

Course Aim and Title	BSc (Hons) Applied Computing (Top-Up)
Intermediate Awards Available	Ordinary Degree
Teaching Institution(s)	University of East London
Alternative Teaching Institutions (for local arrangements see final section of this specification)	None
UEL Academic School	School of Architecture, Computing and Engineering (ACE)
UCAS Code	I102
Professional Body Accreditation	N/A
Relevant QAA Benchmark Statements	Computing
Date Specification Last Updated	March 2019

Course Aims and Learning Outcomes

This course is designed to give you the opportunity to:

- Develop level 6 knowledge and skills, and obtain an undergraduate degree.
- Gain an understanding of applied practical skills in the key areas of Computing.
- Gain valuable work experience in the field of Computing
- Gain an insight into selected areas of current research
- Learn and work both independently and within groups.
- Develop the necessary study skills and knowledge to pursue further study.
- Develop the professional skills necessary for a career in the IT industry

What you will learn:

Knowledge

- A variety of specialised topics within the area of Computing such as cyber security, mobile app development, cloud computing and business intelligence.
- An understanding of the professional and ethical issues relevant to the field of the Computing.

Thinking skills

- Formulating approaches for problem solving.
- Evaluation and critical analysis using a range of techniques.
- Self-appraisal and review of personal practice.
- Design and implement solutions for practical problems.

Subject-Based Practical skills

- Application of theories to the design of computer based systems.
- Use of range of specialised computer technology, such as programming languages, databases, data analytics and system design tools.
- Preparation of essays, reports and presentations.
- Production of major self-directed project.
- Implementation of a system based on a set of specifications.

Skills for life and work (general skills)

- Communication Skills, such as report writing and presentations
- Time management
- Learning and working both independently and in groups

Learning and Teaching

Knowledge is developed through

- Online discussions and activities
- Participation in lectures, tutorials and workshops with feedback
- Directed, guided and general reading
- Primary and secondary research, e.g. using the Internet or Learning Resources Centre

Thinking skills are developed through

- Reflective activities with feedback
- Online discussions and activities
- Successful completion of set assessment tasks
- Self-appraisal and self-evaluation
- Critical evaluation of concepts, assumptions, arguments and data

Practical skills are developed through

- Use of general IT applications such as word processors and spreadsheets
- Use of specialised IT applications such as software development tools and environments and CASE tools
- Research skills-based activities with feedback

Skills for life and work (general skills) are developed through

- Planning activities with feedback
- Project work
- Working in groups to complete work set, such as presentations
- Working during sandwich year as placement student
- Managing time to complete assessments by deadlines

Assessment

Knowledge is assessed by

- examinations
- extended essays and reports
- multiple choice tests

Thinking skills are assessed by

- all assessment tasks set, particularly those requiring critical evaluation
- self-appraisal of performance
- use of appropriate problem solving skills

Practical skills are assessed by

- assessment tasks requiring use of general and specialised IT applications
- use of equipment in practicals and presentations

Skills for life and work (general skills) are assessed by

- evidence of group and team working
- completion of a work placement
- ability to work to time constraints

Students with disabilities and/or particular learning needs should discuss assessments with the Course Leader to ensure they are able to fully engage with all assessment within the course.

Work or Study Placements

Students who enrol on the BSc (Hons) Applied Computing (Top-Up) course will have an opportunity to undertake a 70 hour work placement during a Term 2 module. The placements will involve work that is appropriate for an undergraduate student who has completed his or her Level 4 & 5 studies but has yet to complete study at Level 6. Suitable placements will be sourced by the Department's Employability Champion and academic staff within the Department and by colleagues within the Centre for Student Success. Students may also source their own placements.

Course Structure

All courses are credit-rated to help you to understand the amount and level of study that is needed.

One credit is equal to 10 hours of directed study time (this includes everything you do e.g. lecture, seminar and private study).

Credits are assigned to one of 5 levels:

- 3 Equivalent in standard to GCE 'A' level and is intended to prepare students for year one of an undergraduate degree course.
- 4 Equivalent in standard to the first year of a full-time undergraduate degree course.
- 5 Equivalent in standard to the second year of a full-time undergraduate degree course.

- 6 Equivalent in standard to the third year of a full-time undergraduate degree course.
- 7 Equivalent in standard to a Masters degree.

Courses are made up of modules that are each credit weighted.

The module structure of this course:

Level	Module Code	Module Title	Credit Weighting	Core/Option	Available by Distance Learning? Y/N
6	CN6000	Mental Wealth; Professional Life 3 (Project)	40	Core	N
6	CN6003	Computer and Network Security	20	Core	N
6	CN6001	Enterprise Architecture and Cloud Computing	20	Core	N
6	CN6004	Project Management	20	Core	N
6	CN6007	Work Based Learning	20	Core	N

Please note: Optional modules might not run every year, the course team will decide on an annual basis which options will be running, based on student demand and academic factors, in order to create the best learning experience.

Additional detail about the course module structure:

Module CN6123 will provide students with an opportunity to undertake a 70 hour work placement during Term 2.

A core module for a course is a module which a student must have passed (i.e. been awarded credit) in order to achieve the relevant named award. An optional module for a course is a module selected from a range of modules available on the course.

The overall credit-rating of this course is 360 credits. 240 of these credits will be Accredited to students by prior Certified Learning (eg students who hold a HND or Foundation degree in a Computing related course). If for some reason you are unable to achieve this credit you may be entitled to an intermediate award, the level of the award will depend on the amount of credit you have accumulated. You can read the University Student Policies and Regulations on the UEL website:

<https://www.uel.ac.uk/Discover/Governance/Policies-Regulations-Corporate-documents/Student-Policies>

Typical Duration

The expected duration of this course is one (1) year full-time.

Further Information

More information about this course is available from:

- The UEL web site (<http://www.uel.ac.uk>)
- The course handbook
- Module study guides
- UEL Manual of General Regulations (<http://www.uel.ac.uk/qa/policies/manual/>)
- UEL Quality Manual (<http://www.uel.ac.uk/qa/policies/qualitymanual/>)
- School web pages

All UEL courses are subject to thorough course approval procedures before we allow them to commence. We also constantly monitor, review and enhance our courses by listening to student and employer views and the views of external examiners and advisors.

Additional costs:

There are no additional costs

