

BSC (HONS) (ENVIRONMENTAL SCIENCE WITH ENVIRONMENTAL MANAGEMENT)

Programme Learning Outcomes

Programme Learning Outcomes for BSc (Hons) (Environmental Science with Environmental Management) (NFQ Level 8, Major Award)

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

- Appreciate the functioning and management of environmental systems
- Appraise impacts of human activities on the environment and current approaches to minimising or preventing negative impacts as well as the management and restoration of ecosystems
- 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
- Perform field measurements of basic environmental parameters and analyse, interpret and report the results
- Select appropriate methods, and design programmes, for environmental assessment and monitoring
- Design and undertake scientific research projects
- Communicate effectively, orally and in written reports, about environmental issues with technical and non-technical audiences