

MSC (ENVIRONMENTAL ANALYTICAL CHEMISTRY)

Programme Learning Outcomes

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

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

- Identify, formulate, analyse and solve environmental analytical chemistry problems;
- Outline fundamental and applied aspects of environmental analytical chemistry;
- Design and carry out a method of environmental 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 environmental science communities;
- Carry out research and method development in environmental analytical science;
- Prepare a written research report in the form of a dissertation.