



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

Computing Technologies Extended Degree

(4 year)

Degree type: BSc (single honours)

Entry Tariff 2018/19 entry: 64 UCAS points

Duration: 4 years

Programme start: June and September

To find out about current fees and student finance contact us.

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.

Summary

The extended BSc Computing Technologies programme provides an excellent foundation for individuals looking to pursue a career in a number of computing related areas including the internet of everything, networking, cyber security, web and mobile app design, and data analytics.

The foundation year is carefully designed to build confidence in your abilities, develop essential academic and study skills, and provide the subject specific knowledge essential for success. It also introduces you to the fundamentals of computer systems, together with providing a grounding in programming.

You will gain highly competitive skills in a supportive and inspiring environment, with modules covering a wide range of computing technologies. Taught by experienced tutors, you will be learning about real-life and contemporary business approaches.

Content

The foundation year (Year 0) is carefully designed to provide the subject specific knowledge and the academic study skills that are essential for success. In this first year of your programme you will be introduced to the major aspects of computing systems and programming, alongside other modules such as: Mathematical Functional Skills Essentials and English Academic Skills.



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

In Year 1, you will acquire an understanding of the core principles in a range of computing Technologies. Example modules for Year 1 include: Web Development, Maths and Algorithms, Object Orientated Programming, Systems Analysis and Design, Data Modelling and SQL Language, and Data Communications and Network Routing.

In Year 2, you will be introduced to mobile technologies, further aspects of networking, UX design, cloud computing, the foundations of computer security and data analytics. Example modules studied in Year 2 include: Mobile App Design and Development, User Experience Design, Network Design and Troubleshooting, Cloud Computing, Big Data Analytics and Web Application Security.

In your final year, you will be given the opportunity to conduct a substantial piece of independent research and development work using appropriate software engineering process models. Modules studied in your final year are likely to include: Dissertation (Major Computing Project), Cyber Security, Project Management and Professional Issues, Data Science, and Designing and Developing Products for the Internet of Everything (IoE).

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.

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

Year 0

- Communication for Academic Purposes 1
- Communication for Academic Purposes 2
- Operational Mathematics
- Foundations of Computer Systems
- Foundations in Programming
- Extended Project

Year 1

- Web Development
- Maths and Algorithms
- Object Orientated Programming
- Systems Analysis and Design
- Data Modelling and SQL Language
- Data Communication and Network Routing



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

Year 2

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

Year 3

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

Entry requirements

General entry requirements

Specific entry requirements

GCSE Maths at grades D, or equivalent are required for entry. Functional Skills Level 2, is accepted as equivalent.

IELTS 5.5 with no component less than 5.0 in each band, or equivalent.

For each level, we offer non-standard entry routes for students. Mature learners may present a more varied profile of achievement that is likely to include extensive work experience (paid and/or unpaid) and/or achievement of a range of professional qualifications in their work sector.