

BSC (HONS) EARTH SCIENCE (FOR STUDENTS WHO ENTERED FIRST YEAR PRIOR TO 2022/23)

Programme Learning Outcomes

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

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

- Demonstrate a clear knowledge of the form, functioning and operation of earth systems;
- Show a clear understanding of planet Earth as an integrated system, involving application of aspects of the geological, geographical, physical, chemical and biological sciences to the study of the solid Earth oceans and atmosphere;
- Work individually and in small groups in the analysis of thematic issues;
- Apply the principles of collection, interpretation and analysis of geographical and geological data from field settings;
- Demonstrate a knowledge of the application of scientific methods and techniques in the examination of the Earth environment;
- Source information on geological and geographical issues and critically appraise it for scientific credibility and relevance;
- Synthesise and apply published information and data from the earth sciences to the analysis of environmental problems;
- Design, manage and write a research-based project through its various stages from inception to completion;
- Communicate effectively, orally and in written reports, about Earth and other related environmental issues.