To ensure commercial viability, the minerals and petroleum industry recognises the need for resource exploration and development professionals to keep abreast of modern developments in science.

Use these programs to expand your knowledge of emerging mineral and petroleum exploration technologies and how to increase efficiencies in the technical and scientific management of the mining industry.

Advance your knowledge in key specialist areas of the minerals industry, gain analytical skills to enable you to critically assess alternative solutions to complex industry problems and be equipped to investigate and resolve development and operational problems in a safe and commercially efficient manner.

Gain exposure to current scientific knowledge from research experts with an applied research background and explore a range of strategies for practical implementation from experienced industry associates. Specialise in Exploration Geology or Exploration Geophysics, and choose to study from either a broad stream within the scheduled subjects, or select from specialist geophysics or geochemistry streams.

Career opportunities
As an early career professional, use your enhanced scientific and technical knowledge to seek advancement or additional challenges in your current workplace, or to provide entry into the employment and career opportunities in the dynamic minerals sector.

On completion of these programs you may be eligible for membership with the following professional bodies:
• Australian Institute of Geoscientists
• Australian Society of Exploration Geophysicists
• Geological Society of Australia
• Society of Exploration Geophysicists

Commencing:
Semester 1 or Semester 2
Location:
St Lucia
Delivery Mode:
Internal

Postgraduate Coursework Program in
MINERAL RESOURCES

Expand your knowledge of emerging mineral and petroleum exploration technologies.
Choose to specialise in EXPLORATION GEOLOGY or EXPLORATION GEOPHYSICS.
OLIVER TURNER Master of Mineral Resources graduate

I chose the Master of Mineral Resources because it contained both course-based learning and a research project which allowed me to solidify my geological knowledge and increase my understanding of the industry.

The University of Queensland’s links to industry, fantastic lecturers and a rating placing it within the top 100 universities in the world made my decision easy. The Master of Mineral Resources has provided me with the knowledge and experience I felt I had been missing from my undergraduate degree, and I feel I can use it as an excellent basis on which to build my career.

Program structure

Graduate Certificate in Mineral Resources
- 8 units (0.5 year full-time or part-time equivalent)

Graduate Diploma in Mineral Resources
- 16 units (1 year full-time or part-time equivalent)

Master of Mineral Resources
- 24 units (1.5 years full-time or part-time equivalent)

Sample courses
- Geophysical Signal Processing
- Exploration Seismology
- Ore Deposits & Exploration Geology
- Exploration Geochemistry
- Basin Analysis in Exploration
- Gravity & Magnetic Exploration
- Electrical & Electromagnetic Exploration
- Industrial Application of Exploration Geophysics

Entry requirements

Graduate Certificate in Mineral Resources
Program code 5041
CRICOS Code: 029215B
Bachelor degree in geological science, geological engineering or related field, with UQ or equivalent GPA of 4.5 or above; or 5 years of work experience in the same discipline.

Graduate Diploma in Mineral Resources
Program code 5097
CRICOS Code: 029188M
Bachelor degree in geological science, geological engineering or related field, or Graduate Certificate in Mineral Resources. UQ or equivalent GPA of 4.5 or above.

Master of Mineral Resources
Program code 5196
CRICOS Code: 029189K
Bachelor degree in geological science, geological engineering or related field, or Graduate Diploma in Mineral Resources. UQ or equivalent GPA of 5 or above.

International Students: English Proficiency
IELTS overall 6.5; writing 6, reading 6, speaking 6, and listening 6. For other English Language Proficiency Tests and Scores approved for UQ, view the English proficiency policy at http://future-students.uq.edu.au/applying/english-language-proficiency-requirements

In the event of any conflict arising from information contained in this publication, the material approved by The University of Queensland Senate shall prevail.

LEADING RESEARCH
Ninety five percent of UQ’s broad fields are now above or well-above world standard, and none are below (2015 Excellence in Research for Australia (ERA) assessment)

INTERNATIONAL REPUTATION
UQ is one of only three Australian members of the global Universitas 21, a founding member of the Group of Eight (Go8) universities, and a member of Universities Australia

ESTEEMED TEACHERS
More national teaching awards than any other Australian University

GLOBAL LEADER
Ranked in the top 50 in the world overall (QS World University Rankings, 2015-2016)

SUCCESSFUL GRADUATES
UQ graduates enjoy full-time employment rates and salaries higher than the national average

WORLD-CLASS FACILITIES
Access state-of-the-art laboratories and research facilities

VIBRANT CAMPUSES
Dynamic on campus environment, with over 190 sporting and cultural clubs and societies