

MRES (MASTER OF RESEARCH) IN ENVIRONMENTAL SCIENCE

Programme Learning Outcomes

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

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

- Identify, formulate and analyse current problems in Environmental 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 Environmental Science;
- Understand the basis and application of field and laboratory methods used in Environmental 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.