

# Academic Duty Descriptor



## Lecturer, Geoscience

Position Number	0527116020
Division/College	Academy Division/ College of Science and Engineering
Campus Location	Townsville
Classification	Academic Level B
Fraction	100%
Reports To	Head, Earth & Environmental Sciences
Supervisor Position Number	6000015285
Number of positions supervised	Directly: 0
Date Last Reviewed	September 2024

### Position Overview

The Lecturer, Geoscience will undertake teaching and research within the Earth and Environmental Sciences academic group of the College of Science and Engineering, in addition to providing administrative, outreach and marketing services for the College and the University.

The Lecturer will be a structural geologist with both experience and ambition to develop and deliver teaching and strategic, world-class research programs in structural geology, tectonics, and critical mineral resources. Capacity to develop effective interdisciplinary collaborations, community, government and industry engagement and international partnerships with other universities are also inherent to the position.

### Organisational Charts

[James Cook University](#)

College of Science and Engineering

### Principal Accountabilities

1. Undertake teaching of structural geology and related subjects into the Geology and Environmental Earth Science Majors of the Bachelor of Science and other degree programs within the College of Science and Engineering.
2. Lead research in fundamental structural geology and tectonics and in applied structural geology related to critical minerals resources.

3. Develop collaborative partnerships with Australian and international research funding sources, industry, government, community groups and non-government organisations (NGOs).
4. Contribute to the establishment and development of teaching and research collaborations in northern Australia, as well as nationally, and internationally.
5. Supervise undergraduate, postgraduate and higher degree by research (HDR) students.
6. Contribute to the management of university business through active participation in committees at academic group and College levels as directed.
7. Enhance the visibility and reputation of JCU through active participation in public outreach activities as an individual and through participation in events organised by JCU.
8. Support the University's commitment to the principles of [reconciliation](#), which exemplify respect for Aboriginal and Torres Strait Islander heritage and the valuing of justice and equity for all Australians.
9. Demonstrate a commitment to the University values.

## Generic Accountabilities

There are generic responsibilities that apply to all James Cook University staff.

1. The **Lecturer, Geoscience** is required to observe the lawful and reasonable directions, policies and decisions of the University Council, understand and comply with the Enterprise Agreement, the Statutes and Rules of the University, the policies and decisions of the University Council and other appropriate University authorities, as in force from time to time.
2. The **Lecturer, Geoscience** is required to demonstrate a personal commitment to ensure personal safety and the safety of others and contribute to the continuous improvement of our WHS performance. This includes the effective implementation and compliance with James Cook University WHS policies, procedures and safe systems of work, together with all relevant legislation, duties and obligations. Contribute to the continuous improvement of our WHS performance.
3. The **Lecturer, Geoscience** is required to exercise proper discretion in all matters affecting the well-being of the University which involve public writing or speaking in accordance with the University's [Code of Conduct](#).

## Selection Criteria

Selection and appointments will be assessed against selection criteria.

### Essential

1. A PhD or equivalent qualification in geology or related discipline.
2. Expertise in structural geology, tectonics and field geology, with applications in critical mineral resources and ore genesis.
3. Demonstrated excellence in research, relative to career opportunity, leading to an emerging publication record and research income portfolio.
4. Demonstrated ability to efficiently organise and implement research projects, and conduct collaborative, multi-disciplinary research within diverse teams.

5. Capacity to independently conduct lectures, practicals, and assessment in the relevant discipline.
6. Experience in the supervision of research internships, honours and/or postgraduate students or equivalent.
7. Demonstrated commitment to valuing diversity and contributing to an inclusive working and learning environment.
8. Highly developed oral and written communication skills and the motivation to contribute to outreach and marketing activities.
9. Excellent interpersonal skills, with an ability to relate to staff and students from all backgrounds, and to represent the College to government, industry, community groups and professional bodies.

**Desirable**

1. Experience in working with the mineral industry and demonstrated capacity to deliver high quality results in a timely manner.
2. Evidence of effective engagement with multiple stakeholders including academia, government and industry.