

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

Programme Learning Outcomes

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

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

- Have competence in identifying rocks, minerals and fossils both macroscopically and microscopically in a laboratory and field environment and place them in a context of modern Geology;
- Undertake independent geological mapping in the field, recording, interpreting and reporting geological information;
- Recognise and interpret processes and forces that act to modify geological strata and rocks in the course of geological time;
- Be conversant with the principles of sedimentation and stratigraphy and the concept of geological time;
- Use geological information in conjunction with geophysical and geochemical data to address geological problems;
- Be familiar with the Earth System approach to the study of the solid earth, atmosphere and oceans in the context of geological time, climate systems and global change.