Programma Spacification 2015/16								
	Programme Specification – 2015/16							
	arding Body	University of Surrey						
	ching Institution (if different)							
	al Award	BSc (Hons)						
	gramme title/route/pathway	Biological Sciences						
5. Sub	sidiary award(s) and title(s)	BSc (Ord) Biosciences, Dip HE Biosciences, Cert HE Biosciences						
	Q Level	FHEQ Levels 4, 5 & 6						
	dits and ECTS credits	360 UK credits, 180 ECTS credits						
	ne of Professional, Statutory or ulatory Body (PSRB)	N/A						
	e of last accreditation (if licable)	N/A						
	le of study	Full-time						
11. Lan	guage of study	English						
12. UCA	AS Code	C701						
	A Subject Benchmark Statement pplicable)	QAA Biosciences Benchmark Statement for Biosciences						
	er internal and / or external rence points	N/A						
	ulty / Department	Faculty of Health and Medical Sciences, Department of Biosciences and Physiology						
	gramme Leader	Dr Kate Plant						
spe	e of Production / Revision of the cification	November 2014						
18. Edu	cational aims of the Programme							
 diver To fudeep spec To probiological 	se interests and career aspirations (ir inther the students' knowledge of the f per knowledge in specific aspects of b ialism. rovide the appropriate environment to	various aspects of Biological Sciences for students with ncluding researcher, scientific writer/editor, teacher). fundamental principles of biology and to develop a iological sciences, leading in some cases to a encourage the development of the students interest in ire appropriate intellectual, scientific, technical and key and life-long learning.						
oppo qual	ortunities for students to develop and ities and other attributes in the followi							
Knowled	ge and Understanding	Teaching and learning strategies						
base varie	nderstanding of laboratory and field- ed investigation and its application to a ety of aspects of Biological Sciences od breadth of knowledge in the field o	dissertation supervision.						
biolo	ogical sciences in general and a good	Assessment						

organism level

depth of knowledge in more specialised fields, particularly at the molecular and Knowledge and understanding is assessed via examination, coursework and the dissertation. 3. Familiarity with the terminology, Multiple Choice Questions (MCQs) and short nomenclature and classification systems answer tests assess knowledge while practical

used in Biological Sciences	reports, coursework essays, poster and oral
4. Engagement with the essential facts, major	presentations and examinations assess
concepts, principles and theories associated	understanding
with the chosen discipline	
5. An appreciation of the complexity and	
diversity of life processes through the study of	
organisms, their molecular, cellular and	
physiological processes, their genetics and	
evolution, and the interrelationships between	
them and their environment	
6. Some understanding of ethical issues and the	
impact on society of advances in the	
biosciences	
(QAA Benchmark statements 3.2 & 3.3)	
Additionally for students ongogod on one of the	
Additionally for students engaged on one of the specialisms:	
7. An in depth and cutting edge understanding	
of the chosen specialism: Cancer and	
Molecular Sciences, Infection and Immunity,	
Neuroscience, Pharmacology & Toxicology	
(Drug Science), or Systems Biology	
Skills and other attributes - Intellectual / cognitive	Teaching and learning strategies
skills	Teaching and rearning strategies
1. Evaluate research findings and scientific	Cognitive skills are developed through the media
literature and demonstrate the ability to find	of lectures, practical classes, demonstrations,
and evaluate appropriate sources of material	tutorials, seminars and dissertation supervision.
and to critically assess it (3.3).	
2. Demonstrate an understanding of research	Assessment
design and planning and the limits of	
scientific findings (3.5)	Assessment is via coursework, practical reports,
3. Recognise that statements should be tested	class tests and examinations. These allow
and that evidence is subject to assessment	students to demonstrate their ability to recognise
and critical evaluation4. Think independently, set tasks and solve	the relative importance of information, analyse and discuss in depth issues relevant to Biology.
problems (3.3, 3.5)	The dissertation allows the student to
5. recognise the moral and ethical issues of	demonstrate their ability to plan, execute, analyse
investigations and appreciate the need for	and report upon a specific area of Biological
ethical standards and professional codes of	science.
conduct (3.5)	
Skille and other attributes. Drefereieret are died	Topphing and loarning strategies
Skills and other attributes - Professional practical	Teaching and learning strategies
<u>skills</u>	
1. Demonstrate competence in basic laboratory	Promoted through research practicals, class
and field skills relevant to Biological Sciences	activities and the Level 3 dissertation. The PTY
(3.4, 3.6)	allows students to practice and apply these skills
2. Develop advanced practical skills relevant to	in a real work setting
a particular specialism in the biological	Ŭ
sciences (3.4, 3.6)	Assessment
3. Interpret qualitative and quantitative data	
(3.5, 3.7)	Assessment is via practical reports and tests and

 Take responsibility for planning and organisation of work both their own and in a team (3.10) Undertake field and/or laboratory investigations of living systems in a responsible, safe and ethical manner Skills and other attributes - Key / transferable 	the Level 6 dissertation. The PTY is assessed through a written report and reports from placement supervisors and placement visitors.		
skills	rodoning and loanning offatogioo		
 Learn independently (3.10) Communicate about their subject appropriately to a variety of audiences using a range of formats and approaches, using appropriate scientific language (3.8) Work effectively and independently on a given project or task (3.10) Work effectively in small groups and teams towards a common goal/outcome (3.9) Apply basic statistical and numerical skills to biological data, to interpret and present data using appropriate software (3.7) Use the internet and other electronic sources critically as a means of communication and a source of information (3.8) 	Proficiency in key skills is achieved through lectures, seminars, demonstrations, and hands-on experience. Varied key skills are taught, practised and assessed in most modules, but are particularly emphasised in modules BMS1023 (numeracy & IT skills), BMS1029 and BMS1040 (communication, IT and group working), BMS2061 & 2062 (group working, problem solving, communication). The use of many key skills are re-emphasised and strengthened during the final year project. Key skills are also reinforced via the tutorial system. <u>Assessment</u> Through coursework (including assessed oral and written presentations), completion of practical assignments based on the key IT and numerical skills. Group working is assessed both academically and by peer review.		
Programme learning outcomes – BSc (Ord) Bio for students to develop and demonstrate knowledg attributes in the following areas:			
Knowledge and understanding	Teaching and learning strategies		
 An understanding of the key principles of good laboratory, clinical and field-based investigation and their application to a variety of aspects of Biosciences 	Core knowledge outcomes are acquired through lectures, practicals, seminars, tutorials and dissertation supervision.		
2. A good breadth knowledge at the molecular, cellular and organism levels with some	Assessment		
 degree of specialist knowledge apparent Appropriate use of key terminology, nomenclature and classification systems used in specific fields within the Biosciences 	Knowledge and understanding is assessed via examination, coursework and the dissertation. Multiple Choice Questions (MCQs) and short answer tests assess knowledge while practical		
4. Engagement with many of the essential facts, major concepts, principles and theories associated with a chosen discipline within the Biosciences	reports, coursework essays, poster and oral presentations and examinations assess understanding		
5. An appreciation of the complexity and diversity of life processes through the study of			
organisms 6. A basic appreciation of some ethical issues and the impact on society of advances in the			

Biosciences	
(QAA Benchmark statements 3.2 & 3.3)	
Skills and other attributes - Intellectual / cognitive	Teaching and learning strategies
 <u>skills</u> Synthesise information gathered different sources to address specific scientific questions (3.3). Demonstrate an understanding of the principles of research design and planning (3.5) Recognise the on-going nature of scientific research in defining our modern understanding of biological systems Identify and solve problems using previously developed strategies (3.3, 3.5) Demonstrate an understanding of ethical issues and the impact of advances in the biosciences encompassing an appreciation of the responsibilities of Bioscientists to wider 	Cognitive skills are developed through the media of lectures, practical classes, demonstrations, tutorials, seminars and dissertation supervision. <u>Assessment</u> Assessment is via coursework, practical reports, class tests and examinations. These allow students to demonstrate their ability to recognise the relative importance of information, analyse and discuss in depth issues relevant to the Biosciences. The dissertation allows the student to demonstrate their ability to plan, execute, analyse and report upon a specific area of the Biosciences.
society (3.5)	
Skills and other attributes - Professional practical	Teaching and learning strategies
<u>skills</u>	Dreatical skills are proported through prostical
 With minimal instruction demonstrate competence in basic laboratory, clinical and/or field skills relevant to Biosciences (3.4, 2.0) 	Practical skills are promoted through practical class activities and the Level 3 dissertation. The PTY allows also students to practice and apply these skills in a real work setting
3.6)2. With minimal instruction demonstratecompotence in some of the key practical skills.	<u>Assessment</u>
competence in some of the key practical skills relevant to a particular specialism within	Assessment is via practical reports and tests and
Biosciences (3.4, 3.6) 3. Accurately report and analyse biological data	the Level 3 dissertation. The PTY is assessed through a written report and reports from
 to draw conclusions (3.5, 3.7) 4. Follow detailed investigative protocols as instructed, and plan the work set out individually or within a team as appropriate 	placement supervisors and placement visitors.
(3.10)5. Undertake laboratory, clinical and/or fieldwork as instructed, in a safe and ethical manner	
Skills and other attributes - Key / transferable	Teaching and learning strategies
 <u>skills</u> 1. Employ learning and time-management strategies to organise learning effectively (3.10) 	Proficiency in key skills is achieved through lectures, seminars, demonstrations, and hands-on experience. Varied key skills are taught, practised and assessed in most modules. Key skills are
 Communicate biological concepts in a range of formats using appropriate scientific language (3.8) With minimal guidance work effectively on a 	also reinforced via the tutorial system. <u>Assessment</u>

 given project or task (3.10) 4. With minimal guidance work effectively in small groups and teams towards a common goal (3.9) 5. Select and apply the numerical and statistical approaches required to analyse particular biological data (3.7) 6. Use academic literature, the internet and other electronic sources critically as a source of information (3.8) Programme learning outcomes – Dip HE Biosci students to develop and demonstrate knowledge and source of a source	
attributes in the following areas:	- · · ·
Knowledge and understanding	Teaching and learning strategies
 Ability to recognise and outline the key principles of laboratory, clinical and/or field- based investigation within the Biosciences Broad basic knowledge at the molecular, cellular and organism levels with some degree of specialist knowledge developing Recollection of much of the key terminology, nomenclature and classification systems used in specific fields within the Biosciences Recollection of many of the essential facts, major concepts, principles and theories associated with a chosen discipline within the Biosciences A knowledge of many life processes and a basic appreciation their complexity and diversity (QAA Benchmark statements 3.2 & 3.3) 	Core knowledge outcomes are acquired through lectures, practicals and tutorials <u>Assessment</u> Knowledge acquisition is primarily assessed via Multiple Choice Question (MCQ) and short answer tests while practical reports, essays and group presentations are also employed to assess understanding
Skills and other attributes - Intellectual / cognitive	Teaching and learning strategies
 <u>skills</u> Apply information gathered from suitable sources to address specific scientific questions (3.3). Recognise the importance of following research procedures accurately and the consequences of failing to do so (3.5) Recognise the place of research in defining new paradigms Employ previously developed strategies to guide problem solving (3.3, 3.5) Demonstrate an appreciation of the wider ethical issues of research and the impact of advances in the Biosciences on wider society and the environment (3.5) 	Cognitive skills are developed through the media of lectures, practical classes, demonstrations and tutorials <u>Assessment</u> Assessment is via coursework, practical reports, class tests and examinations. These allow students to demonstrate their ability to recognise the relative importance of information, analyse and discuss in depth issues relevant to the Biosciences.

Skills and other attributes - Professional practical	Teaching and learning strategies
skills	reaching and learning strategies
 With appropriate instruction, demonstrate competence in basic laboratory, clinical and/or field skills relevant to Biosciences (3.4, 3.6) 	Practical skills are promoted through practical class activities.
2. With appropriate instruction, demonstrate an ability to perform some key practical skills relevant to a particular specialism within Biosciences (3.4, 3.6)	Assessment is via practical reports and tests, which may address specific aspects of the practical.
 Accurately report and analyse biological data to draw basic conclusions (3.5, 3.7) 	
4. Follow investigative protocols as instructed and perform the work set out efficiently either individually or within a team (3.10)	
5. Undertake laboratory, clinical and/or fieldwork as instructed, in a safe and ethical manner	
Skills and other attributes - Key / transferable	Teaching and learning strategies
 <u>skills</u> Identify own strategies for effective learning and develop time-management skills (3.10) Communicate basic biological principles using appropriate scientific language (3.8) With some guidance work effectively on an individual task (3.10) With some guidance work effectively in small groups to achieve a common goal (3.9) Apply basic statistical and numerical skills, 	Proficiency in key skills is achieved through lectures, seminars, demonstrations, and hands-on experience. Varied key skills are taught, practised and assessed in most modules. Key skills are also reinforced via the tutorial system. <u>Assessment</u> Through coursework (including assessed oral and written presentations), completion of practical
	assignments based on the key IT and numerical skills. Group working is assessed both academically and by peer review.
students to develop and demonstrate knowledge a attributes in the following areas:	nd understanding, skills, qualities and other
Knowledge and understanding	Teaching and learning strategies
 Ability to recognise the purpose of laboratory, clinical and/or field-based investigations within the Biosciences 	Core knowledge outcomes are acquired through lectures, practicals and tutorials
2. Basic factual biological knowledge at the	<u>Assessment</u>
 molecular, cellular and organism levels 3. Recognition of some of the key terminology, nomenclature and classification systems used in Biosciences 	Knowledge acquisition is primarily assessed via Multiple Choice Question (MCQ) and short answer tests while practical reports, essays and group presentations are also employed to assess
 Recognition of some of the essential facts, major concepts, principles and theories associated with a chosen discipline within the Biosciences 	group presentations are also employed to assess understanding

5. A knowledge of many life processes	
(QAA Benchmark statements 3.2 & 3.3)	
Skills and other attributes - Intellectual / cognitive	Teaching and learning strategies
 Skills and other attributes - Intellectual / cognitive skills Identify suitable sources of scientific information (3.3). Recognise the importance of following research procedures accurately (3.5) Utilise previously defined scientific procedures to illustrate biological principles Follow well defined schemes to solve problems (3.3, 3.5) Demonstrate a basic appreciation of some of the ethical issues surrounding the Biosciences including the need to carry out biological procedures in a safe and ethical manner (3.5) 	Teaching and learning strategiesCognitive skills are developed through the media of lectures, practical classes, demonstrations and tutorialsAssessmentAssessment is via coursework, practical reports, class tests and examinations. These allow students to demonstrate their ability to recognise the relative importance of information, analyse and discuss in depth issues relevant to the Biosciences.
Skills and other attributes - Professional practical	Teaching and learning strategies
 <u>skills</u> With detailed instruction, demonstrate some ability to perform basic laboratory, clinical and/or field skills in Biosciences (3.4, 3.6) Clearly and concisely report biological procedures and data and draw some basic conclusions (3.5, 3.7) Follow basic laboratory protocols as instructed (3.10) Undertake laboratory, clinical and/or fieldwork as instructed, in a safe and ethical manner 	Practical skills are promoted through practical class activities. <u>Assessment</u> Assessment is via practical reports and tests, which may address specific aspects of the practical.
Skills and other attributes - Key / transferable	Teaching and learning strategies
 <u>skills</u> With support, take responsibility for own time- management and academic efforts (3.10) Communicate basic scientific information (3.8) With guidance work on specific tasks (3.10) With guidance work in small groups on a specific task (3.9) 	Proficiency in key skills is achieved through lectures, seminars, demonstrations, and hands-on experience. Varied key skills are taught, practised and assessed in most modules. Key skills are also reinforced via the tutorial system. <u>Assessment</u>
 Apply basic statistical and numerical skills, under direction, to analyse simple biological data (3.7) Use the internet and other electronic resources to identify appropriate sources of scientific information (3.8) 	Through coursework (including assessed oral and written presentations), completion of practical assignments based on the key IT and numerical skills. Group working is assessed both academically and by peer review.
20. Programme structure – including the route / p credits, awards and further information on the p	

All students are initially registered for Biological Sciences BSc (Hons).

The Biological Sciences degree is studied over 3 academic years (or 4 with Professional Training Year) and is full time.

The Programme is divided into 8 modules per year. All taught modules are worth 15 credits, which is indicative of 150 hours of learning, comprised of student contact, private study and assessment. In order to achieve an honours degree in Biological Sciences students must complete 120 credits at each FHEQ Level 4, 5 and 6.

In the first and second years (FHEQ levels 4 and 5) students cover compulsory modules that address the core requirements for Biological Sciences as addressed in the Biosciences benchmark paper. Additional modules, giving a total of 8 per year, are optional but may be requirements for particular specialisations (see individual entries).

In order for students to progress to FHEQ level 5 they are required to achieve a minimum of 40% and 120 credits at FHEQ level 4. The pass mark for each module is 40%; compensation credits can be awarded in up to TWO modules, provided the module mark is >30% and the level average is >45%. Compensation can only be applied once all attempts have been undertaken. If students fail to complete level 4 no subsidiary award is available.

In order for students to progress to FHEQ level 6 (or to the Professional Training Year) they are required to achieve a minimum of 40% and 120 credits at FHEQ level 5. The pass mark for each module is 40%; compensation credits can be awarded in ONE module, provided the module mark is >30% and the level average is >45%. Compensation can only be applied once all attempts have been undertaken. If students fail to complete level 5 a Certificate of Higher Education in Biosciences may be awarded based on the best 8 modules from levels 4 and 5.

The final year (FHEQ level 6) comprises 6 optional modules (for specialisations up to three of these may be compulsory) and a compulsory project module. All modules bear equal credit with the exception of the final year project which provides 30 credits upon successful completion. The Project module takes place across the entire of the final year.

The pass mark for FHEQ level 6 is 40%. The pass mark for each module is 40%; compensation credits can be awarded in ONE 15 credit module, provided the module mark is >30% and the level average is >45%. This can be applied without a resit attempt, if only one module has been failed.

For the award of BSc (Hons) in Biological Sciences students must obtain a total of 360 credits (or 480, including 120 P credits if a year of 'Professional Training' is included). 120 Credits must be at FHEQ6. The final degree mark is based on the FHEQ6 mark contributing 65% and the FHEQ5 mark, 35%.

If students do not achieve the requisite number of credits they may be awarded an BSc Ordinary Degree in Biosciences (300 credits, 60 at level 6), a Diploma of Higher Education in Biosciences (240 credits) or a Certification of Higher Education (120 credits). Having received this award, these credits may not contribute to any other award.

Programme adjustments (if applicable)

N/A

Programme pathways and variants

Five specialisms are available within the Biological Sciences programme:

Biological Sciences (Infection and Immunity)

- Biological Sciences (Cancer and Molecular Sciences) ^C
- Biological Sciences (Neuroscience)^N
- Biological Sciences (Drug Science) D
- Biological Sciences (Systems Biology) ^s

Students are made aware of these specialisms at the beginning of their degree. They are given advice on how module selection affects their ability to specialise at the end of level 4, prior to making module selections for level 5. Students may opt to specialise at the end of level 4 or, provided they have taken the relevant modules, at the end of level 5 or level P.

Modules which are only compulsory for specific specialisms are indicated with superscript letters as shown in the list above.

FHEQ Leve	I 4: Potential awards –	Certific	cate HE: 12	0 credits	at Level 4 o	r above	
Module code	Module title	Core /compulsory /optional		Credit volume	Semester (1 / 2)	Award requirements	
BMS1023	Chemistry and Maths for the Biosciences	Compulsory		15	1	Certificate Higher	
BMS1025	Cell Biology	Compulsory		15	1	Education requires	
BMS1026	Microbiology: An Introduction to the Microbial World	Compulsory		15	1	120 Credits at FHEQ Level 4	
BMS1031	Introduction to Molecular Biology & Genetics	Compu	ulsory	15	2	A weighted aggregate mark of 40% is required to pass each	
BMS1032	Introduction to Principles of Physiology & Practical Skills	Compu	ulsory	15	2	separate module. Progression 120 Credits required	
BMS1040	Evolutionary Origins of Biodiversity	Compu	ulsory	15	2	from FHEQ Level 4	
BMS1041	Biochemistry: A Conceptual Overview	Compulsory		15	2		
BMS1027	Food Science and Nutrition	Optional		15	1		
BMS1029	Current Topics in Biosciences	Option	al	15	1		
student cho	optional modules must a ose in order to achieve t mount of credits to achie	he	1 from the	2 listed op	otional modu	iles	
FHEQ Leve	I 5: Potential awards –	Diplon	na HE: 240 (least 120 a	t Level 5	
Module code	Module title	Core /con /opti	npulsory	Credit volum e	Semeste r (1 / 2)	Award requirements	
BMS2036	Methods in Molecular Biology & Genetics	Compulsory		15	1	Diploma Higher Education requires	
BMS2038	Integration of Physiological Systems	Compulsory		15	1	240 Credits (120 at FHEQ Level 5 or	
BMS2061	Plant Biology and the Environment	Compulsory		15	2	above)	
BMS2062	Animal Biology	Compulsory		15	2	A weighted aggregate	
BMS2035	Biochemistry -	Opti	onal	15	1	mark of 40% is	

	Enzymes and Metabolism						required to pass each separate module	
BMS2037	Cellular Microbiology and Virology		Optional ^(I)		15	1	Progression	
BMS2039	Human Nutrition		Optional		15	1	120 Credits required	
BMS2041	Food Microbiology: The Micro Flora of Food		Optional		15	1	from FHEQ Level 5 to progress to FHEQ level	
BMS2048	Neuroscience, Fron Neuron to Behaviou		Optional ^(N)		15	1	6 or to the PTY (Level P)	
BMS2043	Analytical Biochemi & Chemistry	-	Opti	ional	15	2		
BMS2044	Microbial Communitiand Interactions	ties	Opti	ional	15	2		
BMS2045	Introduction to Immunology		Opti	ional ^(I)	15	2	-	
BMS2046	Pathology and Medicine		Opti	ional	15	2	-	
BMS2047	Pharmacology: Introduction to Drug Action		Optional ^(D, N)		15	2		
BMS2054	Animal Nutrition, Toxicology & Pharmacology optional modules mus		Optional		15	2		
this level? FHEQ Leve	amount of credits to a	ls – D	iplon			Somestor	Award requirements	
Module code	Module title	/opti		npulsory	Credit volume	Semester (1/2)	Award requirements	
BMSP004	Personal and Professional Development	Core			45 P	()	A weighted aggregate mark of 40% is required to pass each separate	
BMSP005	Evaluation of Placement	Core	9		60 P		module. Progression	
BMSP006	Learning Transfer of Placement Learning	Com	pulsc	ory	15 P		120 P Credits required to progress to Level 6.	
student cho	optional modules mustors in order to achieve amount of credits to a	ve the	;	No optiona	l modules.			
	el 6: Potential award	s – B	Sc (C	Ord), BSc (Hons)			
Module code	Module title		Core /compulsory		Credit volum	Semeste r (1 / 2)	Award requirements	
DMC2040	Research Project			ional	e 30	1 & 2	PSa (Hone) requires	
BMS3048 BMS3052	Biochemistry:		Compulsory Optional		15	1	BSc (Hons) requires 480 Credits (including 120P Credits) or 360 Credits, at least 120 of	
BMS3053	Advanced Topics in Molecular Biology & Genetics		Optional ^(C)		15	1	which must be from FHEQ Level 6 modules and 30 of which must	

BMS3054	Clinical Immunology & Immunohaematology	Opt	onal ^(I)	15	1	arise from t project.	he final year
BMS3055	Advanced Pharmacology: Selected Topics in Drug Action	Opti	onal ^(N, D)	15	1	BSc (Ordin requires 30 least 60 of v	0 credits, at
BMS3060	Biomedical Microbial Products	Opti	onal	15	1	be from FHEQ Level 6 modules with the exclusion of the modules pertaining to the final year project.	
BMS3079	Human Microbial Diseases	Opti	onal ^(I)	15	1		
BMS3058	International & Public Health Nutrition	Opti	onal	15	2		
BMS3062	Veterinary Immunology and Pathology	Opti	onal	15	2	A weighted mark of 40%	% is
BMS3063	Cancer: Pathogenesis and Therapeutics	Opti	onal ^(C)	15	2	required to separate me	
BMS3064	Neuroscience: From Molecules to Mind	Opti	onal ^(N)	15	2	-	
BMS3065	Mechanistic & Regulatory Toxicology		onal ^(D)	15	2		
BMS3066	Biological Rhythms	Opti	onal	15	2		
BMS3071	Food Quality Assurance & Security	Opti	onal	15	2		
BMS3072	Systems Biology: Genomes in Action	Opti	onal ^(S)	15	2		
BMS3073	Epidemiology of Infectious Diseases	Opti	onal ^(I)	15	2		
BMS3074	Animal Infectious Disease & Veterinary Public Health	Opti	onal	15	2		
BMS30**	Mathematical Biology	Opti	onal ^(S)	15	1		
BMS30**	Man and the Environment		onal	15	1	-	
BMS30**	Advanced Topics in Animal Biology	Opti	onal	15	2		
	optional modules must a pose in order to achieve the	د	6 from the 1	9 listed	optional mod	dules.	
	amount of credits to achiev						
this level?		-					
	tunities for placements / te if any of the following a			-		activity – ple	ease
	ed by an external source for					an	No
assessmen	•			Willow O			110
	ernal / associate lecturer (p	lease	detail the ex	tent of th	neir contribut	ion, i.e. do	Yes
they mark?)							
Professional Training Year (PTY)							
	study or work placement of	outsid	e of the PTY(please ir	ndicate if this	s is one day,	No
	six months, a year etc)						No
Clinical Placements (that are not part of the PTY Scheme)							
ERASMUS Study (that is not taken during Level P)							No
Study exchanges (that are not part of the ERASMUS Scheme)							No
Dual Degre							No
Joint Degre	e						No

Further information

Some guest lecturers are involved in the delivery of material for this programme. Some may be involved in marking.

New modules are in development for the final year. It is possible these will require input from external institutions – if required a Memorandum of Understanding will be produced.

Quality control of external lecturers' contributions to modules in both programmes is monitored through the Module Evaluation Questionnaires and the double marking/moderation and external examiner system (following the University's *Code of practice for assessment and feedback*).

22. Criteria for admission

A-levels: AAB - at least two science/mathematics A-levels, one of which must be either Chemistry or Biology

GCSE: English Language and Mathematics at grade C or above.

BTEC (QCF Level 3) Extended Diploma: DDD (in Applied Science)

European Baccalaureate: 75% (including 8 in at least two science subjects)

International Baccalaureate: 35 points (two science grades 6 and 5 at HL, Chemistry or Biology required)

Other international qualifications: If you are an international student and you don't meet the entry requirements to this degree, we offer the International Foundation Year.

23. Assessment regulations

Please click on the following link for the full assessment *regulations* <u>http://www.surrey.ac.uk/quality_enhancement/regulations/index.htm</u>

All programmes within the University of Surrey adhere to the *Regulations*. All taught programmes also reference and follow the *Code of practice for assessment and feedback*.

24. Support for students and their learning

A range of services will be provided to support students and their learning;

- Welcome week (induction)
- Programme handbook
- Programme Leaders
- Personal Tutors
- Module Coordinators
- Research project supervisors
- Module descriptors
- SurreyLearn
- SPLASH
- Library
- Student Support Office
- Wellbeing Centre
- University of Surrey Students' Union (USSU)

25. Quality management – indications of quality and the methods for evaluating and improving quality

The quality management of this programme is monitored through:

- Periodic programme review
- Annual Programme Review Reports
- Module Evaluation Questionnaires
- The National Student Survey
- Joint Staff Student Liaison Committees
- Personal Tutoring
- Board of Study meetings
- Board of Examiners

26. Further information

Further information can be found on our webpages at <u>http://www.surrey.ac.uk/undergraduate/biological-sciences</u> (for example the Key Information Set), and within the Programme Handbook, which is provided on entry to the Programme.

The *Regulations* and *Codes of Practice* for taught programmes can be found at <u>http://www.surrey.ac.uk/quality_enhancement/regulations/index.htm</u> <u>http://www.surrey.ac.uk/quality_enhancement/standards/index.htm</u>