

# BSC (HONS) ASTROPHYSICS

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## Programme Learning Outcomes

Programme Learning Outcomes for BSc in Astrophysics (NFQ Level 8, Major Award)

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

- Derive and apply solutions from knowledge of physics, astrophysics, and mathematics;
- Identify, formulate, analyse and solve physics and astrophysics problems;
- Design an experiment to test a hypothesis or theory in physics and astrophysics;
- 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 physics and astrophysics communities.