

POSTGRADUATE DIPLOMA IN ANALYTICAL CHEMISTRY

Programme Learning Outcomes

Programme Learning Outcomes for Postgraduate Diploma in Analytical Chemistry (NFQ Level 9, Major Award)

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

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