

BSC (HONS) NEUROSCIENCE

Programme Learning Outcomes

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

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

- Use fundamental knowledge of anatomy, physiology, biochemistry, pharmacology and applied psychology to derive and apply solutions which promote a better understanding of the function of the human nervous system, the diseased or injured human nervous system, and its repair;
- Identify and explain suitable molecular, cellular and behavioural methodologies for applications in research in order to increase our knowledge of Neuroscience;
- Design, plan and execute an experiment or study to test a hypothesis in Neuroscience;
- Interpret research findings and perform appropriate statistical analysis to enable effective communication of research in both written and oral formats;
- Critically analyse scientific literature published in the field of Neuroscience;
- Work effectively as an individual, in teams and in multidisciplinary settings having developed the capacity to undertake lifelong learning and critical thinking;
- Communicate effectively with the scientific community and appreciate the importance of contributing to the public understanding of science and neuroscience in particular.