems Architect, Programmer

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**SPEECH PATHOLOGY**  COURSE

Bachelor of Speech Pathology

**Indicative ATAR:** 80

**Duration:** 4 Years

**Availability & Campus:**

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**See more course information:**
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.

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**Membership**
Graduates are eligible to apply for membership with the Australian Association of Social Workers (AASW).

**Non-Standard Timetable**
Students who elect to study online will be required to attend on-campus activities for a minimum of 5 days per semester in order to meet the accreditation requirements of the Australian Association of Social Workers (AASW).

**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

**Related Studies**
Bachelor of Counselling
Bachelor of Social Science
Bachelor of Youth Work

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**SOCIAL WORK**  COURSE

Bachelor of Social Work

**Indicative ATAR:** 70

**Duration:** 4 Years

**Availability & Campus:**

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**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 practice 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**
Students are required to undertake two 14-week social work field placements.

For more information, see course details on our website.
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.

**Admission Requirements**
Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

**Practicum**
Students are required to complete a substantial clinical practicum designed to provide the required range of clinical experience.

**Clearance and/or Risk Management Protocols Required**
Duty of care requirements must be met prior to commencing practicum placements. For more information, see course details on our website.

**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

**SPORT, RECREATION AND EVENT MANAGEMENT**

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**Associate Degree of Sport, Recreation and Event Management**

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**Availability & Campus:**

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**See more course information:**
edu.au/courses/Y53

This course is designed for those seeking to establish themselves in the sport, recreation and event industries, as well as for current employees seeking an industry-specific qualification. Students will graduate with not only theoretical knowledge but also the industry-focused practical skills that will lead to a successful career in the sport, recreation and events sector.

The course focuses upon an application of 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, and event operations management. Students also undertake a range of professional industry practice opportunities in the relevant industries.

**Employment Opportunities**
Career opportunities for graduates exist within a range of professional, commercial, not-for-profit and government sport, recreation and event organisations at local, state and national levels. Within these types of organisations, roles may involve working in, and contributing to, the management of clubs and associations, events, facilities, player and athlete development, programs, activities and services, or in sales, communications and marketing.

**Careers**
Sport and Recreation Event Officer, Recreation Services Officer, Sport Coordinator, Event Coordinator, Recreation Facility Officer, Outdoor and Adventure Recreation Program Coordinator, Youth and Children’s Program Coordinator, Sport and Recreation Officer, Community Development Officer

**Bachelor of Sport, Recreation and Event Management**

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**Availability & Campus:**

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**See more course information:**
edu.au/courses/C26

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. It 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. 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.

**Majors are available in the following disciplines:**

**Practicum**
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.

There are attendance requirements for this practicum.

**Clearance and/or Risk Management Protocols Required:**
Some organisations may require clearances, screenings and certificates, and will liaise directly with students regarding any requirements.

Students on practicum must observe professional practice rules.

For more information, see course details on our website.

**Employment Opportunities**
Career opportunities for graduates exist within a range of professional, commercial, not-for-profit and government sport, recreation and event organisations at local, state, national and international levels. Within these types of organisations, your role may involve managing aspects of clubs, associations and federations, events, facilities, sport and entertainment venues, player and athlete development, programs, activities and services, sales, communications and marketing or the hiring, training and supervising of staff.

**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

**SPORT BUSINESS MAJOR**

This major can be studied in the following courses:

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<th>Code</th>
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<tbody>
<tr>
<td>M89</td>
<td>Bachelor of Science (Exercise and Sports Science)</td>
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<tr>
<td>W24</td>
<td>Bachelor of Arts/Bachelor of Commerce</td>
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<td>W27</td>
<td>Bachelor of Science/Bachelor of Commerce (Sport Business)</td>
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<td>W28</td>
<td>Bachelor of Laws/Bachelor of Commerce</td>
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<tr>
<td>W31</td>
<td>Bachelor of Science (Exercise and Sports Science)/Bachelor of Commerce (Sport Business)</td>
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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**
Students will undertake work placement in one unit in a not-for-profit, incorporated sport organisation/club. There are attendance requirements for this practicum.

**Clearance and/or Risk Management Protocols Required:**
Some organisations may require clearances, screenings and certificates, and will liaise directly with students regarding any requirements.

Students on practicum must observe professional practice rules.

For more information, see course details on our website.

**Employment Opportunities**
Career opportunities for graduates exist within a range of professional, commercial, not-for-profit and government sport, recreation and event organisations at local, state, national and international levels. Within these types of organisations, your role may involve managing aspects of clubs, associations and federations, events, facilities, sport and entertainment venues, player and athlete development, programs, activities and services, sales, communications and marketing or the hiring, training and supervising of staff.

**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
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.

Employment Opportunities
Career opportunities for graduates exist within a range of professional, commercial, not-for-profit and government sport organisations at local, state, national and international levels. Within these types of organisations, your role may involve managing aspects of sport clubs, businesses, associations and federations, sport facilities and venues, player and athlete development, sport programs, events and services, sales, communications and marketing or the hiring, training and supervising of staff.

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

SPORTS SCIENCE MAJOR
This major can be studied in the following courses:

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<td>K99</td>
<td>Bachelor of Aviation</td>
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<td>Y53</td>
<td>Bachelor of Sport, Recreation and Event Management</td>
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<td>W58</td>
<td>Bachelor of Arts/Bachelor of Science</td>
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<td>W32</td>
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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.

Employment Opportunities
Graduates are prepared for careers in the health, exercise, fitness and sport industries.

Careers
Personal Trainer, Sports Development Officer, Exercise Scientist, Physical Activity Officer, Sports Coach, Strength & Conditioning Coach, Sports Scientist

SUSTAINABILITY COURSE
Bachelor of Sustainability
Indicative ATAR: 70
Duration: 3 Years
Availability & Campus:

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Students may be required to attend classes on both the Mount Lawley and Joondalup campuses to complete the course depending on the chosen major.

See more course information: ecu.edu.au/courses/C55
This course 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 are available in the following disciplines:
Developing Sustainable Communities, Humanities and Arts, Sustainable Business Management, Sustainable Environments

Employment Opportunities
Sustainability officers are employed predominantly by local government, by larger corporations and by consulting firms. Most businesses and industries in Western Australia have sustainability as a business focus with many positions specifically targeting this interdisciplinary area.
Lines of employment opportunity include conventional professions such as engineering, environmental management, law and business, as well as in providing qualification profiles for policy analysis and policy development, regional and community development, corporate reporting, risk management, innovation, strategic planning and leadership.

**Careers**
Sustainability Officer, Sustainability Practitioner, Sustainability Consultant, Government Officer, Scientific Adviser

**SUSTAINABLE BUSINESS MANAGEMENT MAJOR**

This major can be studied in the following course:

**C55 Bachelor of Sustainability**

**Campus:**

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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.

**Employment Opportunities**
Businesses incorporate the principles of sustainability and corporate social responsibility in day-to-day operations. Students with these skills will be employable across a range of industries.

**Possible future job titles**
Sustainability Officer, Sustainability Practitioner

**SUSTAINABLE ENVIRONMENTS MAJOR**

This major can be studied in the following course:

**C55 Bachelor of Sustainability**

**Campus:**

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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.

**Employment Opportunities**
Sustainability and environment officers work for government, industry and the non-government sector, in areas such as environmental protection, conservation, natural heritage, land and water management, mining and industry.

**Possible future job titles**
Sustainability Officer, Sustainability Practitioner, Consultant, Environmental Officer, Policy Advisor, Planning Officer, Research Officer

**TEACHER EDUCATION: EARLY CHILDHOOD STUDIES COURSE**

Bachelor of Education (Early Childhood Studies)

**Indicative ATAR:** 70

**Duration:** 4 Years

**Availability & Campus:**

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**See more course information:**

ecu.edu.au/courses/Y42

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.

**Admission Requirements**
All applicants are required to provide a personal statement. In addition to satisfying academic entry criteria, applicants for pre-service teacher education courses at Edith Cowan University must also satisfy non-academic criteria. At Edith Cowan University, applicants’ non-academic capabilities will be judged based on the submission of a 500 word personal statement. In this statement applicants will outline why they wish to become a teacher.
Careers
Kindergarten, Pre-Primary or Junior Primary Teacher, Child Care Professional, Pedagogical Leader

**TEACHER EDUCATION: PRIMARY**

Bachelor of Education (Primary)

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**Availability & Campus:**

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**See more course information:**
[ecu.edu.au/courses/Y41](http://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.

**Admission Requirements**

All applicants are required to provide a personal statement. In addition to satisfying academic entry criteria, applicants for pre-service teacher education courses at Edith Cowan University must also satisfy non-academic criteria. At Edith Cowan University, applicants’ non-academic capabilities will be judged based on the submission of a 500 word personal statement. In this statement applicants will outline why they wish to become a teacher.

**Practicum**

In each year of the program, students undertake compulsory Professional Practice and in the final year, students undertake an Assistant Teacher Program (ATP) comprising of one term of approximately 10 weeks of continuous teaching practice. The Assistant Teacher Program is conducted during the final year of the course in the second term of the school year.

There are attendance requirements for all practicums.

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

To undertake a Professional Practice in a school or childcare setting, all pre-service teacher education students over the age of 18 must have supplied ECU with evidence of the following two clearances:

- A valid Nationally Coordinated Criminal History Check (NCCHC) from the Department of Education WA.
- A valid Working with Children Check from the Department for Child Protection and Family Support WA.
- Further information can be found at [www.ecu.edu.au/schools/education/professional-practice/clearances](http://www.ecu.edu.au/schools/education/professional-practice/clearances)
- Students on practicum must observe professional practice rules.

For more information, see course details on our website.

**Professional Recognition**

Australian Children’s Education & Care Quality Authority (ACECQA), and Teacher Registration Board of Western Australia (TRBWA) have accredited this course.

**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. Graduates must meet the Teacher Registration Board of WA (TRBWA) literacy and numeracy proficiency requirements prior to graduation for teacher registration in Western Australia. Further information is available at [www.trb.wa.gov.au](http://www.trb.wa.gov.au)

**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.

**Employment Opportunities**

This course creates quality graduates ready to take up employment across the early childhood education sector, including teaching children from birth to 8 years of age.
Approximately 10 weeks of continuous teaching practice. The Assistant Teacher Program is conducted during the final year of the course in the second term of the school year. There are attendance requirements for all practicums.

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

To undertake a Professional Practice in a school or childcare setting, all pre-service teacher education students over the age of 18 must have supplied ECU with evidence of the following two clearances:

- A valid Nationally Coordinated Criminal History Check (NCCHC) from the Department of Education WA.
- A valid Working with Children Check from the Department for Child Protection and Family Support WA.

Further information can be found at www.ecu.edu.au/schools/education/professional-practice/clearances

Students on practicum must observe professional practice rules.

For more information, see course details on our website.

**Professional Recognition**

Teacher Registration Board of Western Australia (TRBWA) have accredited this course.

**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. Graduates must meet the Teacher Registration Board of WA (TRBWA) literacy and numeracy proficiency requirements prior to graduation for teacher registration in Western Australia. Further information is available at www.trbwa.gov.au

**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.

**Employment Opportunities**

Successful completion of the course presents graduates with the expertise required to take up employment as outstanding teachers, equipped with the knowledge and skills to make a positive difference to the lives of young people and teach in a classroom of their own.

**Careers**

Primary School Teacher

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**Teacher Education: Secondary**

Bachelor of Education (Secondary)

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<th>Indicative ATAR: 70</th>
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<td>Duration: 4 Years</td>
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**Availability & Campus:**

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Students may be required to attend both campuses depending on their selected major and minor combination.

**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 are available in the following disciplines:**


**Admission Requirements**

All applicants are required to provide a personal statement. In addition to satisfying academic entry criteria, applicants for pre-service teacher education courses at Edith Cowan University must also satisfy non-academic criteria. At Edith Cowan University, applicants’ non-academic capabilities will be judged based on the submission of a 500 word personal statement. In this statement applicants will outline why they wish to become a teacher.

One or more of the majors in this course has admission requirements. Refer to the major for more information.
Practicum
Students are provided numerous opportunities to make the connection between theory and practice, through professional practice experiences. Partnerships between the University and a diverse range of secondary schools allow students to gain the experience they need to become successful and confident teachers. Commencing in the second year, practicum placements allow students to apply their knowledge of secondary education and build professional and generic employability skills in real classroom settings, culminating in a 10-week Assistant Teacher placement in the final year of the degree.

There are attendance requirements for all practicums.

Clearance and/or Risk Management Protocols Required
To undertake a Professional Practice in a school or childcare setting, all pre-service teacher education students over the age of 18 must have supplied ECU with evidence of the following two clearances:

• A valid Nationally Coordinated Criminal History Check (NCCHC) from the Department of Education WA.
• A valid Working with Children Check from the Department for Child Protection and Family Support WA.

Further information can be found at www.ecu.edu.au/schools/education/professional-practice/clearances

Students on practicum must observe professional practice rules.

For more information, see course details on our website.

Professional Recognition
Teacher Registration Board of Western Australia (TRBWA) have accredited this course.

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. Graduates must meet the Teacher Registration Board of WA (TRBWA) literacy and numeracy proficiency requirements prior to graduation for teacher registration in Western Australia. Further information is available at www.trb.wa.gov.au

Employment Opportunities
This course is designed for students wishing to become secondary teachers of Biological Science, Design and Technology, Drama, English, Health and Physical Education, Home Economics, Mathematics, Music, Social Sciences and Visual Arts.

Careers
Teacher, Education Officer, High School Teacher, Art Teacher, Biological Science Teacher, Computing Teacher, Design & Technology Teacher, Digital Media Teacher, Drama Teacher

TOURISM & HOSPITALITY MANAGEMENT MAJOR

This major can be studied in the following courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>W23</td>
<td>Bachelor of Commerce</td>
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<tr>
<td>Y53</td>
<td>Bachelor of Sport, Recreation and Event Management</td>
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<tr>
<td>W24</td>
<td>Bachelor of Arts/Bachelor of Commerce</td>
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<tr>
<td>W28</td>
<td>Bachelor of Laws/Bachelor of Commerce</td>
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<td>W27</td>
<td>Bachelor of Science/Bachelor of Commerce</td>
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Campus:
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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
Fashion, writing, film and video, animation, and photography, students are immersed within visual culture to develop hybrid and traditional approaches to their creative praxis. The major 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.

**Employment Opportunities**
Graduates can find employment as curators, artists, designers, exhibition and installation team members and writers, both nationally and internationally.

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

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**Visual Arts Education Major**

This major can be studied in the following course:

**Y68 Bachelor of Education (Secondary)**

**Campus:**

JO ML BU OL

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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.

**Employment Opportunities**
Graduates will be eligible to seek employment in both government and non-government secondary schools teaching Visual Arts, and have the option to also work as specialist Kindergarten to Year 6 Visual Arts teachers.

**Careers**
Visual Arts Teacher

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**Visual & Spatial Design Major**

This major can be studied in the following course:

**W64 Bachelor of Design**

**Campus:**

JO ML BU OL

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.

**Employment Opportunities**
Employable in industries where design thinking is utilised.

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

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**Visual Arts Major**

This major can be studied in the following courses:

**W33 Bachelor of Arts**

**W62 Bachelor of Arts/Bachelor of Media and Communication**

**W57 Bachelor of Arts/Bachelor of Commerce**

**W58 Bachelor of Arts/Bachelor of Science**

**Campus:**

JO ML BU OL

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,
Employment Opportunities
This course prepares graduates for a diverse range of positions in youth work. Entry level positions may be in youth welfare services including homeless support services, youth health, youth advice, advocacy and support programs. Graduates also find employment in youth holiday programs, youth activity centres, informal education with young people, school-based support programs, and chaplaincy.

Depending on students’ selection of complementary studies they may wish to pursue careers with a special focus on recreation, sport, adventure programs, youth arts, youth counselling, addiction services, youth mental health services, or youth justice.

Employers of youth work graduates include, Local, State and Federal Government, National Charities and local community organisations.

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

Youth Work
Bachelor of Youth Work

Indicative ATAR: 70
Duration: 3 Years

Availability & Campus:

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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, Events Management, and Outdoor Adventure.

Practicum
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.

There are attendance requirements for this practicum.

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.

The practicum coordinator must view the Working with Children Check before students commence practicum. Placement agencies may also need to see the Working with Children Check. If a student is denied this card they will not be able to complete the practicum and will not be able to graduate from the course.

Students on practicum must observe professional practice rules.

For more information, see course details on our website.
### UNIVERSITY PREPARATION COURSE

**Duration:** 0.5 Years

**Availability & Campus:**

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**See more course information:**
ecu.edu.au/courses/C28

Prepares students for university-level study by teaching them the required skills for academic success, with an emphasis on the student becoming an independent learner. The course is conducted in a supportive and hands-on environment, and covers learning skills, research and writing processes, numeracy tools and accessing knowledge.

Additionally, students will be introduced to university life at ECU and will have access to course and career advice to assist in making informed decisions about undergraduate degree selection.

The course is suitable for both recent school leavers and mature age students who have not studied at university previously.

**Non-Standard Timetable**
This course may be able to be completed on-campus in a nine-week summer mode, prior to the beginning of first semester, so that students can get started on their undergraduate studies in the first semester.

### UNIVERSITY PREPARATION COURSE (EDUCATION)

**Duration:** 0.5 Years

**Availability & Campus:**

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**See more course information:**
ecu.edu.au/courses/C20

This course offers an entry pathway into selected undergraduate teaching degrees at ECU and prepares students for university-level study by teaching them the required skills for academic success, with an emphasis on the student becoming an independent learner.

The course is suitable for both recent school leavers and mature age students who have not studied at university previously, and for Education Assistants seeking professional development, which leads to entry into selected teaching degrees.
**INDIGENOUS UNIVERSITY ORIENTATION COURSE**

**Duration:** 0.5 Years

**Availability & Campus:**

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**See more course information:**
[ecu.edu.au/courses/CS1](http://ecu.edu.au/courses/CS1)

Provides a pathway for Aboriginal and/or Torres Strait Islander students to enter into most undergraduate courses at ECU. Students develop the academic skills and the cultural understandings of university necessary to succeed in higher education. Additionally, students will be introduced to university life at ECU and will have access to course and career advice to assist in making informed decisions about undergraduate degree selection.

The course is suitable for recent school leavers and mature age students who have not previously studied at university.

**Admission Requirements**

All applicants are required to be of Aboriginal and/or Torres Strait Islander descent, and be at least 18 years of age during their first year of study. Alternatively applicants can enter through the Aboriginal Student Intake Test (ASIT), where students have completed a Year 12 Western Australian Certificate of Education, with equivalents considered.

**Non-Standard Timetable**

The course may be able to be completed on-campus in a nine-week summer mode, prior to the beginning of the first semester, so that students can get started on their undergraduate studies in the first semester.

**Related Studies**

University Preparation Course: Students enrolled in the IUOC course will complete the UPC course structure.
ADMISSION PATHWAYS TO ECU

WE BELIEVE EVERYONE SHOULD HAVE THE OPPORTUNITY TO ACCESS A UNIVERSITY EDUCATION. THAT’S WHY WE’VE CREATED A RANGE OF ENTRY OPTIONS.

The application process can vary, based on whether you’re in Year 12, your educational qualifications, whether you’re a domestic or international student and the course for which you are applying. We recommend you contact us for a personal consultation about your options with one of our experienced Future Students staff. Please refer to the back of this brochure for a range of contact options or come to one of our information evenings or other events. For details, visit ecuworldready.com.au/events

UNIVERSITY PREPARATION COURSES (UNIPREP)
Our range of UniPrep courses provide an admission pathway to many of our undergraduate courses and are available to all prospective domestic students. These courses can be taken full-time or part-time. If you study full-time, you can complete UniPrep in one Semester. School leavers must complete Year 12, achieve WACE and meet English requirements. Visit ecuworldready.com.au/uniprep for more information.

Australian citizens, holders of a Permanent Humanitarian Visa, Permanent Residents and New Zealand citizens are eligible to study in a Commonwealth Supported place, making the UniPrep course free.

EXPERIENCE BASED ENTRY SCHEME
ECU’s Experience Based Entry Scheme assesses an applicant on a variety of measures including academic history, relevant experience including work and life skills.

As an applicant, you are asked to provide:
• Your academic records
• Two written references with at least one being a professional/work/school reference
• An introduction letter
An English assessment may also be required.

You may be offered a place in the course of your choice or the UniPrep course.

School leavers must achieve WACE and meet English requirements.

Our Experience Based Entry Scheme pathway is only available to domestic applicants and is not available for all courses.

It is recommended that you include UniPrep as a backup on your application in case you are not offered a place in our Bachelor degrees through this pathway.
THE FOLLOWING ADMISSION INFORMATION OUTLINES KEY POINTS AROUND APPLYING TO ECU.

The application process will differ depending on your entry pathway and the time of year that you apply. To find out which process applies to you, visit ecuworldready.com.au/entry. Please note there are minimum admission requirements to enter ECU courses, and some courses also have additional prerequisites and/or special admission requirements. Please refer to ecuworldready.com.au for the admission requirements of your course.

**ATAR – CURRENT YEAR 12 STUDENTS WITH AN ATAR AND THOSE WHO RECEIVED AN ATAR IN THE LAST 2 YEARS (2018 AND 2017)**

We will assess your application on one or more of the following:

- Satisfaction of English Competency requirements for the course you have selected (Bachelor Course or UniPrep)
- The information provided in your Experience Based Entry Scheme application (if applicable)
- Your achievement of WACE in Year 12 if applicable
- Any folio of work, audition or interview requirements relevant to the course for which you wish to apply

- If you have successfully completed a qualification from a Registered Training Organisation (for example, a Certificate IV or Diploma) as part of Year 12 or afterwards, you may be able to use this study to satisfy the requirements for entry into one of our undergraduate courses or UniPrep

If you will obtain an ATAR at the end of 2019 you should submit a Tertiary Admission Centre application via TISC (Tertiary Institutions Service Centre). If you are concerned you may not achieve the required ATAR for the course you wish to study, you should consider applying through our Experience Based Entry Scheme that takes into account relevant work, life skills and experience. In this instance apply through both TISC and direct to ECU. Please note that you may also be eligible for an automatic adjustment to be applied to your ATAR depending on the high school you attend(ed).

If you obtained an ATAR in the last 2 years (2018 and 2017) please apply direct to ECU.
NON ATAR – CURRENT YEAR 12 STUDENTS WHO WILL NOT OBTAIN AN ATAR OR STUDENTS WHO COMPLETED SECONDARY EDUCATION WITHIN THE LAST TWO YEARS (2018 AND 2017) WITHOUT AN ATAR

We will assess your application on one or more of the following:

• Satisfaction of English competency requirements for the course you have selected (Bachelor Course or UniPrep)
• The information provided in your Experience Based Entry Scheme application (if applicable)
• Your achievement of WACE in Year 12 if applicable
• Any VET qualifications at Certificate IV or above you have completed

VET STUDY APPLICANTS

We have a variety of flexible entry pathways available to you.

You will need to ensure you meet the following:

• English competency requirements
• Any subject prerequisites relevant to the course for which you wish to apply
• Any folio of work, audition or interview requirements relevant to the course for which you wish to apply

Apply direct to ECU via our online Applicant Portal at ecuworldready.com.au/apply and include details of the following where relevant:

• ATAR
• Certificate IV, Diploma & Advanced Diploma
• Experience Based Entry Scheme
**HIGHER EDUCATION STUDENT APPLICANTS**

(includes study at a university or a non-university higher education provider)

You may meet the minimum admission requirements for study at ECU. International university qualifications may also satisfy academic requirements; however you may be required to successfully complete a recognised English test.

You will need to ensure you meet the following:

- English competency requirements
- Any subject prerequisites relevant to the course for which you wish to apply
- Any folio of work, audition or interview requirements relevant to the course for which you wish to apply

Apply direct to ECU via our online Applicant Portal at ecuworldready.com.au/apply

**OTHER APPLICANTS**

We have a variety of flexible admission pathways available to you.

You will need to ensure you meet the following:

- English competency requirements
- Any subject prerequisites relevant to the course for which you wish to apply
- Any folio of work, audition or interview requirements relevant to the course for which you wish to apply

Apply direct to ECU via our online Applicant Portal at ecuworldready.com.au/apply providing details of the following where relevant;

- Experience Based Entry Scheme
- Special Tertiary Admissions Test (STAT). This national test is designed to assess aptitude for learning in a tertiary environment. It comprises two tests, written English and multiple choice, and is available for mature age students, over 19 years of age. For more information on the STAT, visit TISC www.tisc.edu.au
- Aboriginal Student Intake Test. This assessment is for Aboriginal and Torres Strait Islander applicants for entry into our preparation and undergraduate courses. For more information, visit ecuworldready.com.au/indigenous

**INTERVIEWS, FOLIOS AND AUDITIONS**

Some of our courses require an interview, folio of work and/or audition. You can check the admission requirements of the course you are interested in to see if this applies to you.

Some important things to note are:

- The format and structure of the interview, folio of work or audition can change depending on the course you are applying for
- In general, in an interview situation, staff interviewing you will be looking for a demonstration of abilities and cognitive skills in areas appropriate to the course. We will contact you to arrange an audition, interview or submission of your folio of work if required

To find out more, visit ecuworldready.com.au/interviews

**WESTERN AUSTRALIAN ACADEMY OF PERFORMING ARTS (WAAPA)**

Admission to the programs at WAAPA requires applicants to meet the ECU academic entrance requirements and English standards. In addition, applicants for WAAPA courses may need to complete an interview, audition and/or submit a folio of work as part of the selection process. If you are interested in applying to WAAPA, it is recommended that you attend the ECU & WAAPA Open Day on 11 August 2019 to receive all the information you need regarding the folio and audition process.

Information is also available on the WAAPA website, waapa.ecu.edu.au

Please note that Experience Based Entry Scheme applications are not accepted for WAAPA courses.
FEES &
FINANCIAL ASSISTANCE

AS A NEW STUDENT, IT IS IMPORTANT TO CONSIDER HOW MUCH YOUR UNIVERSITY STUDIES WILL COST AND WHAT FORMS OF ASSISTANCE ARE AVAILABLE TO YOU. TUITION FEES ARE THE MAIN EXPENSE YOU WILL INCUR WHILE YOU STUDY. HOWEVER, THERE ARE OTHER COSTS AS WELL, SOME OF WHICH ARE LISTED BELOW.

TUITION FEES
The tuition fees you pay are based on what course and units you choose to study. Visit ecuworldready.com.au/fees and use our online Fees Calculator for more information. The calculator will provide an estimate of the fees you will be required to pay or can defer on a government loan scheme if you are eligible.

COMMONWEALTH SUPPORTED PLACES
ECU offers Commonwealth Supported undergraduate places to eligible students who are Australian Citizens, Permanent Residents, holders of Permanent Humanitarian Visas and New Zealand Citizens. This means that the Government contributes towards your tuition fees and you are responsible for the rest, which is your student contribution. If you are an Australian Citizen, the holder of a Permanent Humanitarian Visa or an eligible New Zealand citizen, you may also be eligible to access the HECS-HELP scheme which allows you to defer your fees until your taxable income is above the minimum threshold for compulsory repayment.

For more information about eligibility for HECS-HELP, please visit www.studyassist.gov.au

STUDENT SERVICES & AMENITIES FEE
The Student Services and Amenities Fee (SSAF) is a compulsory payment collected by the University for the provision of a range of services and expanded initiatives in areas including health, counselling, sport and recreation, social clubs and societies, student welfare, careers advice, student advocacy, orientation and student representation.

OTHER EXPENSES
As a student, you will be responsible for purchasing text books and any equipment required for your course. The cost of these items varies widely from one course to another. Other expenses that you may incur include food, parking, consumables such as stationery and photocopying, as well as transport costs to and from university, including any work placements or off-campus activities.

ECU STUDENT LOANS & STUDENT GUILD LOANS
We offer interest-free loans to eligible students to assist them with some university costs. These loans are aimed at assisting eligible ECU students to successfully complete their course by improving their financial situation. Student loans can assist in covering expenses such as text books, up-front charges relating to securing accommodation and costs relating to personal emergencies. The ECU Student Guild also offers interest-free financial loans to eligible Guild members.

YOUTH ALLOWANCE, AUSSUDY & ABSTUDY
You may be eligible to receive financial assistance under these Commonwealth Government schemes. For details, visit www.centrelink.gov.au

For further information on the range of financial assistance you can access as an ECU student, visit ecuworldready.com.au/fees
GOING TO UNIVERSITY CAN BE A VERY REWARDING EXPERIENCE, BUT ALSO A COSTLY ONE. AT ECU, WE HAVE A NUMBER OF SCHOLARSHIPS THAT CAN HELP EASE FINANCIAL PRESSURE AND HELP YOU COMPLETE YOUR UNIVERSITY STUDIES.

Scholarships are not loans, they provide funds that can be used to cover fees, cost of textbooks, travel and a wide range of other expenses. They are not required to be repaid.

Scholarships include those funded by ECU, the Commonwealth Government, as well as those funded by corporate, institutional and private donors. They are available to a wide range of students, such as high academic achievers, Aboriginal and/or Torres Strait Islander Australians, students from low socio-economic backgrounds or rural and regional areas, and to students with disabilities.

Some of the scholarships available are:

**ECU EXCELLENCE SCHOLARSHIPS**
Awarded to Western Australian Year 12 school leavers displaying outstanding academic excellence and endeavour, who nominate a higher education course at ECU as their first preference.

**ECU EQUITY SCHOLARSHIPS**
Assist students from designated equity groups who are enrolled in a Bachelor degree course with the costs associated with university study. Applications are sought from students from low socio-economic backgrounds, people with a disability or ongoing illness, people with significant caring responsibilities, or those from rural or regional areas.

**INDIGENOUS COMMONWEALTH SCHOLARSHIPS**
Assist Aboriginal and/or Torres Strait Islander students with their education and/or relocation and accommodation costs.

**ECU VICE-CHANCELLOR’S ABORIGINAL AND/OR TORRES STRAIT ISLANDER SCHOLARSHIPS**
Open to Aboriginal and/or Torres Strait Islander students who have successfully completed at least two semesters of full-time study (or the equivalent part-time). The recipient is selected on the basis of academic merit, leadership and contribution to the community.

**ECU ABORIGINAL AND/OR TORRES STRAIT ISLANDER SCHOLARSHIPS**
Assists Aboriginal and/or Torres Strait Islander students enrolled in a Higher Education course with the costs associated with university study.

**ECU SOUTH WEST CAMPUSSCHOLARSHIPS**
Awarded to Western Australian Year 12 school leavers displaying outstanding academic excellence and endeavour, and who nominate a higher education course at ECU’s South West Campus as their first preference.

**ECU UNDERGRADUATE DONOR SCHOLARSHIPS**
ECU has many donors who offer scholarships to support our students with their academic studies.

**ECU WAAPA SCHOLARSHIP**
The ECU WAAPA Scholarship is open to Western Australian Year 12 school leavers displaying outstanding academic excellence and endeavour. You are encouraged to apply if you are nominating ECU as your first preference of university through TISC, or if you apply directly to ECU for the Western Australian Academy of Performing Arts (WAAPA) undergraduate bachelor degree courses.

GRADUATE CERTIFICATES

A GRADUATE CERTIFICATE IS A GREAT WAY TO DIVERSIFY YOUR CURRENT SKILLS AND KNOWLEDGE, WITH COURSES FEATURING ONLY THREE OR FOUR UNITS. A GRADUATE CERTIFICATE CAN ENHANCE YOUR EMPLOYABILITY, DEVELOP A SPECIALISATION OR SIMPLY FORMALISE YOUR EXISTING SKILLS AND KNOWLEDGE. THE BEST PART IS THAT IT CAN BE COMPLETED IN AS LITTLE AS SIX MONTHS FULL-TIME STUDY, OR PART-TIME EQUIVALENT.

There are two kinds of Graduate Certificates. The first type can enhance your current knowledge, like the Graduate Certificate of Education (Learning Difficulties) for currently qualified teachers. The second can diversify your knowledge, like the Graduate Certificate of Business. Some Graduate Certificates require a completed Bachelor degree, however many are available to people who have five years or more professional experience in the field, regardless of their previous qualifications.

A completed Graduate Certificate is a recognised pathway into many other postgraduate coursework programs, including Graduate Diplomas and Masters. Visit ecuworldready.com.au/postgraduate and search for a Graduate Certificate that caters to your specific interests. There you’ll find details on specific admission requirements, availability, mode of delivery and optional electives or specialisations.
If you are passionate about a particular subject, an Honours program will enable you to explore this area of study in greater depth. In most programs, Honours is an additional year of study (a fourth year) at the undergraduate level, and includes some coursework units and a research thesis or project.

Entrance to an Honours course is normally by School invitation to students with a course average of 70% or higher. Students who have a course average close to 70% and who have demonstrated an aptitude for research and independent study may apply to be considered for Honours.

An ECU Honours degree will enhance your employment opportunities and may fast track your entry into a PhD without completing a Masters by Research.

Honours graduates are highly valued by prospective employers for their excellent writing, critical thinking, analytical communication and research skills, allowing them to put their mark on complex projects and stand out from the crowd as a future leader in their field.

An Honours year normally consists of:
- Both research and coursework units
- One semester’s coursework study
- Preparing a research proposal and methodology
- Conducting a research project
- Presenting the research results in a thesis
KEY Uni TERMS

Bachelor Degree
A qualification that requires three or four years of full-time or equivalent part-time study.

Certificate
An award that requires a minimum of six months of full-time or equivalent part-time study.

Double Degree Program
Double degrees normally require four or five years of full-time or equivalent part-time concurrent study for two awards in a wide range of disciplines. Double degrees are available in selected areas only and incorporate study in two different fields, e.g. Bachelor of Science / Bachelor of Commerce.

Double Major
Studies undertaken in two major unit sets under one degree. Some course structures specify double major requirements, other course structures allow for students to undertake a second major unit set of their choice.

Duration
The minimum amount of time required to complete a course. This is based on full-time study, unless the course is only available to be studied part-time.

Honours Degree
Degree courses taken with Honours require advanced study of up to one year full-time following the first three years of a Bachelor course. Successful Honours graduates may be eligible to proceed to Stage 2 of Master degrees or directly to doctoral studies.

Major
A set of units within a course that focus on a specified discipline, e.g. a Bachelor of Arts with a major in English.

Minor
A smaller set of units (normally six), which focus on a specified discipline.

Online Study
Study undertaken externally or online.

Practicum
A part of a course providing learning experiences outside the University in a relevant professional setting such as a school or hospital. During the professional placement, the student may either be an active participant or merely an observer. A practicum may be undertaken as either part of a unit or as a complete unit within a course.

School
Title given to academic organisational units within the University.

Semester
The name given to the two standard teaching periods (Semester One and Semester Two) in the academic year, in which the majority of on-campus students are required to attend in order to complete their course.

Undergraduate Student
A student pursuing a Diploma, Advanced Diploma, Associate Degree, Bachelor Degree or Honours.

Unit
Basic component of study normally comprising a weekly lecture and tutorial. A unit can be a foundation/core unit, major or minor unit, or elective unit.
DISCLAIMER
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. This publication is intended for Australian citizens and permanent residents only. Some information contained in this publication may not be applicable to international students.

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.
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.

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