MSC (BIOINFORMATICS AND COMPUTATIONAL BIOLOGY)

Programme Learning Outcomes

Programme Learning Outcomes for MSc (Bioinformatics and Computational Biology) (NFQ Level 9, Major Award)

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

- Have a solid background in the theory behind bioinformatics methods and tools so that they can critically evaluate and carry out research in bioinformatics;
- Use existing bioinformatics methods and tools and rapidly learn to apply new methods and tools;
- Organise and analyse large data sets generated by various 'omics' technologies and systems biology approaches;
- Understand the role of modelling and simulation of biological systems;
- Have a deep knowledge of the aspect of bioinformatics in which they carried out their three-month research project. This experience will prepare them for a future research or analysis career in the bioinformatics field.