

# What can I study in a Science degree?

Build on foundation subjects in scientific methods with your choice of majors to specialise in or combine to broaden your knowledge and skills.



## Study options



Choose up to two majors in the JCU Bachelor of Science:

- Aquaculture Science and Technology
- Chemistry
- Data Science
- Earth Science
- Marine Biology
- Mathematics
- Molecular and Cell Biology
- Physics
- Zoology and Ecology.

Advanced Science and joint degree options are also available. Check the Science course pages on the JCU website for details.

## Perks of the job

- Explore living laboratories
- Build transferrable skills
- Apply reasoning and critical thinking
- Enjoy strong earning potential.



## Did you know



- Before the earth's oceanic bacteria began producing oxygen over two million years ago, our sky appeared orange from high levels of methane and other hydrocarbons in the atmosphere.

[kids.nationalgeographic.com/books/article/sky](https://kids.nationalgeographic.com/books/article/sky)

## Honour board



- Martin Breed worked with the UN and WHO to identify links between biodiversity and human health.
- Beth Fulton developed globally-recognised ecosystem models to help manage marine environments.





JAMES COOK  
UNIVERSITY  
AUSTRALIA



Scan to watch  
'Discover JCU  
Bachelor of  
Science'.

# Science

## Subjects to focus on

- English - recommended
- Chemistry - recommended
- Mathematical Methods - recommended for the majors in Maths, Physics and Data Science
- General Mathematics – recommended for all other majors.

Prerequisites apply to commencements from 2024

## Learn more

Scan the QR code to explore  
JCU Science.



“ I chose to pursue a career in science to satisfy my curiosity about the natural world. I am looking forward to using my creative problem-solving skills and analytical tools to answer some of the burning questions ecologists have about conservation and how we can better balance the needs of people and wildlife. ”

**Kyana Pike**

PHD CANDIDATE, NATURAL AND PHYSICAL SCIENCES

[jcu.edu.au](http://jcu.edu.au)

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