

MODULE SPECIFICATION FORM: LEVEL 5, YEAR 2

Module Title: Research Methods	Level: 5	Credit Value: 20
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Module code: (if known) SPT502	Cost Centre: GASP	JACS2 code*: C600
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Semester(s) in which to be offered: 1 and 2	With effect from: Sept 2011
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Existing/New: New	Title of module being replaced (if any): None
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Originating Academic area: Sport and Exercise Sciences	Module Leader: Dr Michael Graham
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Module duration (contact hours/directed/directed private study): 40/60/100	Status: core	BSc (Hons) Sport and Exercise Sciences; Option: BSc (Hons) Sport Coaching
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Percentage taught by Subjects other than originating Subject (please name other Subjects): None
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Programme(s) in which to be offered: BSc (Hons) Sport and Exercise Sciences BSc (Hons) Sport Coaching	Pre-requisites per programme (between levels): None	Co-requisites per programme (within a level): None
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<p>Module Aims:</p> <p>This module aims to:</p> <ol style="list-style-type: none"> 1. further students' knowledge and understanding of the variety of areas in sport and exercise which may be examined by research. 2. introduce the student to a variety of issues related to research methods. 3. consolidate students' awareness of the techniques involved in research methods. 4. enable students to identify areas for detailed research at level 6.

Expected Learning Outcomes

At the end of this module, students should be able to have knowledge and understanding of the following:

1. To identify and differentiate between different research strategies.
2. To retrieve and review literature from a variety of information sources.
3. To present a research proposal that forms an appropriate and ethically sound basis for the level-6 research module.

Transferable/Key Skills and other attributes:

Team work, active participation in class and small group work, presentation skills, reading and writing skills, information finding, communication skills, IT skills including statistical analysis using PASW/SPSS.

Assessment: please indicate the type(s) of assessment (e.g. examination, oral, coursework, project) and the weighting of each (%). ***Details of indicative assessment tasks must be included.***

Assessment

Coursework - 100% of module

Learning outcomes (LO) to be assessed in this piece of coursework:

LO1: To identify and differentiate between different research strategies.

LO2: Retrieve and review literature from a variety of information sources.

LO3: Present a research proposal that forms an appropriate and ethically sound basis for the level-6 research module.

Students must complete a comprehensive review of literature. This literature review is methodology centred and covers the research proposal and associated ethics forms. The research proposal should outline a specific research topic and question(s), provide a justification or rationale for the research, highlight an appropriate research strategy (based in literature) and consider issues which may impact on the feasibility of conducting the research. Students must also submit Ethics forms with their proposal, which are subsequently considered by an Ethics Committee. The research and ethics proposal will form the basis of research conducted at level 6. Success in this module entitles students to progress to Level 6 and apply for ethical approval for their independent study

Assessment	Learning Outcomes to be met	Type of assessment	Weighting	Word count or equivalent if appropriate
CW	1, 2, and 3	Review of Literature and Ethics Proposal	100%	3000 word

Learning and Teaching Strategies:

This module will typically be taught through a series of workshops. Focussing on preparing the students for their level-6 research module, who will be involved in group-learning sets to explore areas of interest and proficiency as well as to develop understanding of the research

process. A range of delivery styles will be adopted, including practical research projects, case study investigations, research article reviews, computer based lab sessions, and one-to-one tutorial support. To complete the module successfully, attendance at all sessions is strongly advised. In order to be able to fully participate in the workshops the students may be asked to undertake specific background reading, which will be released on a weekly basis. Two tutors will deliver the module with a combination of individual and team teaching approaches, together with input and feedback from specialist SES staff on coursework two.

Syllabus outline:

- The use of a range of equipment for collection, analysis and presentation of data associated with sport and exercise.
- Qualitative and quantitative analysis of data associated with sport and exercise.
- Intervention strategies to maximise the impact of sport's performance.
- The use of computer software in statistical analysis.
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Bibliography

Bibliography

(please submit in Harvard referencing format)

Essential reading:

Field, A. (2009). *Discovering Statistics using SPSS (Introducing Statistical Methods series)* London: Sage Publications.

Gratton, C. and Jones, I. (2009), *Research Methods for Sport Studies*. London: Routledge.

Kumar, R. (2010), *Research Methodology: A Step-by-Step Guide for Beginners*. London: Sage.

Ntoumanis, N. (2001), *A Step-by-Step Guide to SPSS for Sport and Exercise Studies*. London: Routledge.

O'Donoghue, P. (2009). *Research Methods for Sports Performance Analysis*. London: Routledge. Thomas, J.R. Nelson, J.K. Silverman, S. (2005), *Research Methods in Physical Activity*. Champaign Ill: Human Kinetics.

Other indicative reading:

Bryman, A. (2008). *Social Research Methods*. Third Edition. Oxford Press.

McNamee, M. Olivier, S. and Wainwright, P. (2007), *Research Ethics in Exercise, Health and Sport Sciences*. London: Routledge.

Silk, M.L. Mason, D.S. and Andrews, D.L. (2005), *Qualitative Methods in Sports Studies*. Oxford: Berg.

