CBE Foundation Year
COURSE SPECIFICATION

Course Aim and Title	BSc (Hons) Construction Management (with Foundation Year) BSc (Hons) Surveying & Mapping Sciences (with Foundation Year) Note: This specification describes level 3 of the course, which is shared across all of the BSc courses. For information relating to levels 4, 5, and 6, you will need to refer to the full BSc course specification.	
Intermediate Awards Available	University Certificate	
Teaching Institution(s)	UEL on campus	
Alternative Teaching Institutions (for local arrangements see final section of this specification)	None	
UEL Academic School	Architecture, Computing and Engineering	
	K200	BSc (Hons) Construction Management (with Foundation year)
	H149	BSc (Hons) Surveying & Mapping Sciences (with Foundation year)
Professional Body Accreditation	There is no professional body accreditation for the level 3 element of this course. From level 4 onwards the professional body accreditation described in the full course specification applies.	
Relevant QAA Benchmark Statements	Construction, Property and Surveying Engineering	
Additional Versions of this Course	None	
Date Specification Last Updated	August 2019	

Course Aims and Learning Outcomes

This course is designed to give you the opportunity to:

Level 3

- Acquire the broad knowledge and skills at level three for a range of professional technical disciplines, such as civil engineering, surveying & mapping and construction management;
- Be able to apply and integrate knowledge and understanding of technical disciplines and processes to support survey, design and production / construction activities within society;
- Gain an elementary knowledge and understanding of the physical concepts related to construction and engineering materials and simple structures.
- To develop communication, presentation and practical skills, allowing students to articulate laboratory/practical findings both verbally and as written reports, and to interpret basic engineering drawings and diagrams.
- To prepare for progression and educational development within professional disciplines thus giving opportunities to study for graduate and later post-graduate degree level study.

What you will learn:

Knowledge

- The principles of engineering; application of appropriate mathematical techniques and methods to examine real-world engineering problems;
- Design process and methods, manufacturing and construction practice;
- Management and professional practices and roles within the Industry.

Thinking skills

- An awareness of commercial and technical issues in engineering and construction;
- An ability to interpret and analyse results, data and other information to present them in suitable forms.

Subject-Based Practical skills

- Team working, time management and communication skills to prepare for work in the Industry.

Skills for life and work (general skills)

- The knowledge and skills to progress your career and educational development in the Industry
- Personal development techniques and confidence in your abilities to enable you to become a valued professional in the shaping of the community and society.

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
- Case study scenarios
- Individual and group projects
- Online discussions and activities

Practical skills are developed through
- Laboratory and surveying practicals
- Task based scenarios and individual / group project work

Skills for life and work (general skills) are developed through
- Planning activities with feedback
- Project work

Assessment

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

At Level 3

Knowledge is assessed by
- Written assignments
- Laboratory reports
- Timed controlled assignments
- Project reports
- Examinations

Thinking skills are assessed by
- Problem-based exercises
- Individual and group projects
- Examinations

Practical skills are assessed by
- Practical reports
- Practical demonstrations
- Portfolio completion

Skills for life and work (general skills) are assessed by
- Logbooks, learning portfolios

- Poster displays
- Exhibitions
- Oral presentations

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. At that stage placements can vary in duration from during the summer vacation to 12 months. 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	EG3010	Mental Wealth; Professional Life	20	Core	N
3	CN3030	Introduction to Computing	20	Core	N
3	EG3014	Mathematical Applications	20	Core	N
3	EG3017	Construction Technical Studies	20	Core	N
3	EG3013	Spatial Communication & Visualisation	20	Core	N
3	EG3018	Fundamentals of Construction Management	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. 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

To progress from level 3 to level 4 of the BSc (Hons) course you must pass all the level 3 modules.

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 7 years from first enrolment (8 for foundation).

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

While the university will provide suitable personal protective equipment (PPE) for students to work in UEL workshops and/or laboratories, students have to provide their own steel-toe-capped footwear. For students on external construction site visits other related PPE will also be required to be purchased such as hard hats and hi-visibility vests etc.

At Level 3 there will also be costs in relation to day-visits and for drawing equipment and model making materials.

Levels 4 & 5 of this course include compulsory field scheme elements which will incur accommodation and travel costs.

Alternative Locations of Delivery

Not applicable