UCLan London

BSc (Hons)

Computing

ENTRY REQUIREMENTS
96 UCAS tariff points from 3 A Levels or equivalent, eg CCC.

DURATION
3 Years
4 Years with Foundation

START
September, January, May

DELIVERY
Campus Taught

Course Overview

Our Computing degree is designed to equip you with a broad understanding of many computing principles and to build skills in areas like programming, database management, software development, information security and network management. This will enable you to explore which part of the diverse computing industry you want to kick-start your career in.

Key Features

- Our teaching is informed by research and industry practice in areas such as software engineering, networks and communications and cyber security.
- It offers a flexible, industry-focussed computing programme of study to prepare you with knowledge understanding and employability skills suitable for graduate entry into the industry or further professional study.
- You will benefit from a rich variety of formative and summative assessment methods that mirror professional computing-related commercial responsibilities and outputs (e.g. feasibility studies, product development planning, professional expectations and practices, etc.)
- You will specify, design, construct and document computer-based systems and applications.
- You will apply principles, methods, tools and techniques of computer-based systems design to develop solutions that meet business needs.
- You will consider and implement research methods appropriate to computing areas, factoring in strengths, limitations and ethical issues.

Modules

Foundation Year

- Computing Skills
- Research Skills
- Communication Skills
- Professional Development in Computing

Year 1

- Academic & Professional Skills
- Computing Principles
- Computer Programming
- Database Design & Implementation

Year 2

- Software Development
- Information Systems Security
- Networks & Communications
- Business Intelligence

Year 3

- IT Project & Product Management.
- Sustainability, Ethics & Professional Practice
- Enterprise Systems
- Major Project (Computing)

Career Paths

The BSc (Hons) Computing course offers you choices to pursue a wide range of careers, or to specialise as a postgraduate, including:

- Analyst and management jobs in information systems, computer systems, security, business and data.
- Network administrator, engineer, or manager
- Database administrator
- UI/UX designer
- Web developer, Software developer, apps developer
- Technical sales/support engineer
- Hardware or software engineer
- Machine learning engineer
- Systems programmer
- Multimedia programmer
- Health communications officer