



PgC / PgD / MSc in Computing (for non-computing graduates)

Overview of the Course

This award is an enhanced Masters degree that is designed to broaden understanding and knowledge of computing science, and enhance the ability to apply this within industry or commerce. Also 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, particularly through the inclusion of a period in industry as an integral part of the course. On completion of the course, you will be a computing professional with a broad and deep knowledge of the technical material and an ability to apply it. You will be adept at delivering IT solutions and systems appropriate for industry and commerce, fully prepared for a successful career in academia or industry.

Organization of Studies

The length of the award is two years. The delivery pattern is such that you will study one module at a time following a sequence at the beginning of each academic year. Each module will be delivered for a period of two months divided into the following three periods:

Preparatory period – three weeks

Face-to-face delivery period – two consecutive weekends

Revision & assessment period – three

The research phase runs throughout the whole award. By the end of the taught modules, you will have approved dissertation title and have dissertation mentor designated.

Course Content

PGC	Systems Analysis and Design (15 Cats)	Computer Systems Architecture (15 Cats)	Internet Applications (15 Cats)	Principles of Software Engineering (15 Cats)
PGD	Option Module (15 Cats)	Option Module (15 Cats)	Option Module (15 Cats)	Personal Development and Research Methods (15 Cats)
MSc	Option Module (from Placement or Research Paper)	Dissertation		

Subject to student numbers, a selection of the following options will be available:

Enterprise Database Systems, Artificial Intelligent Systems, Computer Graphics, Human-Computer Interaction & Groupware, Network Systems and Technologies, Image Processing, Electronic Commerce-1, Object Oriented Software Systems Engineering, Strategic Planning and Systems Development