



MSc Computer Science

This is a Masters degree that is designed to broaden understanding and knowledge of computer science, and enhance the ability to apply this within an industry or commerce. In addition to gaining an in-depth knowledge of state-of-the-art technologies, it also develops further the competence and ability to apply them. On completion of the course the postgraduate will be a computing professional with a broad and deep knowledge of the technical material and an ability to apply it. They will be adept at delivering IT solutions and systems appropriate for industry and commerce, fully prepared for a successful career in academia or industry.

Admission Requirements

The qualifications required for admission are a minimum second lower degree (2:2 or above) or equivalent in a computing discipline. Other graduates who have appropriate experience may be considered for entry. The aim of the general admissions policy is to ensure that the students are likely to be successful and benefit from the study programme.

Programme Structure

The duration of the program is 2 years, full time, where the lectures will be conducted in the evenings and weekends to facilitate the participation of working professionals. The unique modular framework and the module delivery pattern enable working professionals to effectively engage in their academic work. Each module will be delivered by two leading experts from academia and/or industry.

Examination and Assessment

Assessment scheme will vary between modules, but the overall strategy is to have a balanced set of assessments across a variety of methods that will include individual coursework assignments, group-work assignments, presentations, demonstrations, written reports, end of module examinations and oral/viva.

The award consists of eight taught modules (15 credits each) and a dissertation (60 credits). Students will learn research methods before embarking on their dissertation. Each student will be assigned a supervisor to guide and support in order to successfully complete the dissertation. The computer science award consists of the following modules:

There are three awards available: Postgraduate Certificate (PgC), Postgraduate Diploma (PgD) and Masters (MSc)

PgC/PgD	<p>Modules:</p> <ul style="list-style-type: none"> • Artificial Intelligent Systems • Strategic Planning and Systems Development • Network Systems and Technologies • Database Technology • Mobile Computer Communications Systems • Object Oriented Software Systems Engineering • Forensic Computing Concepts • Personal Development and Research Methods
MSc	<ul style="list-style-type: none"> • Dissertation

[Click here for Module Descriptors of Staffordshire University](#)

- Postgraduate Certificate is awarded on successfully passing four modules
- Postgraduate Diploma is awarded on successfully passing eight modules
- The Masters is awarded on passing all the modules, and the final dissertation.