Module Specification

Module Summary Information

1	Module Title	Planning and Conducting Research
2	Module Credits	20
3	Module Level	5
4	Module Code	SPX5002

5	Module Overview

This module is a key part of the BSc Sport and Exercise Science, Sports Therapy, Sport and Exercise Nutrition, and PE and School Sport Programmes in that it is studied in preparation for your Level 6 Final Year Project. Information and activities on more complex inferential statistics will be presented building on from your level 4 research module. The module aims to assist you in gaining a more critical understanding of the research of others and to act as a complement to other second year modules you will be studying. It will also directly prepare you for undertaking your own research at Level 6. To realise these aims, you will have the opportunity to develop more the complex statistical skills that will be required to enhance your understanding in other modules that form part of your degree programme and prepare you for designing your own research. In addition, the module will support your employability by enabling you to develop a range of transferable skills based on academic, professional and personal learning for professional practice.

Delivery of this module is based on the published evidence base for undertaking research. Within this module you will be asked to access current research evidence so that you can proposed and defend your research ideas and choices based on high quality evidence.

This module will further develop your understanding of the processes of research and enquiry in sports science/medicine and physical education related subjects. It emphasises scientific approaches and seeks to inform your understanding of how peer-reviewed high quality research is used for evidenced based practice. Therefore, this module aligns with being knowledge applied and being interdisciplinary as you will study a variety of sport and exercise science related topics with a range of students from the sport and exercise science department. It also aligns to pursuing excellence by following the practice-led, knowledge applied format. In addition, the module will support your employability by enabling you to develop a range of transferable skills based on academic, professional and personal learning for professional practice.

This module will comprise of a number of approaches to learning. This module will comprise of a number of approaches to learning. Keynote lectures will provide the basis for the core topics on the module and will be followed-up with seminars and small group seminars and practical workshops. You will be required to prepare for these sessions using the online resources accessed via the Moodle site and guided independent tasks will reinforce the content each week.

You will need to spend at least 200 hours of study time on this module.

6	Indicative Content

- Data types/Parametric Assumptions
- Conducting inferential statistics including the use of SPSS, Correlation, difference testing, regression
- Interpreting and reporting inferential statistics
- Qualitative data collection and analysis
- Questionnaire design
- Validity and Reliability

7	Module Learning Outcomes
	On successful completion of the module, students will be able to:
1	Demonstrate an understanding of analysing research data that inform answers to existing research questions.
2	Plan a clear and specific, ethical and testable piece of research that can be realistically addressed with appropriate research methods.
3	Source and appraise peer reviewed published literature in your chosen area as a rationale for your own research question relevant to your degree title.

8	Module Assessment		
Learning Outcome			
	Coursework	**Exam**	**In-Person**
1		X	
2, 3	X		

9	Breakdown Learning and Teaching Activities	
Learning Activities	**Hours**	
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	35	
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	75	
Private Study (PS) includes preparation for exams	90	
Total Study Hours:	200	