

MSC (ANALYTICAL CHEMISTRY)

Programme Learning Outcomes

Programme Learning Outcomes for MSc (Analytical Chemistry) (NFQ Level 9, Major Award)

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

- Identify, formulate, analyse and solve analytical chemistry problems;
- Outline fundamental and applied aspects of analytical chemistry;
- Design and carry out a method of chemical analysis, including instrumental analysis;
- Prepare written laboratory reports that provide a description of the experiment, explain the experiment and reasoning clearly, and provide an appropriate conclusion;
- Communicate effectively with the chemistry and analytical science communities;
- Carry out research and method development in analytical science;
- Prepare a written research report in the form of a dissertation.