

MRES SUSTAINABLE MATERIALS AND THE ENVIRONMENT

Programme Learning Outcomes

Programme Learning Outcomes for the MRes Sustainable Materials and the Environment (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 Sustainable Materials and the Environment;
- Design, write and defend a scientific research proposal based in their current research topic or proposed topic;
- Prepare and write a dissertation of their own research project in a critical, logical and systematic manner, in keeping with the standards of postgraduate research
- Approach a research question using their acquired advanced theoretical knowledge and practical understanding in the area of Sustainable Materials and the Environment;
- Describe the application of laboratory methods used in Sustainable Materials and the Environment
- Source, review, critically assess and evaluate relevant primary literature and summarise material for presentation to peers and for inclusion with the research dissertation
- Evaluate their skill set and identify skills that should be acquired
- Develop professional practice skills including teamwork, negotiation, time management scientific writing and communication.