

MRES (MASTER OF RESEARCH) IN GEOLOGICAL SCIENCES

Programme Learning Outcomes

Programme Learning Outcomes for MRes (Master of Research) in Geological Sciences (NFQ Level 9, Major Award)

On successful completion of this programme, students should be able to:

- Carry out an independent and original research project to address an emerging question in Geological Science;
- Prepare and write a dissertation of their research project in a critical, logical and systematic manner, in keeping with the standards of postgraduate research;
- Display advanced theoretical knowledge and practical understanding within a research area of Geological Science;
- Understand the basis and application of field and laboratory methods used in Geological Science and a knowledge of their limitations;
- Source, review, critically assess and evaluate relevant primary literature and summarize material for presentation to peers and for inclusion within the research dissertation;
- Design, write and defend a scientific research proposal based on their current research topic or a proposed topic;
- Evaluate their skill set and identify skills that should be acquired;
- Develop professional practice skills including team-work, negotiation, time-management, scientific writing and oral communication.