



NEW START4U CIC
024 7767 1470
info@new-start4u.co.uk
12-14 Riley Square,
Coventry CV2 1LX, UK

Computing Technologies

Degree type: BSc (single honours)

Entry Tariff: 2018/19 entry: 96 UCAS points

Duration: 3 years

Location: London, Birmingham and Manchester

To find out about fees and Student Finance contact our office

Instalment plans available for self-funded students.

Your tuition fees do not cover the cost of the following: subject books, stationery, printing and photocopying costs, accommodation, living expenses, travel, hobbies, sports or any other extracurricular activities.

You should be prepared to buy some of the course texts, we recommend allowing an additional £180 per year.

Content

In the first year students will be introduced to a number of key principles and concepts in computing technologies, these include Maths and Algorithms, Systems Analysis and Design, Data Modelling and SQL Language and Web Development.

Year 2 will see students introduced to a range of specific topics, developing their understanding of particular systems such as mobile technologies, cloud computing and big data, as well as build a foundation in the industry critical issues of computer security and data analytics.

In the final year students are given the opportunity to design, plan and complete a substantial piece of independent research and development work that requires students to develop a solution to a significant computing problem. In this year, students will also develop industry critical skills in Cyber Security and Project Management and Professional Issues, leaving graduates of this programme with the transferable skills and experience required to secure a variety of roles.

You will be taught through a range of teaching methods, including lectures, seminars, workshops and labs, around 12 hours per week. You are also expected to engage in independent study, around 35-38 hours a week.

You will be assessed via coursework (both individual and group), class tests, practical assessments and exams.



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To prepare you for your lectures and seminars, you will have access to our online learning portal, Moodle, where you can access course information, content and your weekly reading lists.

Modules

All core

Year 1

- Web Development (20 credits)
- Maths and Algorithms (20 credits)
- Object Oriented Programming (20 credits)
- Systems Analysis and Design (20 credits)
- Data Modelling and SQL Language (20 credits)
- Data Communication and Network Routing (20 credits)

Year 2

- Mobile App Design and Development (20 credits)
- User Experience Design (20 credits)
- Network Design and Troubleshooting (20 credits)
- Cloud Computing (20 credits)
- Big Data Analytics (20 credits)
- Web Application Security (20 credits)

Year 3

- Dissertation (Major Computing Project) (40 credits)
- Cyber Security (20 credits)
- Project Management and Professional Issues (20 credits)
- Data Science (20 credits)
- Designing and Developing Products for the Internet of Everything (IoE) (20 credits)

Entry requirements

Specific entry requirements

GCSE Maths and English at grades A-C, or equivalent are required for entry. Functional Skills Level 2, is accepted as equivalent. This can be exempted by successfully passing the QAHE English test (minimum 60%) and the QAHE Maths test (score 8 out of 15).

For each level, we offer non-standard entry routes for students. Please contact our team to discuss your existing qualifications and we will be able to recommend the most suitable entry point for you.