

BSc (Hons)

# Computing

## Key Features

- Develop essential technical and professional skills in programming, problem-solving, and communication
- Build a strong foundation in computing that sets you apart, in a competitive job market or academia.
- Dive into critical topics such as software development, network communications, and the integration of digital technologies in business.

**Duration:** 3 Years or 4 years with foundation year

**Full Course Info:** [manchester.bolton.ac.uk/our-courses/bsc-hons-computing](http://manchester.bolton.ac.uk/our-courses/bsc-hons-computing)

**Fees:** £9,250 per annum - £27,750 total fee

**Location:** Manchester

## About this course

The BSc (Hons) in Computing at UoBM provides a comprehensive education in computing principles, focusing on both technical skills and ethical considerations within a global context. You'll gain a solid foundation in key areas such as programming, database management, and information security while experiencing the vibrant, multicultural atmosphere of Manchester.

Throughout the programme, you will explore critical topics like software development, network communications, and the integration of digital technologies in business. Additionally, the course emphasises the importance of sustainability and responsible practices in technology.

Structured to blend theoretical knowledge with practical experience, this degree empowers you to navigate the computing sector confidently, preparing you for a successful career in the UK or internationally.

## Careers

The course offers pathways into various areas, including software development, cybersecurity, data science, and digital transformation.

Graduates with a solid foundation in computing skills have a competitive edge when entering the job market or pursuing further studies. As a graduate of this degree, you'll be highly sought after by employers across the public, private, and voluntary sectors.

## Modules

### Year One

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

### Year Two

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

### Year Three

- Sustainability and IT Project Management
- Digital Technologies
- Enterprise Systems
- Major Project (Computing)

## Career Roles

- Analyst and management jobs
- Network administrator
- Network engineer
- Network manager
- Database administrator
- UI/UX designer
- Web developer
- Software developer
- Apps developer
- Technical sales/support engineer
- Machine learning engineer