University of the West of England
BRISTOL

MODULE SPECIFICATION

Part 1: Basic Data						
Module Title	The Sport and Exercise Scientist					
Module Code	UISV5Y-30-2		Level	2	Version	2
UWE Credit Rating	30	ECTS Credit Rating	15	WBL module?	No	
Owning Faculty	Hartpury		Field	Sport Science		
Department	Sport		Module Type	Standard		
Contributes towards	BSc (Hons) Sport and Exercise Sciences BSc (Hons) Sport and Exercise Sciences (SW)					
Pre-requisites	None		Co- requisites	None		
Excluded Combinations	None		Module Entry requirements	None		
Initial CAP Approval Date	07 April 2016		Valid from	01 September 2016 V2.0 01 September 2018		
Revision CVC Approval Date	V2.0- 02 May 2018		Valid to	01 September 2024		

Part 2: Learning and Teaching	
Learning Outcomes	On successful completion of this module students will be able to: 1. Demonstrate understanding of the research process and justify and apply appropriate research methodologies and analytical techniques to address a research question. (A) 2. Evaluate sources of literature and be able to critically analyse, synthesise and evaluate published research papers. (A) 3. Appraise the interdisciplinary nature of a sports science team working in collaboration to support a high performance athlete. (A) 4. Analyse the interpersonal skills required to be a sport and exercise scientist. (A) 5. Compare and select a progression route into a chosen sport science field. (A)
Syllabus Outline	• The interdisciplinary nature of sport and exercise science, and the value of working in teams and managing working relationships. • The importance of developing interpersonal relationships when working with athletes or general population, focussing on communication and motivation. • Careers in sport and exercise sciences and the skills and experience necessary for future employment. • How to form a research idea and the stages of the research process in consideration of ethical issues. • Sourcing and reviewing literature. • A range of qualitative and quantitative analytical methods including strengths and weaknesses within appropriate methodological contexts.
Contact Hours	Indicative delivery modes: • Lectures, guided learning, seminars etc. 66

	• Self-directed study 21 • Independent learning 213 **TOTAL** **300**
Teaching and Learning Methods	This Module is delivered using large group learning sessions and opportunities for small group work. Additionally essential and recommended reading and exercises will be introduced to guide the students through the core syllabus. **Scheduled learning** may include lectures, seminars, practicals, tutorials, workshops and external visits. **Independent learning** includes hours engaged with reading, portfolio preparation and completion etc. **Virtual learning environment (VLE)** This specification is supported by a VLE where students will be able to find all necessary module information. Direct links to information sources will also be provided from within the VLE.
Key Information Sets Information	Key Information Sets (KIS) are produced at programme level for all programmes that this module contributes to, which is a requirement set by HESA/HEFCE. KIS are comparable sets of standardised information about undergraduate courses allowing prospective students to compare and contrast between programmes they are interested in applying for.

Key Information Set - Module data

Number of credits for this module				30
Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours
300	87	213	0	300

The table below indicates as a percentage the total assessment of the module which constitutes a -

Written Exam: Unseen written exam, open book written exam, In-class test
Coursework: Written assignment or essay, report, dissertation, portfolio, project
Practical Exam: Oral Assessment and/or presentation, practical skills assessment, practical exam

Please note that this is the total of various types of assessment and will not necessarily reflect the component and module weightings in the Assessment section of this module description:

Total assessment of the module:	
Written exam assessment percentage	0%
Coursework assessment percentage	0%
Practical exam assessment percentage	100%
	100%

Reading Strategy	**Essential readings** Any essential reading will be indicated clearly, along with the method for accessing it, e.g. students may be required to purchase a set text, be given a print study pack or be referred to texts that are available electronically or in the Library. Module guides will also reflect the range of reading to be carried out. **Further readings** Further reading will be required to supplement the set text and other printed readings. Students are expected to identify all other reading relevant to their chosen topic for themselves. They will be required to read widely using the library search, a variety of bibliographic and full text databases, and internet resources. Many resources can be accessed remotely. The purpose of this further reading is to ensure students are familiar with current research, classic works and material specific to their interests from their academic literature. **Access and skills** Formal opportunities for students to develop their library and information skills are provided within the induction period and student skills sessions. Additional support is available through online resources. This includes interactive tutorials on finding books and journals, evaluation information and referencing. Sign up workshops are also offered.
Indicative Reading List	The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. However, as indicated above, CURRENT advice on readings will be available via other more frequently updated mechanisms, including Moodle. Books: Davies, B. M. (Current Edition). *Doing a successful research project using qualitative and quantitative methods.* Basingstoke Hampshire: Palgrave Macmillan. Chelladurai, P. (Current Edition) *Managing Organisations for Sport and Physical Activity: A System Perspective*. Scottsdale: Holcomb Hathaway. Clandinnin and Connelly (Current Edition). *Narrative Enquiry, Experience & story in qualitative research.* San Fransisco: Wiley. Corrigan R.H. and Farrell M.E. (Current Edition). *Ethics, A University Guide*. Gloucester: Frontiers Publications. Denzin and Lincoln (Current Edition). *The handbook of qualitative research*. London: Sage. Dytham, C. (Current Edition). *Choosing and using statistics. A biologist's guide*. Padstow Cornwall: Blackwell Publishing. Field, A. (Current Edition). *Discovering Statistics Using IBM SPSS Statistics*. London: Sage. Greenfield, T (Current Edition). *Research methods*. London: Arnold. Hemmings, B. and Holder, T. (Current Edition) *Applied Sport Psychology – A Case-based Approach.* Chichester: Wiley-Blackwell. Hunt, A. (Current Edition). *Your research project: how to manage it*. Abingdon: Routledge. Kindt, T. and Rowell, S. (Current Edition). *Achieving excellence in High Performance Sport.* London: Bloomsbury. Pallant, J (Current Edition). *SPSS survival manual: a step by step guide to data analysis using SPSS for windows*. Maidenhead: Open University Press Swetnam, D. and Swetnam, R. (Current Edition). *Writing your dissertation*. Trowbridge: How to books.

	Underwood, A.J. (Current Edition). *Experiments in ecology: their logical design and interpretation using analysis of variance*. Cambridge: Cambridge University Press. Journals: Journal of Sport Sciences Journal of Applied Sport Psychology Journal of Applied Case Studies in Sport and Exercise Science International Journal of Sport Science and Coaching Websites and databases: BASES www.bases.co.uk Web Pages that Perform Statistical Calculations! http://statpages.org/. Statistics Help For Students http://statistics-help-for-students.com/.

Part 3: Assessment	
Assessment Strategy	Students' understanding of the interdisciplinary nature of working within a sports science support team will be demonstrated through a controlled conditions entry within the portfolio of practical skills. This assessment will assess the students' understanding of the interpersonal skills required to work with an athlete or member of the general population. In addition, students will identify the skills and experience required to work in an area of choice within sport and exercise sciences. The portfolio will support students in practically exploring research approaches based on a topic of choice within sport and exercise science. This assessment will determine the student's ability to select and apply appropriate methods of analysis and present findings in a scientific manner. Students will receive increased detail on the exact requirements of the portfolio within the assessment brief published at the start of the module. This will support students' understanding of assessment requirements and facilitate equal opportunities. In line with the College's commitment to facilitating equal opportunities, a student may apply for alternative means of assessment if appropriate. Each application will be considered on an individual basis taking into account learning and assessment needs. For further information regarding this please refer to the VLE.

Identify final assessment component and element	**Portfolio of practical skills**	
% weighting between components A and B (Standard modules only)	**A:** 100%	**B**: 0%

First Sit	
Component A (controlled conditions) **Description of each element**	**Element weighting**
1. Portfolio of practical skills (equivalent to 4000 words)	100%

Resit (further attendance at taught classes is not required)	
Component A (controlled conditions) **Description of each element**	**Element weighting**
1. Portfolio of practical skills (equivalent to 4000 words)	100%

If a student is permitted a retake of the module under the University Regulations and Procedures, the assessment will be that indicated by the Module Description at the time that retake commences.