

# POSTGRADUATE DIPLOMA IN PHARMACEUTICAL REGULATORY SCIENCES

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## Programme Learning Outcomes

Programme Learning Outcomes for Postgraduate Diploma in  
Pharmaceutical Regulatory Sciences (NFQ Level 9, Major Award)

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

- Assess pharmaceutically relevant datasets using appropriate statistical and machine learning methodologies.
- Develop manufacturing processes which apply quality-by-design principles for a range of medicinal products including small molecules, biopharmaceuticals and ATMPs.
- Critically evaluate the regulation of medicinal products and identify opportunities to accelerate the integration of emerging science and technology in medicines' development.
- Appraise the quality, safety and efficacy of a medicine based on the clinical trial outcomes and real-world data.