Programme Specification

Applied Biomedical Science {Top-Up}[Sep][FT][INTUNI][1yr]

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Section 1: Key Programme Details

Part A: Programme Information

Programme title: Applied Biomedical Science {Top-Up}[Sep][FT][INTUNI][1yr]

Highest award: BSc (Hons) Applied Biomedical Science

Interim award: BSc Applied Biomedical Science

Interim award: DipHE Applied Biomedical Science

Interim award: CertHE Applied Biomedical Science

Awarding institution: UWE Bristol

Affiliated institutions: International University, Vietnam

Teaching institutions: International University, Vietnam

Study abroad: No

Year abroad: No

Sandwich year: No

Credit recognition: No

Department responsible for the programme: HAS Dept of Applied Sciences, Faculty of Health & Applied Sciences

Contributing departments: Not applicable

Professional, statutory or regulatory bodies: Not applicable

Apprenticeship: Not applicable

Mode of delivery: Full-time

Entry requirements: For the current entry requirements see the UWE public website

For implementation from: 01 September 2022

Programme code: J7H113-SEP-FT-IN-J7H1

Section 2: Programme Overview, Aims and Learning Outcomes

Part A: Programme Overview, Aims and Learning Outcomes

Overview: The BSc (Hons) Applied Biomedical Science programme is a degree designed for students interested in taking a hands-on approach to studying the biology of disease. The programme is a collaboration with International University (Vietnam) with an emphasis on the application of biomedical sciences and provision of relevant education and practical skills that afford excellent and varied employment opportunities.

The programme combines theoretical and laboratory approaches to understanding the human body and disease, and at more advanced levels is research-informed and aligned with biomedical specialist themes.

Educational Aims: An overall educational experience that covers the broad educational requirements for the benchmark Biomedical Science core specialisms, but being research-informed at advanced levels, also provides knowledge and insight of advanced research and scientific developments associated with the study of health and disease.

Opportunities for students from a wide range of backgrounds to develop and realise their potential in a supportive and responsive teaching and learning environment.

Added value for learners in their specialised, subject-specific knowledge and transferable skills.

A programme responsive to feedback from students, external examiners and other stakeholders as part of quality programme management and enhancement.

Appropriate facilities and resources to deliver a quality teaching and learning experience.

Programme Learning Outcomes:
On successful completion of this programme graduates will achieve the following learning outcomes.

Programme Learning Outcomes

PO1. Knowledge and understanding of core biomedical science subject areas and a more specialist and deeper understanding of advancing areas of science

PO2. Knowledge and understanding of the context of biomedical sciences and its application to practical problems within healthcare and research arenas

PO3. Actively question and seek relevant information

PO4. Apply practical approaches to studying biomedical science, and be aware of research governance including safety and good laboratory practice

PO5. Demonstrate an understanding of the research process through the successful execution of an independent research project

PO6. Communicate effectively and appropriately using a variety of methods

PO7. Demonstrate independent self-directed learning, and skills for life-long learning

Part B: Programme Structure

Year 1

The student must take 120 credits from the modules in Year 1.

Module Code	Module Title	Credit
USSKBN-30-3	Applied Immunology 2022-23	30
USSKBF-30-3	Genomic Technologies 2022-23	30
USSKBJ-30-3	Medical Microbiology 2022-23	30
USSK5K-30-3	Research Experimental Project 2022-23	30

Part C: Higher Education Achievement Record (HEAR) Synopsis

Graduates from this programme have met the learning outcomes and educational requirements consistent with a sound knowledge and understanding of the causes and development of human disease, together with a theoretical and practical knowledge of key methods suitable for its diagnosis and treatment. Having studied central compulsory subject material, core specialist modules, and a research project, graduates are ready for employment within the biomedical science arena, but also in a wide range of other careers, enabled by the transferable skills that they acquire during their studies.

Part D: External Reference Points and Benchmarks

QAA UK Quality Code for HE: Framework for higher education qualifications (FHEQ):

The learning outcomes for the programme have been developed with reference to the qualification descriptors used in the QAA Framework for HE Qualifications. The curriculum and skills map to the QAA subject benchmark statements for Biomedical Sciences in order to embrace a broad range of scientific and medical knowledge, alongside the research and practical skills that are expected of a graduate in order to become a competent biomedical scientist.

The broadly based core knowledge sub-headings for general inclusion within the Biomedicine benchmark (QAA Statement for Biomedical Sciences) are listed as human anatomy and physiology, cell biology, biochemistry, genetics genomics and human variation, molecular
biology, the nature of disease, bioinformatics, microbiology, immunology, pharmacology, developmental biology and physics/chemistry. All of these subjects are provided within
compulsory modules in this programme. This provides students with an integrated knowledge of the human body at a physiological, cellular, molecular and genetic level, in both health and disease.

University policies: (http://www1.uwe.ac.uk/aboutus/policies)

University teaching and learning ethos.

In line with the University's teaching and learning ethos, this programme takes a student-centred approach to learning by allowing students to take control of aspects of their learning and providing a learning environment that stimulates active participation and engagement in the learning process. The programme seeks to create an environment that stimulates students to take responsibility for aspects of their learning, while lecturers facilitate that learning. The module learning outcomes are designed to ensure that students meet the overall programme learning outcomes by completion.

A variety of assessment methods is incorporated within the programme to cater for a diversity of student strengths and abilities. The course team recognises the importance of both formative and summative assessment activity as an integral part of the learning and teaching process. All assessments comply with the University Assessment Policy, Academic Regulations and Procedures and the Work-based Learning Policy.

Part E: Regulations

Approved to University Regulations and Procedures.