



SECTION 1: KEY PROGRAMME DETAILS

PROGRAMME INFORMATION	
Final Award Title	BSc (Hons) Applied Biomedical Science
Default Award Title (Exit Award)	N/A
Interim Award Titles (Exit Awards)	BSc Applied Biomedical Science Dip HE Applied Biomedical Science Cert HE Applied Biomedical Science
Awarding Institution	UWE Bristol
Teaching Institutions	UWE Bristol International University, Vietnam
Partner Institutions	International University, Vietnam
Delivery Locations	UWE Bristol International University, Vietnam
Study Abroad / Exchange / Credit Recognition	N/A
Faculty Responsible For Programme	Health and Applied Sciences
Department Responsible For Programme	Applied Sciences
Professional Statutory or Regulatory Body (PSRB) Links	N/A
Apprenticeship	N/A
Mode of Delivery	FT /SW
Entry Requirements	<p>The University's Standard Entry Requirements.</p> <p>Tariff points as appropriate for the year of entry - up to date requirements are available through the courses database.</p> <p>Students having completed the first three years of the BSc Biomedical Sciences programme at International University, Vietnam will be eligible to join the programme at Level 3.</p>

PROGRAMME INFORMATION	
For Implementation From	September 2019
Programme Codes	J7H1

PART B: FOR STUDENT AND ACADEMIC SERVICES COMPLETION ONLY	
First UVP Approval Date	16/07/2019
Date of Last Revalidation (through Programme Enhancement Review)	
Next Programme Enhancement Review Date	2025

SECTION 2: PROGRAMME OVERVIEW, AIMS and LEARNING OUTCOMES

This section provides students with an overview of the programme, its aims and its learning outcomes. It sets out what prospective and registered students can expect to know, understand and be able to do on successful completion of the programme.

Please write this section in the first person, addressing your prospective students.

PART A: PROGRAMME OVERVIEW, AIMS and LEARNING OUTCOMES
1. (Programme) Overview (c. 400 words)
<p>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.</p> <p>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.</p>
2. Educational Aims (c. 4-6 aims)
<ul style="list-style-type: none"> • 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.

PART A: PROGRAMME OVERVIEW, AIMS and LEARNING OUTCOMES

- 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.

3. Programme Learning Outcomes (c. 6-8 outcomes)

- Knowledge and understanding of core biomedical science subject areas and a more specialist and deeper understanding of advancing areas of science
- Knowledge and understanding of the context of biomedical sciences and its application to practical problems within healthcare and research arenas
- Actively question and seek relevant information
- Apply practical approaches to studying biomedical science, and be aware of research governance including safety and good laboratory practice
- Demonstrate an understanding of the research process through the successful execution of an independent research project
- Communicate effectively and appropriately using a variety of methods
- Demonstrate independent self-directed learning, and skills for life-long learning

Programme (Learning) Outcomes (POs)

No.	PO Text
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

5. Stage Learning Outcomes (Optional)

This section is *optional*, and is to be completed only where relevant.

N/A

PART B: PROGRAMME STRUCTURE
BSc(Hons) Applied Biomedical Science
1. Structure (Full-time)

This structure diagram demonstrates the student journey from entry through to Graduation for a typical **full time student** including:

- level and credit requirements
- interim award titles
- compulsory and optional modules

Year: 1

Interim award: Cert HE Applied Biomedical Science

Requires 120 credits at Level 1. Please refer to UWE Academic Regulations for details.

Compulsory modules

Module Code	Module Title	Level	Credit
USSKA7-30-1	Infection and Disease	1	30
USSKA5-30-1	Biomedical Skills	1	30
USSKA3-30-1	Anatomy & Physiology	1	30
USSKA4-30-1	Cells Biochemistry and Genetics	1	30

Year: 2

Interim award: Dip HE Applied Biomedical Science

Requires 240 credits (with at least 100 credits at Level 2). Please refer to UWE Academic Regulations for details.

Compulsory modules

Module Code	Module Title	Level	Credit
USSKAT-30-2	Studies in the Biology of Disease	2	30
USSJXR-15-2	Molecular Cell Biology	2	15
USSJXS-15-2	Applied Scientific Practice	2	15

Optional modules

Module Code	Module title	Level	Credit
USSJXP-15-2	Pharmacology	2	15

USSJXQ-15-2	Immunology	2	15
USSKB7-15-2	Molecular Genetics	2	15
USSJXT-15-2	Tissue and Tumour Science	2	15
USSKB5-15-2	Medicinal Chemistry	2	15
USSJXU-15-2	Blood Science	2	15
USSKB6-15-2	Microbiology	2	15
USSKB4-15-2	Cell Signalling	2	15
USSJXV-30-2	Human Physiology	2	30

Year: 3**Interim award:** BSc Applied Biomedical Science

Requires 300 credits (with at least 60 credits at Level 3). Please refer to UWE Academic Regulations for details.

Highest award: BSc(Hons) Applied Biomedical Science

Requires 360 credits (with at least 200 credits at Level 2 or above and at least 100 credits at Level 3). Please refer to UWE Academic Regulations for details.

Compulsory modules

Project module + at least one core specialist module

Module Code	Module Title	Level	Credit
USSK5K-30-3	Research Experimental Project	3	30
USSKKB-30-3	Haematology & Transfusion Science	3	30
USSKBL-30-3	Clinical Biochemistry	3	30
USSKBJ-30-3	Medical Microbiology	3	30
USSKBN-30-3	Applied Immunology	3	30
USSKBH-30-3	Medical Genetics	3	30
USSKBM-30-3	Cellular Pathology and Oncology	3	30

Optional modules

Module Code	Module title	Level	Credit
USSKBX-15-3	Pharmacology & Toxicology	3	15
USSKBY-15-3	Antimicrobial Agents	3	15
USSKBW-15-3	Pathophysiology	3	15
USSJXW-15-3	Physical Activity, Nutrition & Health	3	15
USSKCA-15-3	Neuroscience & Neuropharmacology	3	15
USSJYW-15-3	Epidemiology and Public Health	3	15
USSJXY-15-3	Developmental and Stem Cell Science	3	15
USSJYX-15-3	Medical Technology and Enterprise	3	15
USSKBF-30-3	Genomic Technologies	3	30

PART B: PROGRAMME STRUCTURE**International University, Vietnam****2. Structure (Full-time)**

This structure diagram demonstrates the student journey from entry through to Graduation for a typical **International University, Vietnam student** including:

- level and credit requirements
- interim award titles
- compulsory and optional modules

Year: 1**Interim award:** BSc Applied Biomedical Science

Requires 300 credits at the appropriate level. Please refer to UWE Academic Regulations for details.

Highest award: BSc(Hons) Applied Biomedical Science

Requires 360 credits (with at least 200 credits at Level 2 or above and at least 100 credits at Level 3). Please refer to UWE Academic Regulations for details.

Compulsory modules

Project module + at least one core specialist module

Module Code	Module Title	Level	Credit
USSK5K-30-3	Research Experimental Project	3	30
USSKBK-30-3	Haematology & Transfusion Science	3	30
USSKBL-30-3	Clinical Biochemistry	3	30
USSKBJ-30-3	Medical Microbiology	3	30
USSKBN-30-3	Applied Immunology	3	30
USSKBH-30-3	Medical Genetics	3	30
USSKBM-30-3	Cellular Pathology and Oncology	3	30

Optional modules

Module Code	Module title	Level	Credit
USSKBX-15-3	Pharmacology & Toxicology	3	15
USSKBY-15-3	Antimicrobial Agents	3	15
USSKBW-15-3	Pathophysiology	3	15
USSJXW-15-3	Physical Activity, Nutrition & Health	3	15
USSKCA-15-3	Neuroscience & Neuropharmacology	3	15
USSJYW-15-3	Epidemiology and Public Health	3	15
USSJXY-15-3	Developmental and Stem Cell Science	3	15
USSJYX-15-3	Medical Technology and Enterprise	3	15
USSKBF-30-3	Genomic Technologies	3	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

PART D: EXTERNAL REFERENCE POINTS AND BENCHMARKS

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](#)

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

PART E: REGULATIONS

A: Approved to [University Regulations and Procedures](#)