

# DIPLOMA IN STATISTICAL STUDIES

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## Programme Learning Outcomes

Programme Learning Outcomes for Diploma in Statistical Studies (NFQ Level 7, Special Purpose Award)

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

- Describe and apply commonly used stochastic models in Statistics;
- Describe and apply the fundamental theories of statistical inference;
- Formulate statistical models to address research hypotheses;
- Apply statistical software to implement statistical models and methodologies;
- Assess the assumptions underlying statistical models and methodologies;
- Interpret the results of statistical analysis to address research hypotheses and inform decision-making;
- Demonstrate the ability to plan, carry out, exhibit, and report on a substantial project in the field of Statistics;
- Prepare reports and presentations of statistical analyses;
- Develop the capacity to undertake lifelong learning.