

## FOUNDATION COURSE SPECIFICATION

Course Aim and Title	BSc (Hons) *** (with foundation year)  This is the foundation pathway leading to the following degrees: BSc (Hons) Biomedical Science BSc (Hons) Biochemistry and Biotechnology BSc (Hons) Chemistry BSc (Hons) Medical Physiology BSc (Hons) Pharmaceutical Science BSc (Hons) Pharmacology BSc (Hons) Public Health
Intermediate Awards Available	Dip HE Cert HE
Teaching Institution(s)	UEL
Alternative Teaching Institutions (for local arrangements see final section of this specification)	Metropolitan College, Greece <b>BSc (Hons) Biomedical Science ONLY</b>
UEL Academic School	Health, Sport and Bioscience
UCAS Code	BSc (Hons) Biomedical Science (C790) BSc (Hons) Biochemistry and Biotechnology (N/A) BSc (Hons) Chemistry (F101) BSc (Hons) Medical Physiology (B236) BSc (Hons) Pharmaceutical Science (B479) BSc (Hons) Pharmacology (B416) BSc (Hons) Public Health (B134)
Professional Body Accreditation	N/A
Relevant QAA Benchmark Statements	Biosciences / Biomedical Science
Additional Versions of this Course	None
Date Specification Last Updated	August 2023

### Course Aims and Learning Outcomes

This course is designed to give you the opportunity to:

- Develop study skills that will be useful in subsequent study at undergraduate level.
- Acquire a basic understanding of the theory & practice of your chosen degree subject.
- Develop an awareness of the concepts, techniques and applications of your chosen degree subject.
- Develop the practical and transferable skills necessary for success when entering the chosen degree course.
- To develop responsibility for independent learning

What you will learn:

#### Knowledge

- A broad knowledge of study skills, maths and I.C.T plus subjects appropriate to undergraduate study in your chosen degree
- An awareness of current issues across a broad range of subjects relevant to the Degree with Foundation Year courses
- An awareness of the driving forces behind current research in the field
- An awareness of the wider implications of research on society as a whole.

#### Thinking skills

- The ability to comprehend and analyse published information
- The ability to use integrated approaches to problem solving.

#### Subject-Based Practical skills

- The ability to use numbers to analyse data from your own and other people's experiments and to interpret them
- The ability to select and apply a range of practical skills relevant to you chosen degree
- The ability to effectively communicate your work to others by a variety of means
- The ability to select and utilise appropriate computer software.

#### Skills for life and work (general skills)

- The development of own style of independent learning
- The ability to communicate ideas and experiments to others and to debate relevant scientific and/or ethical skills
- IT skills
- Communication skills
- Team work
- Time management

## Learning and Teaching

Knowledge is developed through

- Lectures and tutorials
- Workshops and practicals
- Guided reading
- Internet, Moodle, and Computer Based Learning
- Knowledge-based activities with feedback

Thinking skills are developed through

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

Practical skills are developed through

- Library practical and/or fieldwork, site visits
- Computer simulations and IT activities with feedback
- Research skills-based activities with feedback

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

- Personal Development Plan
- Managing time
- Planning activities with feedback
- Presenting ideas and arguments in structured manner – written and oral communication
- Problem solving
- Team work

## Assessment

A wide variety of assessment methods are used.

Knowledge is assessed by

- Evidence of reading and comprehension of the topics covered in the modules being assessed. This will be particularly apparent in essay work and completion of coursework portfolios.
- 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 modules.

Thinking skills are assessed by

- Coursework, examinations, mini research projects on topics relevant to degree courses studied

Practical 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 utilize appropriate problem solving skills
- Demonstration of effective oral and written communication skills
- Evidence of general numeracy skills
- Evidence of interpersonal skills such as teamwork and/or team leadership

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 assessments within the course.

## Work or Study Placements

The Foundation Year does not include the traditional work placements that higher level students complete. However, it offers an optional non-credit placement module of short duration while on the Foundation Year. After successful completion of the Year, students may opt to enter sandwich degree courses. These have one year work experience placements that are competitive as places are limited.

## 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**

<b>Level</b>	<b>Module Code</b>	<b>Module Title</b>	<b>Credit Weighting</b>	<b>Core/Option</b>	<b>Available by Distance Learning?</b>
3	BS3203	Essential Skills for Higher Education (Mental Wealth)	20	Core	N
3	BS3202	Essential Maths & ICT	20	Core (for Bioscience courses)	N
3	HS3123	Essential Research Methods and Statistics for Health Sciences	20	Core (for Public Health)	N
3	BS3200	Career & Professional Skills (Mental Wealth)	20	Core	N
3	BS3204	Human Biology	20	Core (for Bioscience courses)	N
3	BS3205	Introduction to the Study of Cells	20	Core (for Bioscience courses)	N
3	BS3201	Chemistry of Life	20	Core (for Bioscience courses)	N
3	HS3000	Introduction to Human Health & Disease	20	Core (for Health Courses)	N

3	HS3001	Understanding Clinical Practise	20	Core (for Health Courses)	N
3	HS3002	Introduction to Health & Health Care Systems	20	Core (for Health Courses)	N
3	BS3099	Optional Short Placement	0	Optional	N

*Please note: The Optional Short Placement module 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.*

*Please note: Students will complete the 120 credits at level 3 before progressing on to the level 4 modules of their chosen BSc (Hons) course. For students progressing on to the BSc (Hons) Biomedical Science, students are required to achieve an overall average mark of 50%. Students that fail to meet the criteria but pass the required 120 credits with an overall mark of 40% or above, will be advised to change to one of the other above named courses.*

*Following completion of the foundation year (Bioscience or Health route), students can apply for the BSc (Hons) Physiotherapy, BSc (Hons) Podiatry course, or BSc (Hons) Adult Nursing through UCAS. There is no direct entry on to these courses and students are required to meet their entry criteria. Students are advised to consult with the Admissions Tutor for these courses directly to seek further guidance on their requirements. The Foundation Courses leader will also support you through the application process.*

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.

Upon completion of the Foundation Year (level 3) with a total of 120 credits, students follow the 3-year relevant degree course. The overall credit-rating of the 3-year degree course is 360 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

The UEL pass compensation rule is not applicable on the BSc (Hons) Biomedical Science course because of requirements by the accrediting professional body, the Institute of Biomedical Science.

For progression from the foundation year pathways into the accredited BSc Biomedical Science all modules must be passed with a minimum aggregated mark of 60% for foundation year.

## 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. Many of our students make use of this flexibility and this may impact on the overall duration of their study period.

The expected duration of the main degree course is 3 years full-time or 4 years full-time with Placement Year. For students on the Foundation route is 4 years full-time and 5 years full-time with Placement Year.

A student cannot normally continue study on a course after 5 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 years for foundation year).

## Further Information

More information about this course is available from:

- The UEL web site ([www.uel.ac.uk](http://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:

None.

## Alternative Locations of Delivery

The BSc (Hons) Biomedical Science (with Foundation) course is also taught by Metropolitan College in Greece and awarded by the University of East London.

This course has professional body accreditation by the Institute of Biomedical Science.