

BSC (HONS) IN COMPUTER SCIENCE (SOFTWARE ENTREPRENEURSHIP)

Programme Learning Outcomes

Programme Learning Outcomes for BSc (Hons) in Computer Science (Software Entrepreneurship) (NFQ Level 8, Major Award)

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

- Formulate and solve problems using the mathematical principles which underlie electronic computation;
- Use a range of computing technologies and programming languages to implement appropriate computational approaches to real-world applications;
- Demonstrate familiarity with a range of Software Engineering methodologies, sufficient to choose the most appropriate methodology for managing a software development project, taking into account the overall context of the application and its life-cycle environment;
- Think analytically, critically and strategically about economic issues;
- Demonstrate the acquisition of autonomous study skills and the adoption of an investigative approach to tackle economic problems;
- Construct logical arguments, communicate arguments clearly in writing, and appreciate, evaluate and respond to potentially conflicting interpretations of economic phenomena;
- Apply critical, analytical and research skills, and problem-solving skills that are valuable for a wide range of future careers, further study, and lifetime learning.