

PROGRAMME SPECIFICATION

Section 1: Basic Data

Awarding institution/body	University of the West of England
Teaching institution	University of the West of England
Delivery Location(s) International Variant	University of the West of England, Bristol Variant delivered via Bachelor of Science, Forensic Science programme, College of Humanities and Sciences. Virginia Commonwealth University, USA
Faculty responsible for programme	Health & Life Sciences
Modular Scheme title	Department of Applied Sciences
Professional Statutory or Regulatory Body Links (type and dates)	The Forensic Science Society Accredited 2006
Highest award title	BSc (Hons) Forensic Biology
Default award title	
Interim award titles	Cert. HE Forensic Biology
UWE progression route	Dip. HE Forensic Biology
Mode(s) of delivery	Full-time
Codes UCAS code F412	JACS code
ISIS code	HESA code
Relevant QAA subject benchmark statements	Biosciences
On-going/valid until* (*delete as appropriate/insert end date)	
Valid from (insert date if appropriate)	September 2010
Original Validation Date: 2005	
Latest Committee Approval: SLS Quality an Date: July 2010 Version Code: 6	d Standards Committee

Section 2: Educational aims of the programme

Traditionally, recruitment by forensic science providers has had to rely on either chemistry or biology graduates. However these graduates have not had a working knowledge of forensic science. The BSc (Hons) programme in Forensic Biology is part of a suite of programmes at UWE, which aim to provide a solid grounding in one or more of the sciences and impart sufficient forensic skills to give graduates a "flying start" in one of the forensic graduate professions. The Forensic Biology programme is designed to offer training in forensic science commensurate with all three accreditation standards of the Forensic Science in the UK. At the same time the programme will provide training in one of the traditional science subject areas.

Forensic Biology is particularly designed for students who wish to concentrate on the biological sciences and in particular on the forensically important areas of DNA-analysis and genetics, as well as molecular biology. Graduates will be fully competent to successfully compete for positions in these areas. In addition, through the study of human physiology, pathology and pharmacology, the programme lays the foundation for further studies, particularly in toxicology and biomedical sciences.

Forensic Biology, in common with the majority of the programmes in the Department of Applied Sciences, emphasises the importance of scientific inquiry. This is a connecting strand of all modules, and is supplemented by special instruction in research methodology at all levels.

A graduate in Forensic Biology will be able to:

- analyse, record and report forensic biology evidence to at least the accreditation standard set by the professional body
- process scenes of crime to at least the accreditation standard set by the professional body
- plan and conduct research, record and analyse data and disseminate information to the scientific community in the fields of forensic science and the biological sciences, particularly molecular biology and genetics.
- understand, interpret and critically evaluate research papers, instructions, memoranda and other publications by the relevant scientific communities.

Acquisition of these competencies requires knowledge and understanding of the subject areas in sufficient breadth and depth, as well as a high level of intellectual and transferable skills outlined in detail below. The University, Faculty and programme team create the conditions which enable the student to achieve these learning outcomes in a friendly and supportive atmosphere.

In addition to the above, the International Variant of this programme provides the opportunity for study abroad with general and specific benefits. The experience of a different educational as well as social culture and the contacts made with professionals in another country are of great potential value to students. The UK and the USA are two of the countries using the most advanced technology in Forensic Science, and the complementary specialist expertise of academics at Virginia Commonwealth University to those at UWE provide additional educational benefit to students on this programme.

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
A Knowledge and understanding of:	Teaching/learning methods and strategies:
 The scope and nature of scientific evidence, its value to society and the roles and responsibilities of forensic scientists The techniques used in crime scene 	Acquisition of 1- 4 is through the specific forensic science compulsory modules. Mini projects with a forensic theme at level 2 also contribute to the specific forensic science related learning
investigation (ForSciSoc component standard 1)3. The theory and application of the principal laboratory methods used	outcomes. Genetics and molecular biology related modules and the spine of research skills modules (see below) underpin the understanding of 3 in particular.
 routinely in forensic science (ForSciSoc component standard 2) and forensic biology in particular 4. Principles and procedures relating to the interpretation, evaluation, and 	Learning outcomes 5 - 7 are addressed through modules at all levels, which can roughly be divided into three
 presentation of evidence (ForSciSoc component standard 3) 5. The explanation of biological phenomena at a variety of levels 	complementary strands: physiology & pharmacology; DNA-analysis and genetics; molecular biology and genomics.
 (generic standard biosciences), ranging from biological molecules to whole organisms 6. Gene expression, with detailed knowledge of specific examples 	Acquisition of 8 is developed through a 'data analysis and research methodology' spine of modules from level 1 through to level 3 (giving a mixture of lectures, instruction, tutorials, practical work and
 (molecular biosciences standard) 7. Human physiology, pathology, disease and pharmacology 8. Methodology of scientific inquiry and research 	coursework in mathematical, statistical, IT, and information skills, integrated with lectures and tutorials on research methods, and leading to an individual
	project. In the international variant all the key knowledge should be acquired by study at the 2 universities, but study at VCU would give, in addition, exposure to US Forensic Science procedures.
	The teaching and learning methods employed are a combination of lectures, practical classes, tutorials, discussions, computer-based activities, workshops,

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coursework and student-centred learning. The practical component is strong, with a large proportion of the contact time on taught modules being spent in the laboratory. Some modules employ 'problem centred learning', such as mini-projects and individual case- based crime scene investigations. Guest lectures ensure topicality and conformity with professional practice. Teaching is widely informed by research, consultancy and scholarly activity.
Additional support is provided through extensive use of a Virtual Learning Environment to enable access to on-line learning and support, both at UWE, and off-campus. Other e-learning resources include, 'forensicnetbase', and the journals and abstracts on 'science-direct'. Throughout, the student 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.
To increase the effectiveness of their learning, students may approach academics directly for advice and assistance, but also have access to dedicated student advisers, who are available full-time to give general advice, assist with access to the facilities and help with personal difficulties and special needs.
Assessment: Knowledge and understanding is assessed using a variety of methods, including: formal examinations, tests and assignments, essays and different styles of reports, computer-based assessments, problem solving exercises and data analysis, presentations, case studies, research assessment.

B Intellectual Skills

B Intellectual Skills

A successful graduate will be able to:

- Select appropriate strategies, techniques and procedures for the examination of a scene of crime (ForSciSoc component standard 1)
- 2. Select appropriate strategies, techniques and procedures for the examination of forensic evidence (ForSciSoc component standard 2)
- 3. Interpret and evaluate evidence and report on it appropriately (ForSciSoc component standard 3)
- 4. Recognise and apply subject-specific theories, paradigms, concepts or principles (intellectual skills standard biosciences)
- 5. Critically analyse, synthesise and summarise information, including published research or reports, and use several lines of information to form and test hypotheses (intellectual skills standard biosciences)
- 6. Recognise the moral and ethical issues of investigations and appreciating the need for ethical standards and professional codes of conduct (intellectual skills standard biosciences, implied standard for all ForSci Soc components)

Teaching/learning methods and strategies

Intellectual skills are developed through the range of teaching and learning strategies outlined under section A above. They are developed in all modules, partly through examples of the 'academic approach' but mainly through student activities such as discussions, essay writing, case studies, problem solving sessions and practical/ project planning. Intellectual skills 1, 2 and 3 are initially taught and practised separately, but brought together in a mini-project like exercise as part of the level 3 compulsory forensic science module.

Assessment

Assessment of Intellectual Skills is through the full range of methods identified in section A. In particular, the wide range of different types of coursework, case studies, various forms of report/essays, problemsolving, and presentations, is important in assessing the student's ability to demonstrate generic intellectual skills. The Faculty has an agreed procedure for formative feedback, which is incorporated into the coursework submission sheet, and provides timely and helpful feedback outlining strengths and weaknesses in the student's intellectual approach to a set task. For assessment in skills 1-3 students will be required to recover evidence, select appropriate analytical techniques, write a report, and give oral and written presentations.

C Subject, Professional and Practical Skills

C Subject/Professional/Practical Skills -The ability to	Teaching/learning methods and strategies
1. Plan and safely execute scientific	Subject, professional and practical skills
investigations, including a programme	are developed through practical and
of independent research, which may	project activities, within the range of
involve primary or secondary data	teaching and learning strategies outlined
(practical skills standard biosciences;	under section A above. A large

implied standard for ForSciSoc components 1 and 2)

- Obtain, record, collate and critically analyse data using appropriate techniques in the field and/or laboratory, working independently or in a group, as is most appropriate for the subject under study (practical skills standard biosciences; standard for ForSciSoc components 1 and 2)
- 3. Handle, analyse, and report forensic samples with awareness of validity and contamination issues.
- 4. Communicate results and their interpretation clearly and unambiguously.
- 5. Synthesise a variety of appropriate skills to meet the requirements of forensic analysis.
- 6. Adhere to safe working practices (practical skills standard biosciences; standard for ForSciSoc components 1 and 2)
- 7. Comply with ethical, legal and quality assurance principles, such as animal protection legislation, the data protection act or the requirements of the chain of custody (practical skills standard biosciences; standard for ForSciSoc component 3)

proportion of contact time on taught modules is spent on practical work, emphasising the philosophy of 'learning by doing'.

Set practicals, particularly at levels 1 and 2, place emphasis on developing practical, data analysis and interpretation skills and train adherence to safe working practices without deep reflection on ethical, legal and health and safety issues. Project work requires more planning and reflection from the students and incorporates a detailed analysis of ethical and health-and-safety issues associated with the project. The compulsory investigative focussed forensic modules prepare students for their roles as initially guided and later independent researchers. At level 3, the project supervisor provides individual guidance and assistance as and when required. The project includes a progression report, project work, a report and a presentation.

Skill 4 is developed in a specific forensic science context through lectures, tutorials and coursework relating to the communication of science in a legal environment, and is underpinned by the development of communication as in section D below.

Skill 5 is developed through the spine of specifically forensic modules which use case studies throughout the course to develop the overview of understanding that is required in forensic science. Forensic practical and professional skills are developed through a mock-case, which trains all skills from scene examination to analysis of evidence and reporting.

All of these skills will be developed and enhanced by study for one year at VCU due to experiencing a second cultural and legal setting for the practice of Forensic Science.

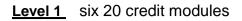
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Assessment
Assessment is through a range of
methods as in section A.
The practical skills, in particular, are assessed through practical work and resulting practical reports, leading to the independent project. Reflection on a Health-and-Safety assessment and an ethics form are prerequisite for the commencement of practical work on the level 3 project.
The subject skills relating to forensic science are primarily assessed in the specifically forensic modules using examinations, case studies, practical reports, contemporaneous notes, presentations, including a courtroom exercise, and a practical exam on processing a crime scene. See also skills 1 & 2 in B above.

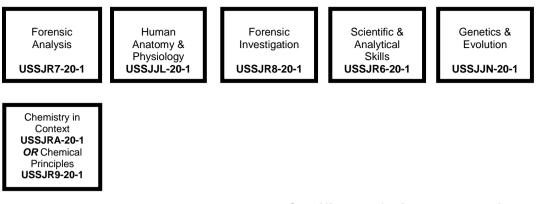
D Transferable Skills and other attributes

D Transferable skills and other attributes A successful graduate will be able to:	Teaching/learning methods and strategies
 Evaluate their own academic performance and plan work accordingly (interpersonal skills standard biosciences, part) Study independently in a variety of learning styles (self-management skills standard biosciences, part) Work effectively as a team member 	Support for Skill 1 is provided through the availability of an online Personal Development Record programme for all students, and the Graduate Development Programme. This also encourages an appreciation of the importance of the other skills.
 Work effectively as a team member (teamwork skills standard biosciences; implicit standard for all ForSciSoc components) 	Skill 2 is developed through the wide spread of theoretical and practical science on this programme, in which the
 Practise good time management, prioritise workloads and recognise deadlines (self-management skills standard biosciences) 	students are required to employ a diversity of study styles, and are exposed to a wide range of assessment procedures. Study at VCU further enhances skill 2 in particular.
5. Communicate effectively in a variety of media and contexts; in particular, express the interpretation of results in a manner comprehensible to the intended recipient such as lawyers or a jury and write comprehensive, comprehensible, rational and impartial reports (communication skills standard biosciences; standard for ForSciSoc component 3).	enhances skill 2 in particular. Skill 3 is developed through small group work in laboratory exercises and larger discussion groups in various modules. In particular, joint crime scene investigations and forensic casework encourage teamwork. The importance of the role of the forensic scientist as part of the investigative team is stressed throughout the curriculum.
 6. Use mathematical and statistical methods effectively in problem solving (numeracy skills standard biosciences) 7. Use a variety of IT skills for data processing, communicating and 	Skill 4 is not taught explicitly, but the variety of subjects, classes and assessments, encourages the development of these skills.
supporting scientific research (numeracy and IT skills standard biosciences).	Skill 5 is developed through a spread of assessment methods on this programme: essays, seminars, use of IT, practical reports, project proposal presentation and report, in addition to the specific communication of science in a forensic context in C above.
	Skills 6 and 7 are taught using lectures, training, tutorials, practical workshops, in specifically designed modules, and are practised in a variety of contexts across the full subject range of the programme.

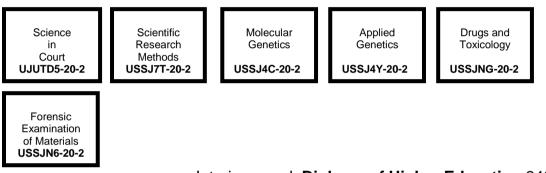
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	Assessment
	All of these skills contribute to the general performance across the programme and, as such, performance is evidenced by the overall grade of award. The wide range of different forms of assessment and coursework (as in B above) requires the students to demonstrate the full range of transferable skills.
	Skill 5 is assessed in a forensic science context by written reports and oral presentation. See also skills 2 & 3 in B above.
	Skills 6 and 7 are also specifically assessed through worked assignments and short tests.

Section 4: Programme structure: BSc (Hons) Forensic Biology- from 2010



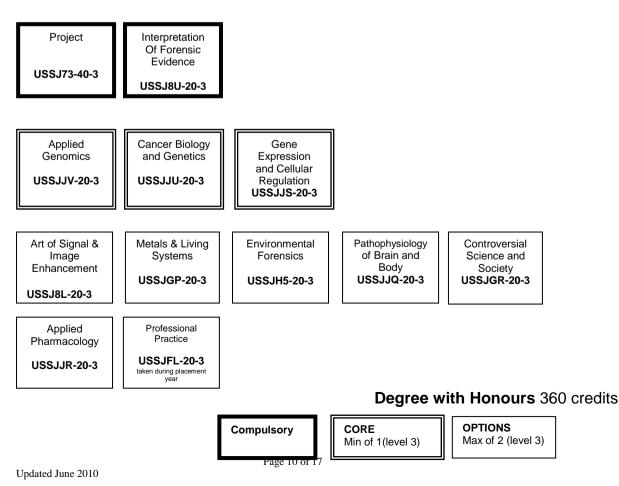


Interim award: **Certificate of Higher Education** 120 credits **Level 2**: six 20 credit modules

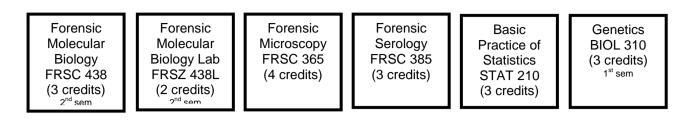


Interim award: Diploma of Higher Education 240 credits

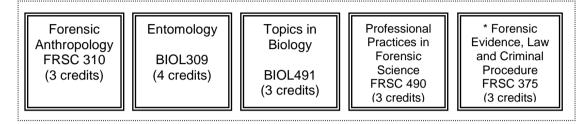
Level 3: one 40 credit and four 20 credit modules



Alternative Year 2 – study at Virginia Commonwealth University, USA



Plus at least TWO of



* If Forensic Evidence, Law and Criminal Procedure is not taken at VCU, Science in Court must be studied in the final year at UWE in place of a core module

Students will be given a document summarising the key differences between the legal systems and procedures in the USA and the UK, and teaching materials from the Science in Court module. The legal systems are substantially similar and the benefit of learning about the US system makes this a suitable equivalent module for study. Students will have teaching and practical experience of preparing documentation for a UK court and giving evidence in court in their 3rd year at UWE.

Important note:

Any variation to the above courses studied at VCU may only be undertaken with the prior written agreement of the Programme Leader and VCU Exchange Tutor at UWE after consultation with colleagues at VCU. A minimum of 24 VCU credits must be studied to be equivalent to 120 UWE credits.

Interim Awards:

Certificate of Higher Education: Forensic Biology

Credit requirements: 120 (of which 100 are level 1 or above)

Diploma of Higher Education: Forensic Biology

Credit requirements: 240 (of which not less than 100 are level 2 or above and 120 are at level 1 or above). Exchange students will have results converted into UWE credits.

Award/s:

Degree with Honours: Forensic Biology

Credit requirements:

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)

Degree: Forensic Biology

Credit requirements:

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)

Section 5: Entry requirements

Admissions into the Forensic Biology Programme are administered within the Undergraduate Programmes in FACS (Forensic, Analytical and Chemical Sciences). The standard UCAS entry for the programme at UWE is 240-300 points. Successful application to the Programme must also meet one of the following minimum requirements:

- GCE A2 level at grade E or above in two science subjects, including a Biological Science, and grade C or above in three GCSE subjects. (Two GCE AS level passes are considered to be equivalent to one A2 level). GCSE subjects should include Mathematics, English language and at least Double Science.
- National Certificate or Diploma in an appropriate subject matter such as biology.
- Higher National Certificate or Diploma in Applied Biology or related area.
 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 that the GCE A level and GCSE subject areas specified above have been studied at an appropriate level:

- The Advanced General National Vocational Qualification (AGNVQ) or Advanced General Scottish Vocational Qualification (AGSVQ), a twelve unit or full AGNVQ award being equivalent to two GCE A levels, a six unit or single AGNVQ being equivalent to one A level and a three unit or part AGNVQ award being equivalent to one GCE AS Level.
- The Irish Leaving Certificate at Higher level grades BBBC.
- The Scottish Leaving Certificate of Education at Higher level grades BBBC.
- National Vocational Qualifications or Scottish Vocational Qualifications at level III.
- The European Baccalaureate 68%.
- The International Baccalaureate 26pts.
- Other European or International qualifications that the University considers to be equivalent to the above.

Section 6: Assessment Regulations

Academic Regulations and Procedures 2010/11 (Academic Registry)

Section 7: Student learning: distinctive features and support

The Forensic Biology programme offers a distinctive combination of training in forensic science with the main areas of the biological sciences of interest to practising forensic scientists. The forensic science component encompasses the training in forensic techniques, an appreciation of the legal system and the role of expert witnesses in court. The biology component encompasses training in the biomedical-science related subjects of physiology, pathology and the action of drugs on the one hand, and the molecular biosciences and genetics on the other. By emphasising problem solving skills, such as experimental design, the programme encourages independent thinking, and the large practical component on state-of-the-art equipment gives a solid grounding in the relevant experimental techniques. This prepares the student well for a career as a working experimental scientist.

In order to give students the opportunity to study the main areas of forensic biology and to do so in the appropriate depth, most of the modules in the programme are compulsory. Students may choose modules at level 3 to reflect their interest.

The programme is fully integrated with the programmes from 'Forensic, Analytical

and Chemical Sciences' on the one hand and those from 'Biosciences' on the other, and so it benefits from the support, resources, experience and excellent facilities provided by the Faculty for these subject areas. The Faculty has undergone a complete refurbishment since 2004 and has state of the art teaching facilities and well-equipped general and specialist laboratories to match its commitment to excellence in teaching.

Forensic science at UWE is well established and has benefited from recent and ongoing large investment: facilities include a fully equipped Scenes-of-Crime house and vehicle examination facility. Specific forensic instrumentation includes a Video Spectral Comparator, Microspectrophotometer, electrostatic document analysers (ESDA), Infra-Red microscope and golden gate attachment, comparison microscopes, glass refractive index and breath alcohol instrumentation. Forensic DNA analysis facilities include a filtered cabinet for sample preparation, a real-time DNA amplification instrument, capillary electrophoresis for DNA analysis and ancillary equipment.

The biological sciences teaching laboratories are well equipped with a wide range of modern equipment, including specialist instrumentation for molecular biology, cell culture suites to support immunology, virology and microbiology, and an extensive range of machines which measure human performance physiology. There are extensive facilities for microscopy, including an electron microscope suite with an environmental SEM, and for protein engineering using fermentation technology. The world-class 'Centre for Research in Biomedicine' has excellent facilities which are also used for training project students, including state-of-the-art £1 million genome facilities in the Bristol Genomic Research Institute.

The students will make extensive use of a Blackboard based Virtual Learning Environment (VLE), both as a source of information and lecture notes, and for online tutorials and self-assessment. The WWW is also widely used for access to services, such as library catalogues and facilities and web-based learning resources such as 'science-direct'. Email is used as an important means of communication between students and staff and within the student community.

The programme is administered within the FACS (Forensic, Analytical and Chemical Sciences) group of programmes which establishes common and mutual support for students across a range of overlapping programmes.

A Student Handbook is provided during Induction to year 1 that includes information on the Faculty and the University, its regulations and procedures, and is supplemented at a programme level by a FACS Handbook and Guides for each module. Students are supported during their time at UWE by student advisers, with the backup of central student support services for students with needs that cannot be dealt with directly within the Faculty.

The Graduate Development Programme, centred around groups of approximately 15 students with a tutor, provides support and encourages reflection on learning and skills development leading to consideration of careers and employability.

Part-time attendance of the programme is possible, and part-time students will be advised by a part-time study tutor to optimise their timetable and assist with any specific problems.

The International Variant in which year 2 of the programme is studied at Virginia

Commonwealth University, USA, is an exciting distinctive development. The programmes in Forensic Science at VCU and UWE are well matched and students will gain all the key knowledge and practical skills in Forensic Science that they would have gained by completing year 2 at UWE. In addition, students will have the opportunity to study aspects of Forensic Science (such as Forensic Anthropology and Entomology) in which academics at VCU have particular expertise. The benefits of studying in another educational and social environment are potentially very great. Students will be selected for this scheme during the first year of study at UWE, following application and interview.

Section 8: Reference points/benchmarks

• Qualification descriptors used in the QAA Framework for Higher Education Qualifications

The learning outcomes for the programme have been developed with reference to the level descriptors used in the QAA Framework for Higher Education Qualifications. In particular, the learning outcomes for modules at level one and level two have been considered to be consistent with the award of a Certificate in Higher Education and a Diploma in Higher Education respectively. Graduates of the award achieving an Honours classification will develop an understanding of a complex body of knowledge related to the relevant subject areas. In addition, the graduate will develop analytical techniques, problem-solving skills and communication skills that can be applied to a range of employment opportunities.

• Subject benchmark statements

As indicated with the learning outcomes, the design of the programme has taken into consideration the QAA subject benchmarks for the Biosciences and benchmarks derived from the accreditation standards of the Forensic Science Society. As the list of learning outcomes listed in this summary document is naturally restricted, the programme will cover other not specifically mentioned benchmarks as well.

• Requirements of Professional Bodies

The Forensic Science Society is the professional body which operates an accreditation scheme for university courses in forensic science, and this course has been accredited (UWE being one of the first four universities to have been recognised in this way) in all three component standards – (1) Crime Scene Investigation, (2) Laboratory Analysis and (3) Interpretation, Evaluation, and Presentation of Evidence. Students may join The Forensic Science Society as student members.

University's Mission Statement

Students with a science background will have an educational opportunity to establish a career foundation in forensic science, together with the development of an analytical approach to science that will greatly enhance their career and further study opportunities. The programme builds on subjects in UWE which have a high reputation for teaching excellence, and makes extensive use of advanced learning strategies which build on the successes of consultancy and research.

• University's teaching and learning policies

In line with the University's teaching and learning policies, 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 will stimulate students to take responsibility for aspects of their learning, while lecturers take responsibility for facilitating that learning. Module learning outcomes have been designed to ensure that students meet the overall programme learning outcomes on completion of the programme. In addition, staff in the FACS (Forensic, Chemical and Analytical Science) group in the Faculty have been active in developing and strengthening key skills.

A variety of assessment methods is incorporated within the programme to cater for a diversity of student strengths and abilities. Although this document focuses on summative assessment, the course team recognise the importance of both summative and formative assessment activity as an integral part of the learning and teaching process. All assessments will comply with the University Assessment Policy and Academic Regulations.

• Research carried out by staff

Research and consultancy is undertaken in the following areas of particular relevance to forensic science:

- forensic entomology
- statistical methods and databases for the estimation of evidential value
- design of crime scene related equipment
- genealogy using DNA profiling
- improvements of MSMS methods used in the detection of illicit drugs
- elemental composition of soil
- forensic image analysis
- chemical sensors for drugs and arson accelerants

Some projects are carried out with regional forensic science companies or police forces.

Research specifically in forensic science topics is also supported by a wide range of other research interests across numerous biological and chemical fields.

Using the world-class research facilities of the Bristol Genomics Research Institute, and the Centre for Research in Biomedicine, the bioscience research is excellent and of international standard. Current research projects include

- Genomics research into molecular diagnostic methods for non-invasive prenatal diagnosis
- Neuroscience: the function of the blood-brain barrier
- In vitro toxicology
- Cancer and ageing
- Red cell membrane molecular biology and red cell antigen expression
- Magnetic detection systems for biological interactions.

• Employer feedback/interaction

The faculty has excellent links with the forensic science practitioners in the area. The Avon and Somerset Constabulary are very supportive of the forensic science teaching at UWE, and collaborates for research projects. The Chief Constable launched the BSc (Hons) Forensic Science in 2001 and commented on the value such a degree would have for recruits to his force. Local Home Office Forensic Pathologists have also been involved with the faculty for many years - one is involved in teaching the level 3 compulsory forensic science module.

A local independent laboratory has strong links with the Forensic Science team at UWE – staff assist with statistical evaluations required for court presentations and some students undertake their independent research project with this company.

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 Administrator.