MSc Applied Computing & Information Technology

Introduction

This programme is intended for individuals who require a good grounding in Applied Information Systems Technologies and specific discipline areas – such as Project management, security issues, data modelling, Internet programming, E-Systems and effective user communications. Successful students may go on to become managers or practitioners within commerce and industries making substantial use of computing and information systems. The course is specifically designed to prepare students for professional employment or further academic development by integrating Computing skills into the student's area of expertise.

Course Requirements

- For standard entry, applicants should have a good honours degree or equivalent qualifications, or a postgraduate qualification, in a non-IT related subject area. Subjects EXCLUDED as first awards include for example Computing, Computer Science/Studies, Information Systems/Technology, Business Information Systems/Technology.
- For mature applicants with non-standard academic profiles, entry and exemption on the basis of Accreditation by Prior Learning, certificated or experiential (APL/APEL) is available.
- For overseas students, evidence of sufficient skill in English is required, with a minimum requirement being an IELTS score of 6.0, a TOEFL score of 580, or an equivalent score in TELAS, the University of Luton's own testing scheme

Full-time or Part-time?

There are two modes of delivery:
Full-time, primarily for graduates in other disciplines wishing to use their existing skills in a computer-based environment, and Part-time, primarily for those employed in a related area of the IT industry, who are not formally or recently qualified to graduate level in a computing discipline, and who wish to shift their employment towards the Internet and its related technologies or the development of information systems.
Part-time study can be taken in the form of a day-release programme for students starting in February, or as evening classes, typically starting at 6.30pm, for two evenings a week, for students starting in September.

Start Dates

September and February

Duration

12 months Full-time (September start)
16 months Full-time (February start)
2 or 3 years Part-time

Assessment

Assessment is by a mixture of Assignments, exams, and group work

Course Content

The course is divided into 3 blocks of study material, with the taught modules delivered in the first two blocks, Block A and Block B, with Block C being the Dissertation.

Block A
Core modules:
- E-Systems
- Computer and Internet Security
- Project Management
- Applied Distributed Technologies

Block B
Core modules:
- Internet Media Design
- Internet Development
- Applied Programming
- Data Modelling & Management

Career Prospects

Each award will provide an academic grounding and training in essential computing skills within its own subject discipline to produce up-to-date, skilled and employable postgraduates.

In addition to specialist pathway modules, students will study some common material so that they are given both the breadth and the depth of knowledge required for a successful career in Applied Information Systems Technology. Both of the pathway awards rely heavily on practical work, which is essential for a deep understanding of the subject and is a requirement for future employment or possible research activity.

Related Courses

Other MSc courses available in the field of Computing include, Computer and Internet Applications, and Computer Science

Contact Details

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