1. **Title of the module**

SPOR3550 (SS355) Research in Sport and Exercise Sciences

1. **School or partner institution which will be responsible for management of the module**

School of Sport and Exercise Sciences

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

4

1. **The number of credits and the ECTS value which the module represents**

30 (15 ECTS)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Autumn and spring

1. **Prerequisite and co-requisite modules**

None.

1. **The programmes of study to which the module contributes**

BSc Sport and Exercise Science (and with a year in industry)

BSc Sport and Exercise for Health (and with a year in industry)

BSc Sports Therapy and Rehabilitation

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**
2. Demonstrate knowledge and understanding of research methods and principles in sport and exercise sciences.
3. Demonstrate knowledge of different methods of data collection, analysis, interpretation and communication
4. Demonstrate appropriate academic skills specific to study in sport and exercise sciences.
5. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**
   1. Apply knowledge to the solution of familiar and unfamiliar problems.
   2. Effectively apply the skills needed for academic study including critical evaluation.
   3. Apply communication, presentation, numeracy and IT skills.
   4. Apply problem-solving skills.
   5. Self-appraise and reflect on practice
   6. Plan and manage learning.
6. **A synopsis of the curriculum**

The module aims to provide students with knowledge of the foundations in research methods in sport sciences. Students will explore different data collection methods in sport sciences and how that information is presented and communicated appropriately. Research and academic study skills will be developed throughout the module.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

Field, A. (2017). *Discovering statistics using SPSS*. 5th Edition. London: Sage.

Burns, R. (2000). *Introduction to Research Methods*. London: Sage.

Creswell, J.W and Cresswell J.D. (2018). *Research design: qualitative, quantitative, and mixed methods approaches*. 5th Edition. London: Sage.

Coakes, S.J. and Steed, L.G. (2009) SPSS: Analysis without anguish version 14.0 for

Windows. Australia: Wiley and Sons.

Dawson, C. (2019). *Introduction to Research Methods.* 5th Edition. London: Robinson.

Fallowfield, J. Hale, B. Wilkinson, D. (2005) *Using statistics in Sport and Exercise Science*

Research. Chichester: Lotus Publishing.

Thomas, J.R. and Nelson, J.K. (2015) Research Methods in Physical Activity.(7th Ed.)

Champaign, Illinois: Human Kinetics.

Williams, C. Wragg, C. (2004) Data analysis and research for Sport and Exercise Science. London: Routledge.

Gratton, C., & Jones, I. (2010). *Research methods for sports studies.* Oxon: Routledge.

**Neville, S., Murphy, C., & Moore, M. (2010). The Ultimate Study Skills Handbook. Berkshire: Open University Press.** *This is an e-book available via the University Library.*

Ryall, E. (2010). *Critical thinking for sports students*. Exeter: Learning Matters Ltd.

1. **Learning and teaching methods**

Total contact hours: 44

Private study hours: 256

Total study hours: 300

1. **Assessment methods**
   1. Main assessment methods

1) Skills logbook (6 entries) 40%

2) Written report (2000 words) 60%

13.2 Reassessment methods

Like-for-like.

1. ***Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)***

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |
| **Private Study** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Lectures | **x** | **x** | **x** | **x** |  |  |  |  |  |
| Seminars | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |  |
| **Assessment method** |  |  |  |  |  |  |  |  |  |
| Skills Logbook | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Written report | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |

1. **Inclusive module design**

The School recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

1. **Internationalisation**

Research methods and academic study skills are essential attributes that sport sciences students are taught globally. Mastery of the subject specific learning outcomes will prepare students to apply the theories and skills associated with this module in a wide range of international contexts. During the module students will access research papers that are available internationally.

**FACULTIES SUPPORT OFFICE USE ONLY**

**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
|  |  |  |  |  |
|  |  |  |  |  |