

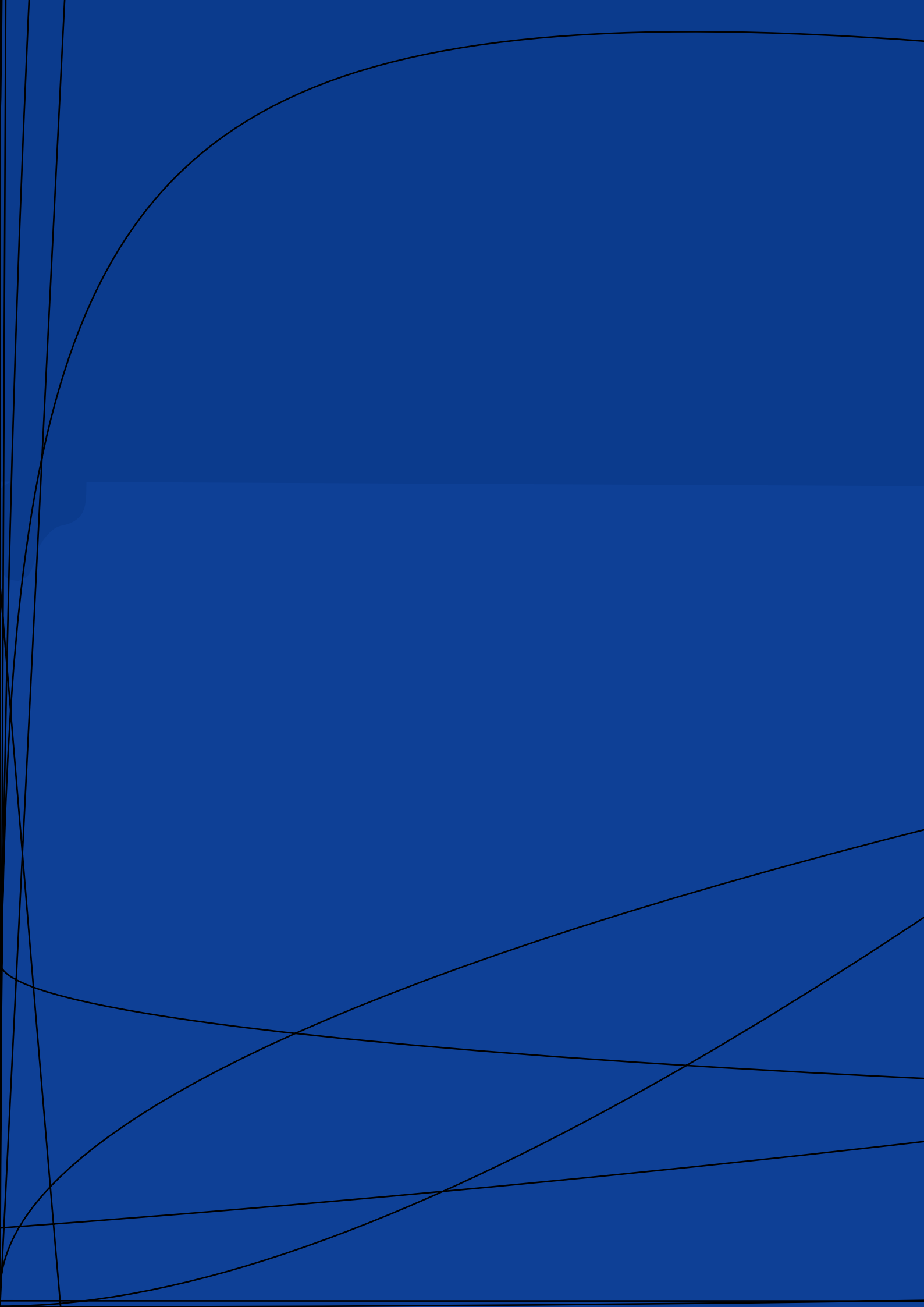
Bachelor of  
Environmental Science  
and Management



*Ready today for tomorrow*

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# Bachelor of Environmental Science and Management

✔ Prepare yourself to take on the critical environmental and sustainability challenges facing the world today. Benefitting from JCU's acclaimed reputation in environmental science, you'll learn how the biological, physical, social, economic and political spheres interact and impact on current environmental issues.

✔ JCU environmental science and management students develop an understanding of how to manage the interactions between people and the environment to find solutions to complicated environmental problems.

✔ Hit the ground running with the skills employers have told us they want in an Environmental Manager. This groundbreaking course responds to the needs expressed by corporate environmental management organisations for triple bottom line outcomes – environmental, social and economic.

## COURSE DETAILS:

Location:	Cairns, Townsville
Start Dates:	February, July
Duration:	3 years full-time, part-time available
CPA:	63
Prerequisites:	English (Units 3/4,C), Chemistry (Units 3/4,C), and General Maths or Mathematical Methods (Units 3/4, C)

Please visit the [handbook](#) for a detailed outline of the course structure. Note: Information is for domestic students only.



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This unique course offers the opportunity to specialise in one or two of the following three majors:

## Biodiversity and Environmental Management

Gain the skills to assess and manage all living species, on land and in the water. Learn the essential concepts of biodiversity, biological processes and ecology. Differentiate principles of plant and animal biology and apply them in more advanced and specialised studies. Learn modern field methods and benefit from opportunities to undertake field based subjects in World-Heritage listed reef and rainforest environments.

## Environmental Policy

Combine socio-economics with environmental skills to tackle key global sustainability challenges in the environmental and socio-political context. Understand how people are at the core of environmental problems — and solutions. Students learn key concepts in environmental economics and policy, human dimensions of environmental management, sustainability and planning.

## Land, Marine and Coastal

Learn about physical geosciences and environmental impacts on land, wetlands, river catchments, and below the surface. You will develop your knowledge of how the Earth functions as a dynamically interactive system. With tutelage from expert lecturers, students master the fundamentals of hydrology, soil science, and geomorphic patterns and processes. Benefit from field-based studies in JCU's laboratory in Tropical North Queensland with all its geologically and climatically diverse landscapes, including the Great Barrier Reef catchments.







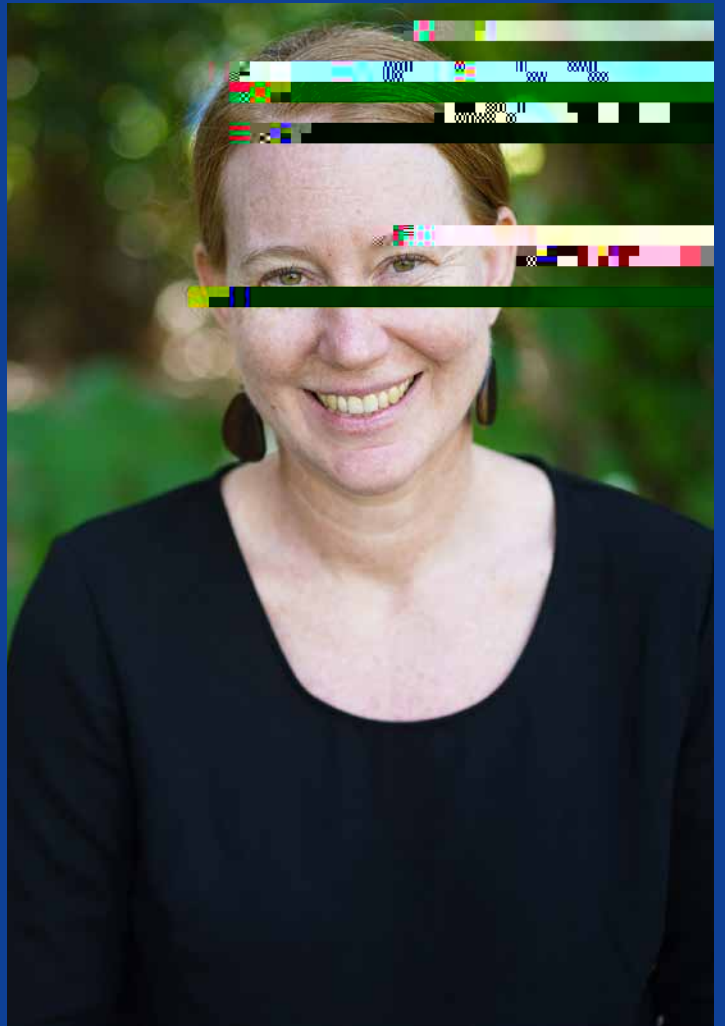
*“The Bachelor of Environmental Science and Management is the perfect stepping stone for those passionate to make a real-world difference regarding environmental management and climate change. The interdisciplinary skills I have gained throughout my degree have allowed me to confidently approach challenges, such as working on a project with Mediators Beyond Borders Oceania, which aims to mitigate climate change conflict in Fiji. My advice to those thinking about pursuing a career in science is, just go for it!”*

**Caitie Waite-Fitzgerald**  
BACHELOR OF ENVIRONMENTAL SCIENCE AND MANAGEMENT



*“This degree gives students the tools they need to create impact. Learn how the biological, physical, social, economic and political spheres interrelate and how to manage interactions between people and the environment.”*

**D. Jane Addi**  
ENIO LECTURE



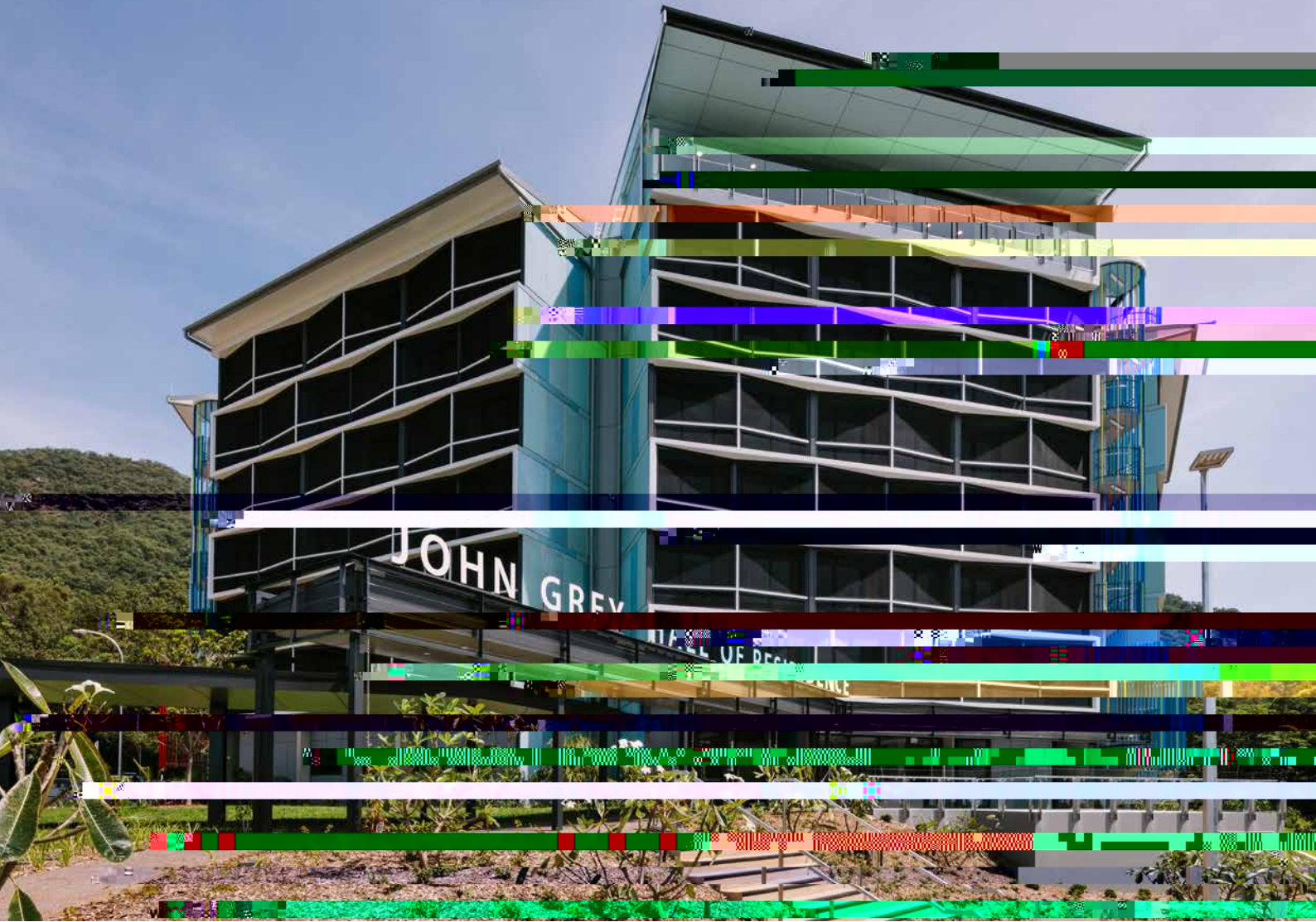
## Career Opportunities

With a JCU degree in Environmental Science and Management, you will gain unparalleled skills to address the great sustainability challenges of our lifetime.

Your career options include pathways with organisations such as government departments, mining and construction companies, environmental consultants, renewable energy industries, tourism businesses, heritage groups, local governments, and non-government organisations.

Depending on your choice of majors, you could perform roles such as environment manager, sustainability adviser, project manager, or urban environments and landscape designer.





# JCU Acc da

Study and live in some of the most interesting places in the world. Cairns and Townsville are on the doorstep of the Great Barrier Reef, magnificent rainforests, the savannah region and Outback Australia.

Living on-campus is a great way to make the most of your time at JCU. JCU Townsville, Bebegu Yumba campus, Douglas, has five different accommodation options housing over 1,300 students. JCU Cairns, Nguma-bada campus, Smithfield, features an accommodation complex for 300 students. Living on-campus is a great place to make new friends and immerse yourself in the JCU culture. All rooms at our on-campus residences are single board, with a single bed, study desk, chair, fan, air-conditioning and Wi-Fi. Each residence is different in regards to style of living, culture and atmosphere. There are options for fully catered or self-catered housing. Find out more at [jcu.edu.au/acc](http://jcu.edu.au/acc) da i



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