# COURSE SPECIFICATION

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| Course Aim and Title | BSc (Hons) Computer Science (with Foundation Year)<br><br>BSc (Hons) Computing for Business (with Foundation Year)<br><br>BSc (Hons) Cyber Security and Networks (with Foundation Year)<br><br>Note: This specification describes level 3 of the course, which is shared across all of the BSc courses. For information relating to level 4, 5 and 6, you will need to refer to the full BSc course specifications |
| Intermediate Awards | University Certificate |
| Teaching Institution(s) | UEL on Campus |
| Alternative Teaching Institutions<br>(for local arrangements see final section of this specification) | None |
| UEL Academic School | Architecture, Computing and Engineering |
| UCAS Code | 1M58 BSc (Hons) Computer Science (with Foundation Year)<br><br>G9U2 BSc (Hons) Computing for Business (with foundation year)<br><br>I100 BSc (Hons) Cyber Security and Networks(with foundation year) |
| Professional Body Accreditation | There is no professional body accreditation for the level 3 element of this course.<br>From level 4 onwards the professional body accreditation described in the full course specification applies. |
| Relevant QAA Benchmark Statements | *Computing* |
| Additional Versions of this Course | None |
| Date Specification Last Updated | June 2019 |

## Course Aims and Learning Outcomes

This course is designed to give you the opportunity to:

Level 3

Develop study skills that will be useful in subsequent study at undergraduate level.

Learn basic computing and maths skills fundamental to all disciplines.

Develop an awareness of the concepts, techniques and applications of your chosen degree subject.

Develop responsibility for independent learning.

Demonstrate the acquisition of a sufficient knowledge base to cope with study at degree level.

Demonstrate the acquisition of sufficient general study skills to cope with study at degree level.

Attain a level of mathematics and computing appropriate to undergraduate study in the proposed area.

What you will learn:

Knowledge

- To understand the role of computing in society.
- How to structure academic writing & reference work correctly.
- To understand the strands of computing

Thinking skills

- To be able to reflect upon current skills level & identify areas that require improvement.

Subject-Based Practical skills

- To carry out numerical and analytical tasks.
- To create and write a software program.
- To demonstrate ability to set up a computer network.
- To access and use various learning resources e.g. Virtual Learning Environment, library.

Skills for life and work (general skills)

- To efficiently plan work and demonstrate good time management.
- To work productively in a group to produce an oral presentation.

## Learning and Teaching

At Level 3

Knowledge is developed through

- Lectures and tutorial sessions
- Problem-solving classes
- Knowledge-based activities with feedback

Thinking skills are developed through

- Computer aided learning
- Presentations
- Preparing for tutorials and seminars/workshops
- Completing coursework assignments (including data analysis essays, presentations etc) - Independent reading

Practical skills are developed through

- Laboratory Practical and/or fieldwork
- Computer simulations and use of IT

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

- Managing time
- Presenting ideas and arguments in a structured manner - written and oral communication
- Problem solving
- Teamwork

## Assessment

Assessment is undertaken in various modes, in general assessment takes the following forms.

At Level 3

Knowledge and Thinking skills are assessed by

- Evidence of reading and comprehension of the topics covered in the module being assessed. This will be particularly apparent in essay work and examinations.
- Ability to describe, explain and discuss various aspects of the course material in the context of class tutorials, group work, presentations and other pieces of assessed coursework for the module.

Pracitcal skills are assessed by

- The ability to carry out laboratory practical work effectively, within the timeframe allocated

- The ability to interpret and report on work carried out in the laboratory
- The ability to complete assignments using appropriate resources
- Evidence of logical planning and management of time in the preparation of materials for assessment

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

- The ability to work to strict deadlines
- The ability to select and utilise appropriate problem solving skills
- Demonstration of effective oral and written communication skills
- Evidence of interpersonal skills such as teamwork and /or team leadership
- Evidence of general numeracy skills

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

Placements and work experience opportunities can be pursued once the student has progressed to the honours degree courses. Please see the relevant course/course specification.

## 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 |
|---|---|---|---|---|---|
| 3 | CN3101 | Key Skills | 20 | Core | N |
| 3 | CN3102 | Mental Wealth; Professional Life (Group Project) | 20 | Core | N |
| 3 | CN3103 | Level 4 Primers | 20 | Core | N |
| 3 | CN3104 | Applied Maths | 20 | Core | N |
| 3 | CN3105 | Introduction to Computing | 20 | Core | N |
| 3 | CN3106 | Business Information Systems | 20 | Core | N |

Additional detail about the course module structure:

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 480 credits (including levels 4, 5 and 6). 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.

## Course Specific Regulations

Students must pass all the level 3 modules to progress to level 4 of one of the BSc courses listed above within the School of Architecture, Computing and Engineering.

## Typical Duration

It is possible to move from full-time to part-time study and vice-versa to accommodate any external factors such as financial constraints or domestic commitments at levels 4, 5 or 6. Many of our students make use of this flexibility

and this may impact on the overall duration of their study period. However, it is not possible to study level 3 in part-time day release study.

The expected duration of this course is 4 years full-time or 8 years part-time.

A student cannot normally continue study on a course after 4 years of study in full time mode unless exceptional circumstances apply and extenuation has been granted. The limit for completion of a course in part time mode is 8 years from first enrolment.

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## Further Information

More information about this course is available from:

- The UEL web site (www.uel.ac.uk)
- The course handbook
- Module study guides
- UEL Manual of General Regulations (available on the UEL website)
- UEL Quality Manual (available on the UEL website)
- 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:

N/A

## Alternative Locations of Delivery

N/A