

EDITH COWAN UNIVERSITY

BIOLOGY, CHEMISTRY & ENVIRONMENTAL SCIENCE

2012 COURSE GUIDE

APPLIED AND ANALYTICAL CHEMISTRY
BIOLOGICAL SCIENCES
CONSERVATION AND WILDLIFE BIOLOGY
ENVIRONMENTAL MANAGEMENT
ENVIRONMENTAL SCIENCE
MARINE AND FRESHWATER BIOLOGY
SCIENCE



ECU. THE JOURNEY BEGINS.

Life is full of journeys. Childhood to adulthood. School to uni. Starting your first job to advancing your career. All these journeys require a clear path to help ensure the journey goes in the direction you want it to go. So when we say the road is open at ECU, we're reflecting our commitment to ensuring the obstacles and barriers that sometimes get in the way, can be effectively managed and overcome. It's how ECU thinks and why we do things differently. Everyone's journey is unique, reflecting personal hopes and aspirations. But the road is open at ECU to help you realise your ambitions and reach your destination, wherever that may be.

This is a remarkable year for ECU. It marks the 150th anniversary of our namesake Edith Cowan's birth, the 90th anniversary of her election to parliament and the 20th anniversary of the establishment of Edith Cowan University, named in her honour.

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WHY STUDY BIOLOGY, CHEMISTRY & ENVIRONMENTAL SCIENCE AT ECU?

When it comes to studies in the environmental and science area, ECU's world class research in Environmental Science (ERA 2011) and recognised excellence in teaching (The Good Universities Guide 2011) leaves other universities green with envy. You will find a range of relevant and practical degrees that can lead to distinctly different careers in fields such as biological sciences, environmental management, chemistry, conservation and wildlife biology, marine biology and more.

'REAL-WORLD' EXPERIENCE

Our students are immersed in a stimulating and highly supportive teaching and learning environment. All courses are structured to have a strong practical component and most include a requirement for students to be involved in work experience practice. Industry professionals are regularly brought in to give guest lectures and students are exposed to the 'real-world' in the laboratory and on field trips. Our students also get the chance to conduct research that will benefit the community and ecosystem.

TEACHING AND LEARNING EXCELLENCE

ECU is committed to teaching and learning excellence and boasts a five star rating for Teaching Quality and Graduate Satisfaction, in The Good Universities Guide 2011. In the areas of teaching quality, generic skills and overall satisfaction for Science and Environmental Studies areas, the guide's ratings place ECU in the top five nationally.

All biology, chemistry and environmental science courses offered are regularly reviewed by course Consultative Committees (consisting of industry and government representatives) who provide valuable feedback on our approaches and content. This means that all degrees are tailored to the needs of the discipline, our students and potential employers.

STATE-OF-THE-ART FACILITIES

Our science students and researchers have access to the latest facilities and equipment in the University's state-of-the-art, award-winning, purpose built \$28 million Science and Health building. This environmentally-friendly building includes a range of features to reduce energy consumption by maximising the use of rainwater, solar energy and natural light. The principles of sustainability are also reflected in its design.

HUNDREDS OF HIGH SCHOOL STUDENTS VISIT ECU AS LABRATS

Year 10 students from around Western Australia are able to experience first-hand what it is like to study in one of ECU's state-of-the-art laboratories. Escorted around campus by current budding ECU scientists, students participating in the 'LabRats' program can experience a mock oil spill clean up, take and test samples from the campus lake and even conduct DNA testing. The annual event has been running for a decade and allows hundreds of local students each year to experience some of the many exciting topics they are able to study at ECU.



SO WHAT ARE YOU GOING TO DO WITH THE REST OF YOUR LIFE?

That's the big one. A question that stumps school leavers the world over. For some it inspires soul-searching backpack expeditions and others use all of their powers of procrastination to avoid it.

Now, imagine something simpler. Imagine if somebody could show you how all the stuff in your room could lead you to an amazing future. This is what 'The ME Project' does. Just upload a shot of your room and our team will tailor-tag your stuff with uni courses that suit your interests.

Check it out at
www.theMEproject.com.au

Upload your room,

download a future.

FACILITIES AND SERVICES



CAMPUSES AND ACCOMMODATION

ECU has excellent on-campus accommodation at all three campuses. Take the time to visit our brand new \$38 million student accommodation at Mount Lawley that features state-of-the-art facilities such as a pool, café, student lounges with wifi, e-library and more!

The Residential Assistants are here to support you and ensure you enjoy a full student life program, designed to make the most of your ECU experience.

Off-campus housing assistance is also provided. For more information and to apply visit www.ecuvillage.com.au

HEALTH SERVICES

Medical Centres are conveniently located on the Joondalup and Mount Lawley Campuses. Health services provided include GP consultations and nursing treatments.

HEALTH AND WELLBEING

ECU is committed to ensuring that its students enjoy a high degree of emotional wellbeing, by providing a comprehensive range of support services.

STUDENT COUNSELLING SERVICE

The Counselling service is a short-term, professional and confidential service. It is available to all students free of charge, to address any academic and personal issues that impact on your studies. Our Counsellors come from a range of professions and have postgraduate qualifications, skills and experience in helping people with a wide range of personal, psychological and study-related difficulties.

DISABILITY SERVICES

ECU's Disability Service supports students in accessing programs and services that can help them to succeed. Students with a short-term or permanent disability can register and receive assistance through a variety of support programs.

MULTI-FAITH CHAPLAINCY SERVICE

ECU supports spirituality and faith as an integral part of our students' lives. Our visiting chaplains are skilled professionals, recognised within their own faith traditions and the University.

SPORT AND FITNESS

Modern, fully equipped sports, recreation and fitness centres are located on the Joondalup and Mount Lawley campuses. ECU South West (Bunbury) features multi-purpose playing courts and a mini gym. As an ECU student, you receive discounted gym membership and are invited to take part in intervarsity and interfaculty sport, sporting clubs and sporting trips. For more details please visit www.ecu.edu.au/sport

OTHER RECREATIONAL AND SOCIAL

Clubs and societies, Study Abroad and Exchange Program, Student Guild and taverns.

STUDENT CENTRAL

Our Student Central Office on each campus is the first point of reference for all student enquiries regarding academic progress information, enrolment information, cashier services and assistance, with a range of other support services including access cards, campus maps, lodgement of forms and parking permits.

SECURITY (24 HOURS A DAY, 7 DAYS A WEEK)

ECU promotes a safe environment for all its students and staff. Campus security provides an on-campus security escort service for students and staff anywhere on request 24 hours a day, seven days a week on the metropolitan campuses and with services during daytime and early evening seven days per week on the South West campus.

ENVIRONMENTAL AWARENESS

ECU Environmental Services provides support and advice in helping you make sustainable decisions relating to your study needs, study facilities and work environment. Our services include managing energy consumption, water conservation, waste management, reducing paper and environmentally friendly travel to and from campus. We aim to build our facilities with our environmental footprint in mind, so as to minimise the impact on our natural resources. For more information visit www.reachyourpotential.com.au/sustainability

OTHER ON-CAMPUS FACILITIES

ATMs, bookshops, childcare centre / crèche, cafés, hairdresser, library, optometrist, parking and SmartCard are all available to help you make the most of your ECU experience.



As of 2012, ECU will become smoke-free.

For more information, visit www.reachyourpotential.com.au/services

ENTRY PATHWAYS

ECU is leading the way in creating innovative entry options that enable people from all backgrounds to enrich their lives and their communities through education. ECU provides the support and flexibility to all students wanting to start a journey in further education.

The following pages outline the entry pathways for School Leavers, Recent School Leavers and Mature Age applicants. You are considered a Mature Age applicant if you are 20 years of age or over on 1 March in the year you wish to commence studies.

ATAR

If you are studying or have studied four courses at WACE Course Stage 2 or above, you're an ATAR student.

As an ATAR student, you must meet:

- Course minimum ATAR
- Satisfactory performance in four courses at WACE Course Stage 2 or above
- English competency (WACE Course Stage 2 or above)
- The requirements of the Western Australian Certificate of Education (WACE)
- Any prerequisites for the course you want to apply for

If you don't think you are going to get the ATAR for the course you wish to study, you should consider submitting a portfolio of your work and we will consider you via our Portfolio Pathway outlined on the following page.

NON-ATAR

We provide the Portfolio Pathway for School Leavers who are not going to generate an ATAR to study our courses. School leavers who don't meet entry requirements for one of our Bachelors courses straight off through their portfolio application, might be eligible to enter one of our University Preparation Courses and use that as a stepping stone into a Bachelors degree.

PORTFOLIO PATHWAY

ECU's Portfolio Pathway works well for applicants who want to highlight their experiences and qualifications as a means of gaining entry into a course.

This pathway caters for:

- School Leavers and recent School Leavers with a near-miss ATAR for their chosen course or who will not obtain an ATAR
- Mature Age applicants, who wish to enter university studies after several years away from formal education.

As part of your Portfolio, you will need to include an introductory letter, a resume, two written references and copies of any certificates, awards or academic records.

An interview may also be required as part of the assessment.

Applicants must meet all entry requirements for the portfolio pathway and the prerequisites for a particular course.

UNIVERSITY PREPARATION COURSES

ECU offers a variety of preparation courses if you wish to improve your study skills while meeting ECU entry requirements.

- University Preparation Course (UPC)
- University Preparation Course (Education Assistant)
- University Preparation Course (Education Assistant: Special Needs)
- Indigenous University Orientation Course

Australian Citizens, holders of a Permanent Humanitarian Visa, Permanent Residents and New Zealand Citizens, are eligible to study in a Commonwealth Supported Place, making these courses free, with no up-front or deferred tuition fees. UPC courses have entry requirements.

PREVIOUS STUDY AT A REGISTERED TRAINING ORGANISATION

If you have successfully completed Registered Training Organisation (RTO)/Vocational Education and Training qualifications from a recognised institution, such as TAFE or PIBT, then you may be able to use this study to fulfill minimum admission requirements into one of our undergraduate courses.

The level of courses that you meet the requirements for will depend on the level of vocational qualification you have completed and whether you completed it as part of your secondary studies or as a mature age student.

If you hold a Certificate III or Certificate IV, please contact us to find out what courses you are eligible to apply for.

A Diploma or Advanced Diploma may allow you entry into most undergraduate courses and may allow you to gain advanced standing towards some of the credit points in our courses.

Contact us for more information about the vocational qualification you are completing or have completed to allow us to assess your qualifications for entry.

PREVIOUS TERTIARY QUALIFICATIONS

If you have successfully completed units at university level in Australia, you may meet minimum entry requirements into ECU. Overseas university qualifications may also meet requirements.

THE SPECIAL TERTIARY ADMISSIONS TEST (STAT)

The STAT is a national test designed to assess aptitude for learning in a tertiary environment. It comprises two tests, Written English and Multiple Choice. Generally this test is only available to applicants aged 20 and over. For details, visit the Tertiary Institutions Service Centre website www.tisc.edu.au

RETURNING TO OR REPEATING YEAR 12

It is possible to complete Year 12 and requisite examinations to gain an ATAR if you have not completed high school in the past. For more information about organisations which can help you, visit www.tisc.edu.au

ENGLISH COMPETENCY

In addition to any academic and other special requirements, applicants need to meet English competency requirements.

WHAT DOES SATISFACTORILY COMPLETING PREREQUISITES MEAN?

Prerequisites can be met in any year and a minimum scaled score of 50 is normally required for prerequisite WACE courses and equivalent subjects such as TEE subjects.

APPLICATIONS AND ADMISSIONS

The Application process will differ depending on your pathway and the time of year you apply. To find out which process to use, please visit www.reachyourpotential.com.au/entry

ENTRY PATHWAYS

Research your options at reachyourpotential.com.au and visit our Open Days in July and August to decide what to study.

SCHOOL LEAVERS
PROCESS
(ATAR STUDENTS)

Apply via TISC
(Semester 1 only).
or
Apply direct to ECU
(Semester 2).

If you are worried your ATAR may not be what you expected, submit a portfolio to ECU.

SCHOOL LEAVERS
PROCESS
(NON-ATAR STUDENTS)

Apply direct to ECU.
Semester
1 and 2.

Submit a portfolio
to ECU.

MATURE AGE STUDENT
PROCESS

Apply via TISC, except if you studied with us before, or are applying for portfolio entry - then you apply directly to ECU. Before selecting the entry pathway most suitable for you, it is important to meet English competency and any subject prerequisites to the course.

To find out more visit www.reachyourpotential.com.au/entry

APPLICATIONS VIA TISC

Many applicants for undergraduate courses commencing in 2012 will apply via the Tertiary Institutions Services Centre (TISC). For more information about TISC, visit www.tisc.edu.au

DIRECT APPLICATION TO ECU

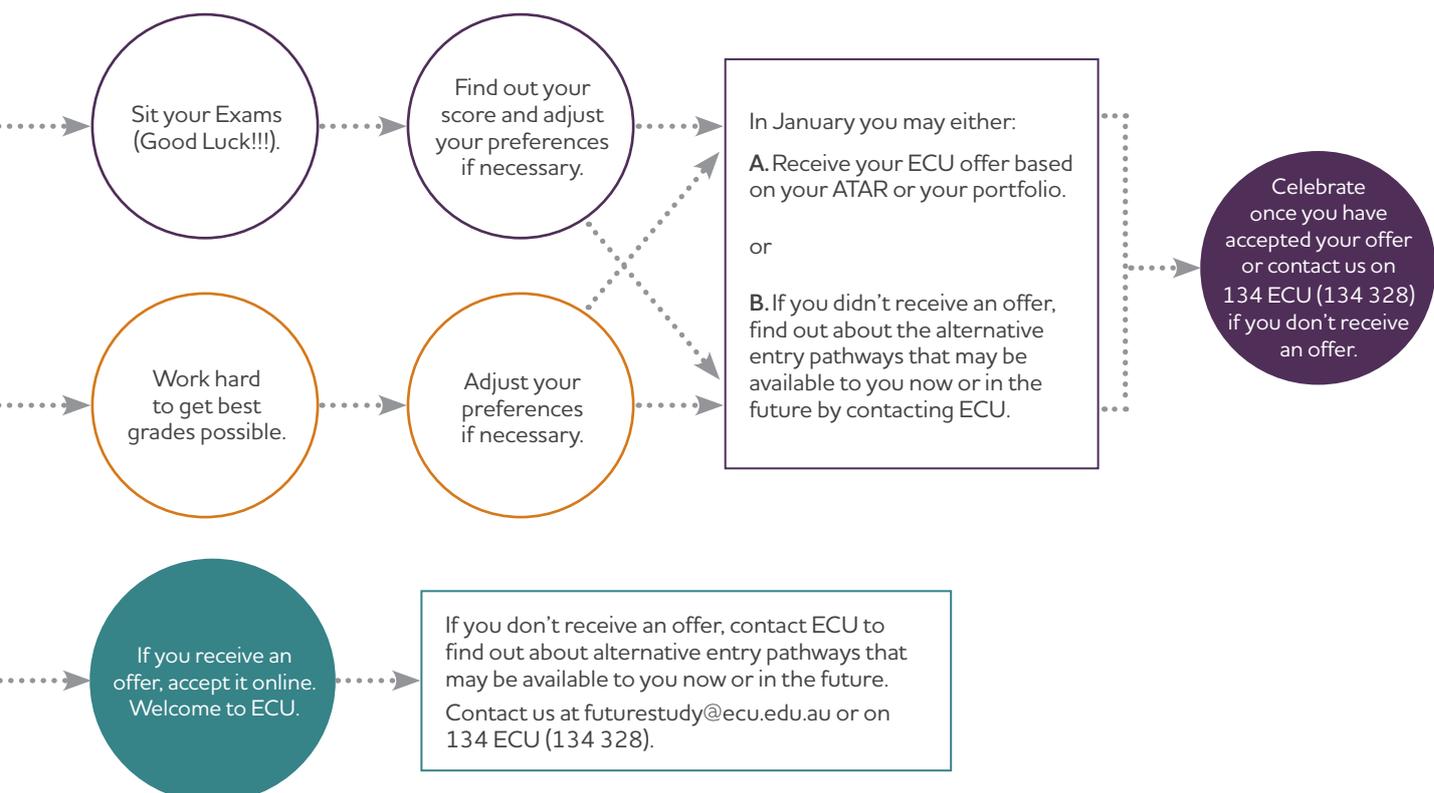
If you are a School Leaver who might not achieve an ATAR, have an existing relationship with ECU or are applying for postgraduate study, you can apply to ECU directly by using our online application process at www.reachyourpotential.com.au/apply. If you require assistance with a direct application, you are welcome to visit our Joondalup, Mount Lawley or Bunbury Campuses and complete your application with us on-site.

PORTFOLIO PATHWAY

Our Portfolio Pathway allows students to be considered for entry to bachelor courses and university preparation courses. You need to upload your portfolio documentation with your application via our online admissions system. Please submit your portfolio by the end of November to be considered for first round of offers in 2012. For more information on the Portfolio Pathway, please visit www.reachyourpotential.com.au/entry

INTERVIEWS, FOLIOS AND AUDITIONS

Some ECU courses require an interview, folio or audition. Check the Admission Requirements of the course you are interested in to see if this applies to you. You can find out about the requirements of an interview, folio and audition by visiting www.reachyourpotential.com.au/interviews





BACHELOR OF SCIENCE

This course provides high quality science and technology based studies in a wide range of areas from which students can select combinations of majors that are relevant to their interests and aspirations.

The course can be structured as a suitable entry degree for a range of postgraduate, professionally based, science courses such as Dietetics, Medicine, Pharmacy, Physiotherapy and Occupational Therapy.

ECU gives you science skills you can use in the real world.

I was initially attracted to Chemistry because of the resources boom, but as I started studying at ECU, I began to see a whole range of exciting career pathways opening up. The environment is really relaxed and the staff are very supportive, while learning real-life skills like communication and time-management made the transition from university to work even easier. I enjoyed the experience so much that I came back to ECU to study honours.

HAYLEY WHITE
ECU Science Honours graduate

Students can select their majors from the following disciplines: Applied Chemistry, Aviation, Biological Sciences, Catchment and Land Management, Coastal Environmental Science, Computer Science, Conservation Biology, Environmental and Biological Chemistry, Environmental Management, Exercise and Sports Science, Human Biology, Marine and Freshwater Science, Mathematics, Nutrition, Physics, Security Technology, Surf Science.

Please note that Coastal Environmental Science and Surf Science disciplines are offered at the ECU South West (Bunbury) campus only and all other disciplines are offered at the Joondalup campus only.

Duration: 3 years full-time or part-time equivalent
Availability: Full-time / Part-time / On-campus
Campus: Bunbury / Joondalup

Admission Requirements: Applicants will require for the Mathematics major: Satisfactory performance in WACE Mathematics 3C/3D or Mathematics: Specialist 3C/3D, or equivalent.

See more course information at:
reachyourpotential.com.au/courses/308



BACHELOR OF SCIENCE / BACHELOR OF BUSINESS

This course was developed in response to a demand for graduates with a combination of skills and knowledge in both science and business.

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.

The double degree will allow scientifically able students to undertake four years of concurrent study in science and business across a wide range of disciplines.

Science disciplines include: Applied Chemistry, Aviation, Biological Sciences, Catchment and Land Management, Conservation Biology, Computer Science, Environmental Management, Environmental and Biological Chemistry, Human Biology, Information Technology, Marine and Freshwater Science, Mathematics, Nutrition, Physics, Security Technology, Software Engineering, Sports Science.

Business disciplines include: Accounting, Business Law, Economics, Event Management, Finance, Hospitality Management, Human Resource Management, International Business, Management, Management of Information Technology, Marketing, Planning, Sport Management, Tourism Management.

Duration: 4 years full-time or part-time equivalent

Availability: Full-time / Part-time / On-campus

Campus: Joondalup / Mount Lawley

Note - Students may be required to travel between campuses depending on their selection of majors.

Admission Requirements: Applicants will require for the Mathematics major: Satisfactory performance in WACE Mathematics 3C/3D or Mathematics: Specialist 3C/3D, or equivalent.

See more course information at:
reachyourpotential.com.au/courses/K49

BACHELOR OF SCIENCE (APPLIED & ANALYTICAL CHEMISTRY)



This course provides students with a thorough background in analytical chemistry with a strong emphasis on instrumentation and analytical skills. It is designed to meet industries' need for capable, dynamic and innovative graduates with well-developed technical skills and a sound theoretical knowledge in analytical chemistry.

Duration: 3 years full-time or part-time equivalent. Students with a relevant TAFE diploma may be able to complete the course in 2 years

Availability: Full-time / Part-time / On-campus

Campus: Joondalup

Admission Requirements: Students must have a completed Diploma, Advanced Diploma or equivalent in a relevant discipline from a registered training organisation.

Applicants who have passed either WACE Chemistry 3A/3B, WACE Integrated Science 3A/3B, or equivalent may, with approval from the Course Coordinator, enrol in this course while concurrently undertaking TAFE studies.

Additional Course Information: The Royal Australian Chemical Institute has accredited this course allowing students to become members of this nationally recognised institute.

Careers: Analytical Chemist, Forensic Chemist, Government Scientist, Industrial Chemist, Instrumentation Consultant

See more course information at:
reachyourpotential.com.au/courses/G60



Chemistry is challenging but ECU brings it to life.

Chemistry at ECU prepares you for what the industry requires. The course challenges you to extend yourself intellectually, whilst providing you with a wealth of industry-relevant skills. The labs at ECU have the highest standard of equipment and through practical work you're ready to apply yourself in industry labs. My studies at ECU resulted in me winning a scholarship for the Department of Industry and Resources. It was a testament to hard work and great support from ECU staff.

MATTHEW WINTERS
ECU Chemistry graduate



BACHELOR OF SCIENCE (BIOLOGICAL SCIENCES)

My course allows me to do things most people only dream of.

The Biological Science course at ECU has given me a good understanding of the fundamental concepts of biology and how they connect with and help me critically analyse the results from advanced research.

Fieldwork is an important part of my course. I've helped with reptile surveys and research projects all over the state. These opportunities took me to stunning areas of WA, including the Kimberley and allowed me to get up close and personal with elusive species of native fauna that most people don't even know exist.

MARCUS COSENTINO

ECU Biological Sciences Masters student

This course is designed for students with a strong interest in the living world. It covers areas such as cellular and molecular biology, genetics and evolution, zoology, animal and plant physiology, botany and ecology. The course prepares graduates for professional employment in research, industry, teaching, government agencies and science-based businesses.

Duration: 3 years full-time or part-time equivalent

Availability: Full-time / Part-time / On-campus

Campus: Joondalup

Careers: Biodiversity Manager, Biomedical Researcher, Nature Conservationist, Environmental Consultant, Zoologist, Botanist, Catchment Officer, Natural Resource Officer, Sanctuary Manager, Animal Biologist, Conservation Field Officer, Ecologist, Agricultural Scientist, Biochemist

See more course information at:
reachyourpotential.com.au/courses/Y18



BACHELOR OF SCIENCE (CONSERVATION & WILDLIFE BIOLOGY)

This course enables students to gain the knowledge and skills to understand why biodiversity is in decline worldwide, its significance and offers approaches to tackle this important issue.

Areas of study include ecology, genetics, wildlife management, animal biology and ecosystem management in order to allow students to investigate, monitor and manage biodiversity.

Duration: 3 years full-time or part-time equivalent

Availability: Full-time / Part-time / On-campus

Campus: Joondalup

Careers: Biodiversity Manager, Nature Conservationist, Environmental Consultant, Zoologist, Botanist, Wildlife Conservation Worker, Environmental Educator, Sanctuary Manager, Natural Resource Officer, Fauna Ecologist, Biologist, Bushland Supervisor, Environmental Management Officer, Conservation Field Officer, Environmental Protection Officer, Environmental Scientist

See more course information at:
reachyourpotential.com.au/courses/K57





BACHELOR OF SCIENCE (ENVIRONMENTAL MANAGEMENT)

The lecturers are of the highest standard and are always approachable and personable.

I've always been really interested in the natural environment and concerned with the multitude of stresses which threaten its condition. ECU's course in Environmental Science offered the perfect avenue to enable me to understand the way catchments and ecosystems function and how we can successfully manage our environment and natural resources.

The great thing about ECU is the combination of both theoretical and practical course components which I believe will make me highly employable. The course has helped me build an extensive knowledge base from which I was then encouraged to independently apply to a variety of tasks and situations in my area of study. Presentations from professionals in the industry have provided unique networking and work experience opportunities.

VANESSA STYLIANOU
ECU Environmental Management Honours student

This course introduces students to the multidisciplinary nature of Environmental Management.

Environmental Management involves an understanding of the environment and the knowledge and skills used in its management.

The strong management focus of this course prepares graduates for careers in government agencies and industries which deal with conservation of biodiversity, environmental impact assessment, environmental planning and the management and rehabilitation of specific ecosystems such as wetlands, forests, coastlines and arid regions.

Duration: 3 years full-time or part-time equivalent

Availability: Full-time / Part-time / On-campus

Campus: Joondalup

Careers: Sanctuary Manager, Catchment Officer, Marine Park Ranger, Ecotourism Officer, Natural Resource Officer, National Park Ranger, Bushland Crew Leader, Environmental Management Officer, Conservation Field Officer, Park Planner, Land Management Officer, Environmental Consultant, Landcare Officer, Environmental Educator, Coastcare Officer, Environmental Officer

See more course information at:
reachyourpotential.com.au/courses/Y39



BACHELOR OF SCIENCE (ENVIRONMENTAL SCIENCE)

This course is designed to enable students to succeed in making a contribution to understanding our environment and natural resources. The program focuses on both the theoretical and practical aspects of environmental science. The course provides graduates with practical and relevant skills that prepare them for work as environmental professionals in a variety of roles including consulting, industrial development, regulation and research. Key strengths of graduates in this course include investigation skills, monitoring experience and application of management techniques for environmental problems.

Duration: 3 years full-time or part-time equivalent

Availability: Full-time / Part-time / On-campus

Campus: Joondalup

Careers: Environmental Officer with Industry or Government, Environmental Regulation Officer, Environmental Scientist, Environmental Consultant, Pollution Response Officer, Waste Manager

See more course information at:
reachyourpotential.com.au/courses/Y38



The emphasis on practical learning at ECU helped me transition smoothly into the workplace.

My experience at ECU has been nothing but a pleasure. I received all the assistance I required to succeed in my studies from lecturers who worked closely with industry and taught me skills that have improved my standard of work considerably. I was offered a position within the Department of Environment and Conservation even before the completion of my degree.

DAVID WEIR
ECU Environmental Science graduate

BACHELOR OF SCIENCE (MARINE & FRESHWATER BIOLOGY)



This course enables students to make a positive contribution to management and understanding of marine and freshwater environments. The program focuses on both the theoretical and practical dimensions of aquatic environments. It aims to provide graduates with a range of skills that prepare them for work in aquatic science professions.

Duration: 3 years full-time or part-time equivalent

Availability: Full-time / Part-time / On-campus

Campus: Joondalup

Careers: Marine Scientist, Aquatic Biologist, Marine Park Manager, Marine Biologist, Marine Scientist, Environmental Officer, Water Manager, Catchment Coordinator, Water Scientist, Aquatic Scientist, Natural Resource Manager, Fisheries Officer, Marine Park Ranger

See more course information at:
reachyourpotential.com.au/courses/G87

My lecturers were passionate and committed.

What excited me about Marine and Freshwater Management was that the learning modes were so diverse. Lectures provide the literature and essential readings, laboratory sessions allowed us to develop scientific skills, and field trips provided the opportunity to apply our learning in the real world. As far as the staff went, I found them passionate and committed. They were always available and supportive – whenever you happened to need them. In fact I enjoyed the 'ECU experience' so much that I decided to stay on for postgraduate studies!

KARINA INOSTROZA

Marine and Freshwater Biology Honours graduate



POSTGRADUATE COURSES

We also offer a full range of research and coursework postgraduate degrees.

FOR RESEARCHERS WE OFFER:

Honours programs (1 year)* - a mixture of some specialist coursework units and a major research thesis, available for Biology, Chemistry and Environmental Management.

Masters programs (2 years)* - a major research project resulting in a thesis, plus some specialist coursework units.

Ph.D programs (3 years)* - a substantial research project and thesis, available for any research in the field of natural sciences.

For those with degrees in any discipline (or 5 years relevant work experience) seeking to upgrade skills or gain qualifications in a new discipline we offer:

Master of Natural Resources Management (2 years)* - an on-campus program suited particularly to international students (works well with visa and permanent residency requirements), three semesters of coursework followed by a semester long project. Exit points are available at the Graduate Certificate and Diploma levels.

Master of Environmental Management (1.5 years)* - a very flexible online-only course, where students choose an area of specialisation from Marine and Freshwater, Industrial and Urban Systems, Sustainable Development, Natural Systems or Sustainable Water Resources Management. Exit points are available at the Graduate Certificate and Diploma levels.

Master of Brewing (1.5 years)* - learn the craft and science of brewing beer, suitable for those wanting to work in the brewing industry. The Graduate Diploma exit point (1 year) covers all the content to confidently sit the Diploma of Brewing offered by the Institute of Brewing and Distilling.

OTHER COURSES

Foundation Science - a five day Maths and Chemistry refresher or bridging course for students going onto a Science Degree course.

*Full-time or part-time equivalent.



Contact ECU by
phone on 134 ECU (134 328)

For calls outside Australia
phone (61 8) 6304 0000

Email us at futurestudy@ecu.edu.au
or visit reachyourpotential.com.au



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Watch us at
youtube.com/edithcowanuniversity

Every effort has been made to ensure that the information contained in this brochure is correct at the time of printing. The information is subject to change from time to time and the University reserves the right to add, vary or discontinue courses and impose limitations on enrolment in any course. The publication constitutes an expression of intent and is not to be taken as a firm offer or understanding.

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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.



sustainable
forest



ISO
14001



environmental
management
system



elemental
chlorine
free



australian
made

