



## PROGRAMME SPECIFICATION

### Section 1: Basic Data

<b>Awarding institution/body</b>	University of the West of England, Bristol
<b>Teaching institution</b>	University of the West of England, Bristol
<b>Delivery Location(s)</b>	University of the West of England, Bristol
<b>Faculty responsible for programme</b>	Health & Life Sciences
<b>Modular Scheme title</b>	School of Life Sciences
<b>Professional Statutory or Regulatory Body Links (type and dates)</b>	Health Professions Council Institute of Biomedical Science, from 2007
<b>Highest award title</b>	BSc (Hons) Applied Biomedical Science (Clinical)
<b>Default award title</b>	BSc (Hons) Biomedical Science
<b>Interim award titles</b>	BSc Biomedical Sciences Dip.HE Biomedical Sciences Cert.HE Biomedical Sciences
<b>UWE progression route</b>	
<b>Mode(s) of delivery</b>	Sandwich
<b>Codes</b>	
<b>UCAS code</b> C980	<b>JACS code</b>
<b>ISIS code</b>	<b>HESA code</b>
<b>Relevant QAA subject benchmark statements</b>	Biosciences & Biomedical Science
<b>On-going/valid until* (*delete as appropriate/insert end date)</b>	
<b>Valid from (insert date if appropriate)</b>	1.1
<b>Original Validation Date:</b>	
<b>Latest Committee Approval...</b>	<b>Date:...</b>

**Version Code**

*For coding purposes, a numerical sequence (1, 2, 3 etc.) should be used for successive programme specifications where 2 replaces 1, and where there are no concurrent specifications. A sequential decimal numbering (1.1; 1.2, 2.1; 2.2 etc) should be used where there are different and concurrent programme specifications*

**Section 2: Educational aims of the programme**

The BSc (Hons) Applied Biomedical Science (clinical) programme is designed for students interested in taking a hands-on approach to studying the biology of disease. The programme is within our extensive Biomedical Science provision with an emphasis on the application of biomedical sciences in the Health Service. During the programme of study students will complete a Registration Training Portfolio, including a placement within an accredited NHS training laboratory, enabling them to apply to the Health Professions Council for registration as a Biomedical Scientist upon graduation.

The programme provides:

- opportunities for students from a wide range of backgrounds to develop competencies 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 coherent and flexible programme of study with a variety of attendance modes
- graduates with a registered degree route suited to the pursuance of a career as a Biomedical Scientist in the NHS
- 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

The programme integrates a wide range of subjects in the study of the biology of disease. The combination of modules offered enables students to understand the science of the causes, diagnosis and treatment of disease while working at the cutting edge of biomedical sciences using state-of-the-art equipment and learning support material.

**Section 3: Learning outcomes of the programme**

*The award route provides opportunities for students to develop and demonstrate knowledge and understanding, qualities, skills and other attributes in the following areas: ...*

**A Knowledge and understanding**

Learning outcomes	Teaching, Learning and Assessment Strategies
<p><b>A Knowledge and understanding of:</b></p> <ol style="list-style-type: none"> <li>1. demonstrate a broad knowledge base with specific areas of deeper understanding relevant to biomedical sciences</li> <li>2. understand the context of biomedical sciences and their application to practical problems</li> <li>3. demonstrate an understanding of the contribution of research and scholarship</li> </ol>	<p><b>Teaching/learning methods and strategies:</b></p> <p><i>Acquisition of knowledge is achieved through a variety of methods including lectures, practicals, seminars, tutorials, case studies project work, the training placement and completion of the Registration Training Portfolio.</i></p> <p><i>Additional support is provided through E-learning including Blackboard/UWEonline and the Profile website that supports</i></p>

<p>in their specialist areas of biomedical sciences</p>	<p><i>placement learning.</i></p> <p><i>Throughout, the learner is encouraged to undertake independent reading both to supplement and consolidate what is being taught/learnt and to broaden their individual knowledge and understanding of the subject.</i></p> <p><b>Assessment:</b>  <i>Testing of the knowledge base is through assessed laboratory tasks (2), coursework and examinations (1-3) as well as evidence supplied by the Registration Training Portfolio. Methods are specified in each module guide and are varied and designed to test the learning outcomes.</i></p>
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### B Intellectual Skills

<p><b>B Intellectual Skills</b></p> <p>The ability to...</p> <ol style="list-style-type: none"> <li>1. Actively question and seek information</li> <li>2. Compare and contrast information from different sources</li> <li>3. Critically evaluate information against hypotheses in a range of research scenarios</li> <li>4. Actively analyse and apply problem-solving strategies</li> <li>5. Demonstrate independent and self-directed learning</li> </ol>	<p><b>Teaching/learning methods and strategies</b></p> <p><i>Intellectual skills are developed through student-centred learning, written assignments, practical work, data handling and interpretation, tutorial and seminar work. The research project is designed to permit students to demonstrate achievement of all the learning outcomes 1-5.</i></p> <p><b>Assessment</b></p> <p><i>A variety of assessment methods is employed. Some/all test a learner's ability to demonstrate skills 1-5 etc through examinations but assessment of the Registration Training Portfolio, coursework and practical project work including student oral presentation is the main vehicle for assessment of higher order skills</i></p>
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### C Subject, Professional and Practical Skills

<p><b>C Subject/Professional/Practical Skills</b>          The ability to...</p> <ol style="list-style-type: none"> <li>1. Critically observe, analyses and evaluate information arising from a wide range of sources</li> <li>2. Apply practical approaches to the study of selective aspects of biomedical sciences and demonstrate an awareness of safety and good laboratory practice.</li> <li>3. Communicate effectively scientific data and concepts</li> <li>4. Develop discipline-specific interests by specialising within the programme in relation to subject and/or career aspiration</li> <li>5. Demonstrate an understanding of the research process through the execution of a research project</li> </ol>	<p><b>Teaching/learning methods and strategies</b></p> <p>Skills 1-4 are acquired and developed in a coordinated and progressive way throughout the levels of the programme through lectures, tutorials, case studies, practical and project work. At level 1 attention is focussed on the acquisition of basic skills and safe working practices through prescribed exercises, while at level 2 more advanced techniques and open ended practical work are introduced. Professional skills are acquired through placement in an accredited NHS training laboratory between levels 2 and 3. At level 3 the research project is pivotal to the acquisition and consolidation of skills 1-5.</p> <p><b>Assessment</b></p> <p><i>Skills 1, 2, 3 and 4 are primarily assessed through practical reports, coursework and research projects – proposal, oral presentation and report. Additionally, skill 5 is assessed in the research project.</i></p>
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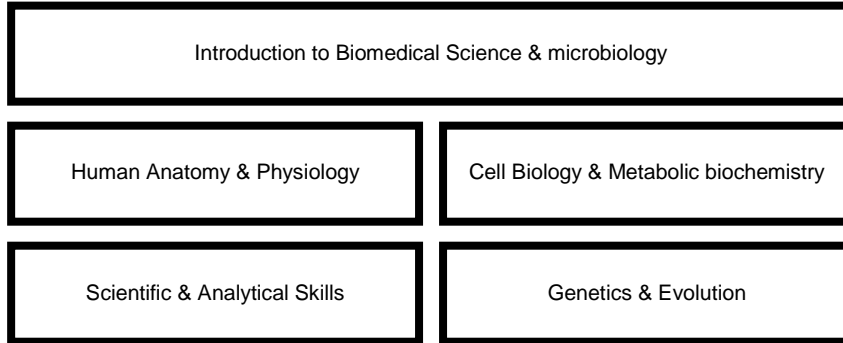
### D Transferable Skills and other attributes

<p><b>D Transferable skills and other attributes</b>          The ability to...</p> <ol style="list-style-type: none"> <li>1. Communicate effectively and appropriately using a variety of methods</li> <li>2. Critically analyse data arising from various means of biological inquiry</li> <li>3. Undertake active learning and development</li> <li>4. Apply information management skills</li> <li>5. Practice effective time management</li> <li>6. Evaluate performance of self and others</li> </ol>	<p><b>Teaching/learning methods and strategies</b></p> <p><i>Skills are developed throughout all the compulsory and core modules and in particular the spine of experimental design, data analysis and research project modules. The skills are further developed throughout the programme via case studies, practicals, tutorials and coursework assignments and a placement in an accredited NHS laboratory.</i></p> <p><b>Assessment</b></p> <p><i>A range of assessment strategies are used including essay, practical report, group work, case study, oral presentation, literature review and critique as well as the research project</i></p>
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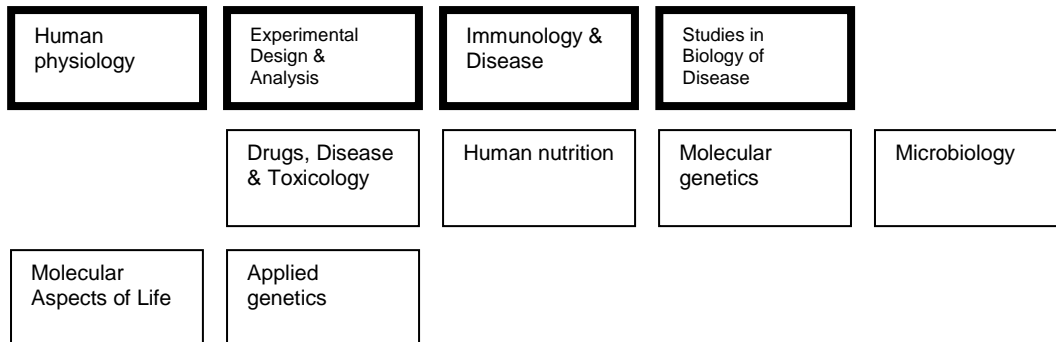
**Section 4: Programme structure INTEGRATED ROUTE**

**BSc (Hons) Applied Biomedical Sciences (Clinical)**

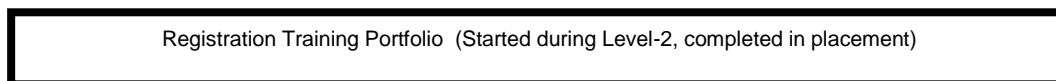
Level 1: one 40 credit and 4 20 credit modules



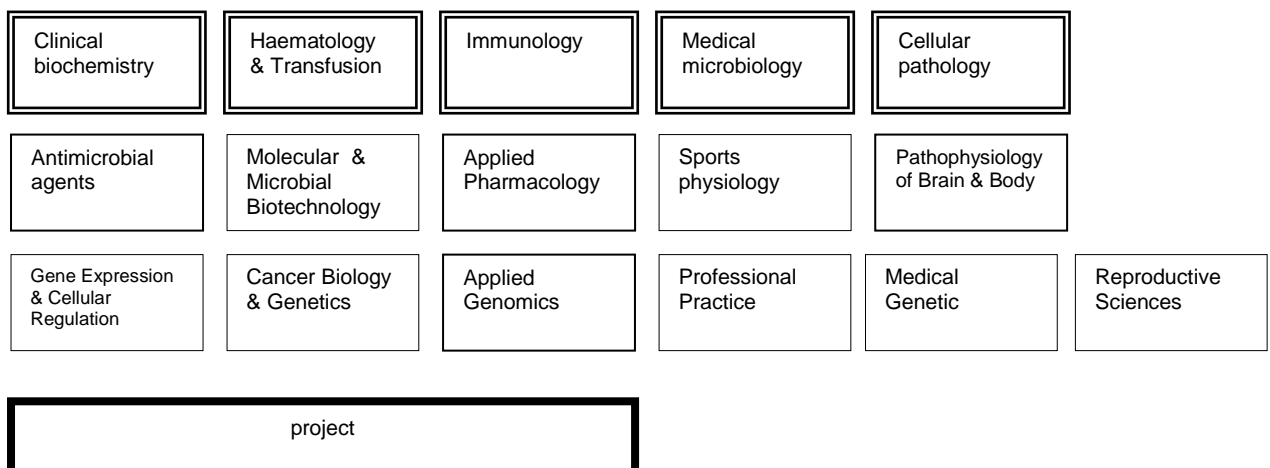
Level 2: 20 credit modules



1 year placement in an accredited NHS training laboratory



Level 3: 20 & 40 credit



Compulsory

Min of 1 from group

Min of 2 from group

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<b>level 1</b>	<p><b>Compulsory modules</b></p> <ul style="list-style-type: none"> <li>• USS JJP-40-1 Introduction to Biomedical Science &amp; Microbiology</li> <li>• USSJL-20-1 Human Anatomy &amp; Physiology</li> <li>• USSJIM-20-1 Cell Biology &amp; Biochemistry</li> <li>• USSJR6-20-1 Scientific &amp; Analytical Skills</li> <li>• USSJIN-20-1 Genetics &amp; Evolution</li> </ul>		<p><b>Interim Awards: Cert HE</b></p> <ul style="list-style-type: none"> <li>• Credit requirements 120 ( of which 100 are level 1 or above)</li> </ul>
<b>level 2</b>	<p><b>Compulsory modules</b></p> <ul style="list-style-type: none"> <li>• USSJ4F-20-2 Human Physiology</li> <li>• USSJV6-20-2 Studies in the Biology of Disease</li> <li>• USSJ4E-20-2 Immunology &amp; Disease</li> <li>• USSJ4D-20-2 Experimental Design &amp; Analysis</li> </ul> <p><b>Core modules</b></p> <ul style="list-style-type: none"> <li>• USS JNB-20-2 Molecular Aspects of Life</li> <li>• USS J4G-20-2 Microbiology 2</li> <li>• USSJNA-20-2 Drugs &amp; Disease &amp; Toxicology</li> <li>• USSJ4Y-20-2 Applied Genetics</li> <li>• USSJ4C-20-2 Molecular Genetics</li> <li>• USSJ6S-20-2 Human Nutrition</li> </ul>	<b>Optional modules</b>	<p><b>Interim Awards: Dip HE</b></p> <ul style="list-style-type: none"> <li>• Credit requirements: 240 ( of which not less than 100 are level 2 or above and 120 are at level 1 or above)</li> </ul>

<b>Year out</b>	<p><i>The sandwich year allows students to gain valuable work experience and training in an accredited NHS hospital pathology and National Blood Services. The University has an arrangement with the NHS (South West Region) to sponsor selected students as salaried trainees within hospital pathology departments through out the South West, from Cornwall to Gloucestershire. Students accepting these sponsorships will commence a formal course of training to enable students to apply to the Health Professions Council for registration as a Biomedical Scientist after graduation. Students applying for placements in the NHS will be subject to a CRB check and compliance with the service's health requirements</i></p> <p><b>Optional modules</b></p> <ul style="list-style-type: none"> <li>USSJFL-20-3 Professional Practice Module</li> </ul>		
<b>level 3</b>	<p><b>Compulsory modules</b></p> <ul style="list-style-type: none"> <li>USSJ73-40-3 Project</li> </ul>	<p><b>Optional modules</b></p> <ul style="list-style-type: none"> <li></li> </ul>	<p><b>Prerequisite requirements</b></p> <ul style="list-style-type: none"> <li>Minimum credit/module requirements</li> <li>other</li> </ul>

<p><b>Core modules</b></p> <p>Minimum of 2 from</p> <ul style="list-style-type: none"> <li>• USSJIT-20-3 Haematology &amp; Transfusion</li> <li>• USSJ5E-20-3 Clinical Biochemistry</li> <li>• USSJ5D-20-3 Immunology</li> <li>• USSJN3-20-3 Medical Microbiology</li> <li>• USSJ5F-20-3 Cellular Pathology</li> </ul> <p>Minimum of 1 from</p> <ul style="list-style-type: none"> <li>• USSJFL-20-3 Professional Practice Module</li> <li>• USSJ57-20-3 Sports Physiology</li> <li>• USSJ5S-20-3 Antimicrobial Agents</li> <li>• USSJJR-20-3 Applied Pharmacology</li> <li>• USSJJQ-20-3 Pathophysiology of Brain &amp; Body</li> <li>• USSJJU-20-3 Cancer Biology &amp; Genetics</li> <li>• USSJJV-20-3 Applied Genomics</li> <li>• USSJJW-20-3 Molecular &amp; Microbial Biotechnology</li> <li>• USSJJS-20-3 Gene Expression &amp; Cellular Regulation</li> <li>• USSJ5V-20-3 Medical Genetics</li> <li>• USSJSB-20-3 Reproductive Sciences</li> </ul>		<p><b>Awards:</b></p> <ul style="list-style-type: none"> <li>• Applied Biomedical Science (Clinical) Degree with Honours</li> </ul> <p><b>Credit requirements</b></p> <ul style="list-style-type: none"> <li>• 360 ( of which not less than 100 are level 3 or above, and 100 are at level 2 or above, and 140 are level 1 or above)</li> </ul> <p><b>Professional requirements</b></p> <p>Successful completion of the Registration Training Portfolio</p> <p><b>Awards:</b></p> <ul style="list-style-type: none"> <li>• Biomedical Science Degree with Honours</li> </ul> <p><b>Credit requirements</b></p> <p>360 ( of which not less than 100 are level 3 or above, and 100 are at level 2 or above, and 140 are level 1 or above)</p> <p><b>Awards:</b></p> <ul style="list-style-type: none"> <li>• Biomedical Science Degree</li> </ul> <p><b>Credit requirements</b></p> <p>300 ( of which not less than 60 are level 3 or above, and 100 are at level 2 or above, and 120 are level 1 or above)</p>
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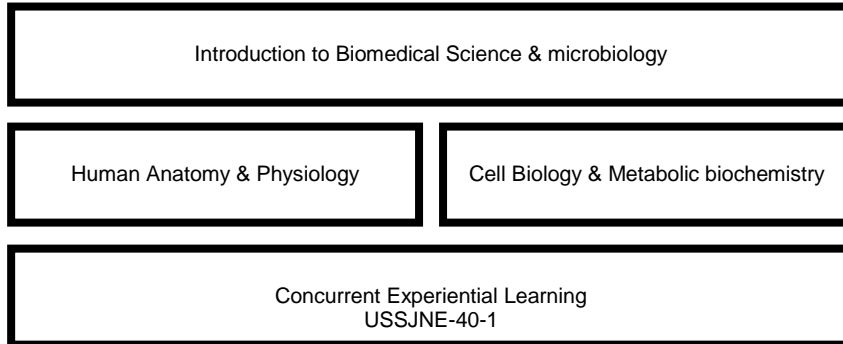
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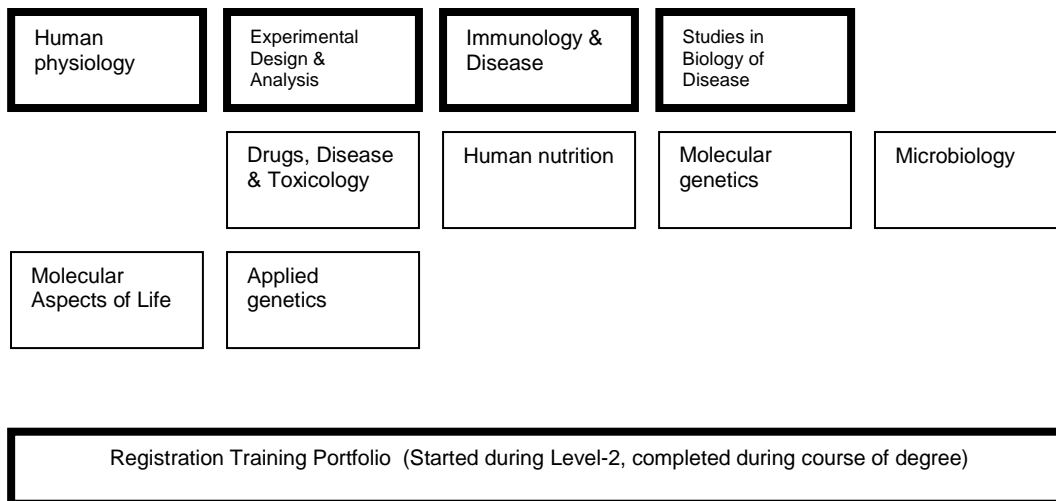
**Section 4: Programme structure BLOCK-RELEASE ROUTE**

**BSc (Hons) Applied Biomedical Sciences (Clinical). Block Release Route**

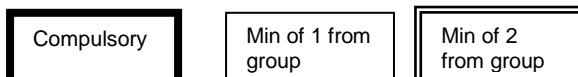
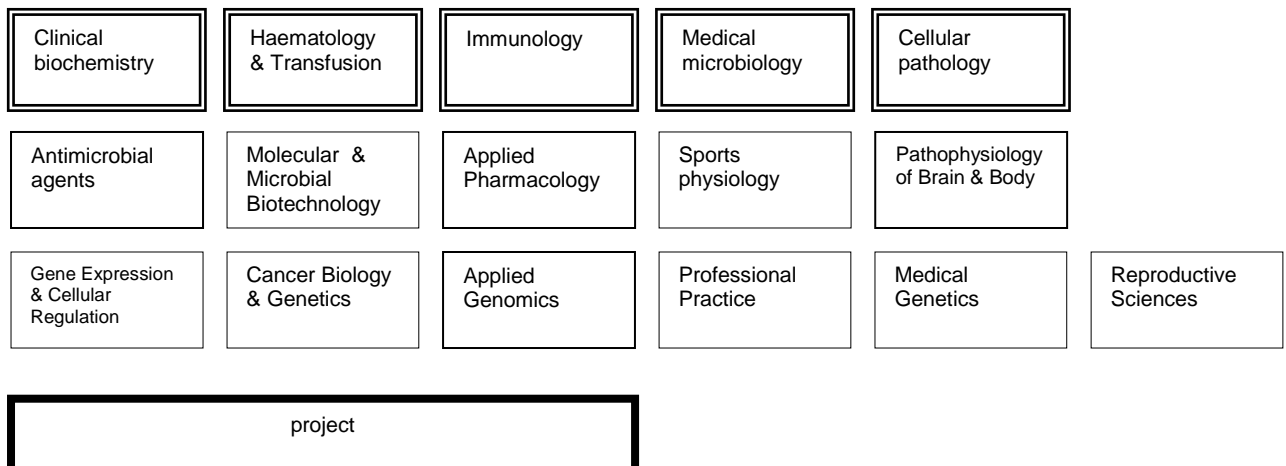
Level 1: two 40 credit and 4 20 credit modules



Level 2: 20 credit modules



Level 3: 20 & 40 credit



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<b>level 1</b>	<p><b>Compulsory modules</b></p> <ul style="list-style-type: none"> <li>• USS JJP-40-1 Introduction to Biomedical Science &amp; Microbiology</li> <li>• USSJJM-20-1 Cell Biology &amp; Biochemistry</li> <li>• USSJN-20-1 Genetics &amp; Evolution</li> <li>• USSJNE-40-1 Concurrent Experiential Learning</li> </ul>		<p><b>Interim Awards: Cert HE</b></p> <ul style="list-style-type: none"> <li>• Credit requirements 120 ( of which 100 are level 1 or above)</li> </ul>
<b>level 2</b>	<p><b>Compulsory modules</b></p> <ul style="list-style-type: none"> <li>• USSJ4F-20-2 Human Physiology</li> <li>• USSJV6-20-2 Studies in the Biology of Disease</li> <li>• USSJ4E-20-2 Immunology &amp; Disease</li> <li>• USSJ4D-20-2 Experimental Design &amp; Analysis</li> </ul> <p><b>Core modules</b></p> <ul style="list-style-type: none"> <li>• USS JNB-20-2 Molecular Aspects of Life</li> <li>• USS J4G-20-2 Microbiology 2</li> <li>• USSJNA-20-2 Drugs &amp; Disease &amp; Toxicology</li> <li>• USSJ4Y-20-2 Applied Genetics</li> <li>• USSJ4C-20-2 Molecular Genetics</li> <li>• USSJ6S-20-2 Human Nutrition</li> </ul>	<b>Optional modules</b>	<p><b>Interim Awards: Dip HE</b></p> <ul style="list-style-type: none"> <li>• Credit requirements: 240 ( of which not less than 100 are level 2 or above and 120 are at level 1 or above)</li> </ul>
<b>Year out</b>	<p>Not applicable since students taking this route are already working as trainee biomedical scientists within the NHS.</p>		

<b>level 3</b>	<p><b>Compulsory modules</b></p> <ul style="list-style-type: none"> <li>• USSJ73-40-3 Project</li> </ul>	<p><b>Optional modules</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>Prerequisite requirements</b></p> <ul style="list-style-type: none"> <li>• Minimum credit/module requirements</li> </ul>
	<p><b>Core modules</b></p> <p>Minimum of 2 from</p> <ul style="list-style-type: none"> <li>• USSJJT-20-3 Haematology &amp; Transfusion</li> <li>• USSJ5E-20-3 Clinical Biochemistry</li> <li>• USSJ5D-20-3 Immunology</li> <li>• USSJN3-20-3 Medical Microbiology</li> <li>• USSJ5F-20-3 Cellular Pathology</li> </ul> <p>Minimum of 1 from</p> <ul style="list-style-type: none"> <li>• USSJFL-20-3 Professional Practice Module</li> <li>• USSJ57-20-3 Sports Physiology</li> <li>• USSJ5S-20-3 Antimicrobial Agents</li> <li>• USSJJR-20-3 Applied Pharmacology</li> <li>• USSJJQ-20-3 Pathophysiology of Brain &amp; Body</li> <li>• USSJJU-20-3 Cancer Biology &amp; Genetics</li> <li>• USSJJV-20-3 Applied Genomics</li> <li>• USSJJW-20-3 Molecular &amp; Microbial Biotechnology</li> <li>• USSJJS-20-3 Gene Expression &amp; Cellular Regulation</li> <li>• USSJ5V-20-3 Medical Genetics</li> <li>• USSJSB-20-3 Reproductive Sciences</li> </ul>		<p><b>Awards:</b></p> <ul style="list-style-type: none"> <li>• Applied Biomedical Science (Clinical) Degree with Honours</li> </ul> <p><b>Credit requirements</b></p> <ul style="list-style-type: none"> <li>• 360 ( of which not less than 100 are level 3 or above, and 100 are at level 2 or above, and 140 are level 1 or above)</li> </ul> <p><b>Professional requirements</b></p> <p>Successful completion of the Registration Training Portfolio</p> <p><b>Awards:</b></p> <ul style="list-style-type: none"> <li>• Biomedical Science Degree with Honours</li> </ul> <p><b>Credit requirements</b></p> <p>360 ( of which not less than 100 are level 3 or above, and 100 are at level 2 or above, and 140 are level 1 or above)</p> <p><b>Awards:</b></p> <ul style="list-style-type: none"> <li>• Biomedical Science Degree</li> </ul> <p><b>Credit requirements</b></p> <p>300 ( of which not less than 60 are level 3 or above, and 100 are at level 2 or above, and 120 are level 1 or above)</p>

→ GRADUATION

## **Section 5: Entry requirements**

Admission into the biomedical programme will be administered within the undergraduate programmes in biosciences. Standard offers for entry to the programme are in the range 180-220 tariff points.

Successful application to the programme must meet one of the following minimum requirements:

- GCE A level in two science subjects to include Chemistry or a Biology subject, plus grade C or above in three GCSE subjects, to include Maths and English unless compensated for elsewhere
- Registrant Biomedical Scientists must be able to communicate in English to the standard equivalent to level 7 of the International English Language Testing System, with no element below 6.5.
- National Certificate or Diploma in an appropriate subject such as biological sciences
- Pass in a recognised Access or Foundation course.

Additionally, applicants may be admitted to the programme provided they meet one of the following requirements and can demonstrate to the Faculty attainment equivalent to the GCE A level and GCSE subject areas specified above:

- The Advanced General National Vocational Qualification (AGNVQ) or Advanced General Scottish Vocational Qualification (AGSVQ)
- The Irish Leaving Certificate with Grade C or above in two subjects at Higher level and three subjects at Ordinary level
- The Scottish Leaving Certificate of Education with grade C in three subjects at Higher and grade 3 or above in two subjects at Standard grade or Intermediate 12
- National Vocational Qualifications or Scottish Vocational Qualifications at level III
- The European Baccalaureate
- The International Baccalaureate
- Compensation through Accreditation of Prior (Experiential) Learning
- Other European or International qualifications that the University considers to be of equivalence to the above.

## **Section 6: Assessment Regulations**

**Approved to University Academic Regulations and Procedures 2008**

## **Section 7: Student learning: distinctive features and support**

A Student Handbook is provided, during Induction to year 1, which includes information on the Faculty, the University, its regulations and procedures. Subsequently, at each level, induction is provided to enable students to plan their study of modules as effectively as possible a patterned calendar of assessments across the academic year is produced. Detailed information is distributed in guides at the start of each module.

Students are supported during their time at UWE by academic tutors and their student adviser. The 'Graduate Development Programme', a new initiative being developed as part of the Student Experience programme in response to the needs of students, is a university-wide learning opportunity for students to support their learning, offer guidance for their Personal Development Planning, and enhance their employability. Students will meet programme-specific tutors on a weekly basis throughout their first year and then on a fortnightly basis in their 2<sup>nd</sup> and final year. For those students who elect to undertake a placement, a placement tutor makes regular, planned visits to provide support and to liaise with supervisors and assessors. Students on placement may take an optional Professional Practice Module which is managed through an innovative web-based interface designed to support, capture and reward placement learning. The Placements Support Team oversees the optional placement year, as described in section 4.

For all students, access to academic staff and the student advisor is by student e-mail or by personal access, and central University Centre for Student Affairs (CSA) provides support and guidance to students on a wide range of issues. The library at Frenchay campus provides an extensive range of literature for the programme. Students have 24-hour access to computers, and IT support services are available within the Faculty of Applied Sciences and from the University's Computing Helpdesk.

The Faculty has a longstanding investment in web-based support for teaching and learning; the provision of supplementary material and access to diagnostic testing of understanding and knowledge is now available through UWE's VLE, UWEonline (Blackboard). The Faculty has a well-equipped range of general laboratories, specialised scientific equipment and specialist facilities appropriate for teaching and research in biosciences, biomedicine, psychology and chemical and physical sciences. Support for laboratory-based scientific inquiry, enabled by this provision, is enhanced by the core research methods modules that occur within each year. Students develop a range of key skills required of a scientist, including literature searches, critical review, research methodology, problem-solving, and IT and communication skills.

### **Professional Accreditation**

The programme is accredited by the Institute of Biomedical Sciences (IBMS) students graduating with Honours are entitled to claim Licentiate Membership of the Institute. Those students who have completed a successful sandwich placement in an accredited training laboratory, or who subsequently undertake a satisfactory period of specific training enabling them to complete a Registration Training Portfolio are eligible to apply to the Health Professions Council (HPC) for registration as a Biomedical Scientist

## Section 8 Reference points/benchmarks

The mission and vision of the University of the West of England is to

*'advance an inclusive, civilised and democratic society and its enrichment through education, consultancy and public service'*

The aims of the Faculty of Applied Sciences and the undergraduate programme in Biomedical Sciences are entirely consistent with this and are firmly set within this context.

- *Subject benchmarks (QAA Unit Biomedical Science) - The BSc (Hons) Applied Biomedical Science programme fully supports the Biomedical Science benchmark with an inter-disciplinary approach. There is a carefully graded level of choice in the programme. At level 1, all modules are compulsory supporting a foundation of biology of disease, biochemistry, microbiology, genetics and analytical skills. At level 2, there is an element of choice permitted where students can begin to concentrate on areas of interest to their future careers. Modules build on the level 1 foundations and include Immunology & Disease, Microbiology, Genetics, and Physiology. In the final year, there is a large element of module choice including the specialisms; Cellular Pathology, Clinical Biochemistry, Applied Immunology, Haematology & Transfusion and Medical Microbiology.*
- *University teaching and learning policies: The staff who support the programme come from the Schools of Biomedical, Human & Analytical Science and have specific expertise in their subject area. The modules are strongly underpinned by the research expertise of the programme team. The quality, management and enhancement (QME) of the provision is underpinned by staff development, including research. Staff development includes personal review via the appraisal and development scheme, in-house training and external fora. The Faculty is supportive of staff development; each member of staff may call upon funds to support attendance at conferences etc. New academic staff undertake a one-year Professional Development PGCert programme, which is accredited by the Higher Education Academy (HEA). The University strongly endorses membership of the HEA and supports staff at all levels of development to attain membership.*
- *staff research projects: The majority of staff involved with the programmes are research active and the Faculty strongly supports the research activities, particularly within the Centre for Research in Biomedicine (CRIB), and are submitting in RAE2008 in UoA12 – Allied Health Professions and Studies.*
- *employer interaction/feedback: Ongoing and close liaison with employers of Biomedical Scientists is extremely important and is achieved in following ways;*

### **Informal links**

*A culture of two-way communication exists and is encouraged between university academic staff and employers. UWE has representation on the local IBMS Branch Committee and several of the associated discussion groups. These and many other opportunities for sharing ideas and views exist and are actively used to the advantage of all parties.*

### **Formal links.**

#### **- Joint Training Officer's Committee;**

*The Joint Training Officer's Committee's role is to monitor and advise on the operation of the CPA/IBMS accredited training places in accordance with agreed standards and policies. In addition, this committee provides a forum for employers views on the undergraduate provision and discussion pertaining to possible future degree programmes.*

#### **- Biomedical Science Advisory Committee;**

*The Biomedical Sciences Advisory Group (BMSAG) acts as a source of expert opinion in the area of Biomedical Sciences employment. In particular the group offers comment on*

*the content and operation of all programmes in Biomedical Sciences at UWE as part of our remit to ensure that the education UWE offers is fully up to date, effective and is designed to prepare students for employment.*

This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of individual modules can be found in module specifications. These are available on the University Intranet.

Programme monitoring and review may lead to changes to approved programmes. There may be a time lag between approval of such changes/modifications and their incorporation into an authorised programme specification. Enquiries about any recent changes to the programme made since this specification was authorised should be made to the relevant Faculty Academic Registrar.