

BSC (HONS) ENVIRONMENTAL SCIENCE

Programme Learning Outcomes

Programme Learning Outcomes for BSc in Environmental Science (NFQ Level 8, Major Award)

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

- Demonstrate knowledge of the functioning of environmental systems;
- Demonstrate knowledge of impacts of human activities on the environment and current approaches to minimising or preventing negative impacts;
- Evaluate environmental issues using scientific principles;
- Source information on environmental issues and critically appraise it for scientific credibility and relevance;
- Synthesise and apply published information and data from the biological, chemical and earth sciences to the analysis of environmental problems;
- Carry out field measurements of basic environmental parameters and analyse, interpret and report the results;
- Select appropriate methods, and design programmes, for environmental assessment;
- Communicate effectively, orally and in written reports, about environmental issues with technical and non-technical audiences.