

# Dissertation (Strength and Conditioning) (REDU11026)

Postgraduate | Dissertation

## Organiser

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## Summary

The dissertation is a major piece of work that requires significant time and commitment from the student. Through the dissertation the student has the opportunity to identify a research or professional practice issue related to strength & conditioning, and undertake an independent research study to address it. Where appropriate, students will have the opportunity to link with existing research projects in this area within the Human Performance Science research group or the Physical Activity for Health Research Centre.

## Course Description

The dissertation process will involve the planning, execution, interpretation and write-up of the independent study in the field of strength & conditioning. Dissertation studies may be field, laboratory or desk based.

Students will be supported through specialist research training sessions at the beginning of the process, and by a designated supervisor through individual and/or group tutorials throughout the dissertation process. Additional research training will be provided through completion of the previous Understanding Research Concepts (REDU11010) and Research Process (REDU11011) courses.

## Course Outline

<b>College &amp; School</b>	College of Humanities and Social Science ☐ Moray House School of Education	<b>Availability</b>	Available to all students
<b>Credit Level</b>	SCQF Level 11 (Postgraduate)	<b>Subject Area(s)</b>	Research (EDU)
<b>SCQF Credits</b>	60	<b>ECTS Credits</b>	30

## Enrolment Requirements ☐

<b>Pre-Requisites</b>	
<b>Co-Requisites</b>	
<b>Prohibited Combinations</b> ☐	
<b>Other Requirements</b>	Students must have satisfied MSc progression requirements according to assessment regulations

## Visiting Student Information

<b>Pre-Requisites</b>	<i>None</i>
<b>High Demand Course?</b>	Yes
<b>Displayed in Prospectus?</b>	Yes

## Delivery Information

Academic year 2014/15, Available to all students (SV1)

### Overview

<b>Learn enabled</b>	Yes	<b>Quota</b>	None
<b>Course Start</b>	Block 5 (Sem 2) and beyond	<b>Course Start Date</b>	20/04/2015

## Learning and Teaching Activities

Seminar/Tutorial Hours	2
Dissertation/Project Supervision Hours	16
Other Study Hours	2
Programme Level Learning and Teaching Hours	12
Directed and Independent Learning	568
<b>Total</b>	<b>600 Hours</b>

## Additional Information (Learning and Teaching)

*None*

## Assessment

Written Exam	0%
Coursework	100%
Practical Exam	0%

## Additional Information (Assessment)

Total mark for the course will be a weighted average of the two assessments.

Task 1 (20%) - Oral presentation of research plans prior to data collection, including research questions and detailed overview and rationale for the methodology,

Task 2 (80%) - Journal article style submission of research project (max 6000 words including references, figures and tables)

## Feedback

Students will be provided with on-going formative feedback (where appropriate written or oral) from their individual supervisor throughout the dissertation process. Detailed individual formative written feedback from two examiners will be provided following the assessed oral presentation. Detailed written feedback from two examiners will be provided on the journal article submission.

## Exam Information

*No exam information entered.*

## Teaching Load

Subject Unit Code	Subject Unit Description	JACS Code	JACS Description	Percentage Split
X300_SU908	Academic studies in Education within Institute for Sport, Physical Education and Health Sciences	X300	Academic studies in education	100

## Learning Outcomes

On completion of this course, the student will be able to:

1. Undertake a significant piece of work demonstrating substantial autonomy, initiative and decision making
2. Identify and define a topic of enquiry suitable for a dissertation and justify its theoretical significance showing effective use of relevant literature and other scholarly evidence, ensuring professional relevance and practical feasibility
3. Identify appropriate methodology and use it effectively to collect data in an ethical and responsible manner
4. Systematically analyse data collected using appropriate techniques
5. Communicate the research plans and findings observing appropriate academic guidelines and reflect on how the knowledge can be transferred to a professional context

## Reading List

Key texts for this course will be:

Thomas, J., Nelson, J., Silverman, S. (2011). *Research Methods in Physical Activity*. Champaign Ill.: Human Kinetics.

Field, A., (2009). *Discovering statistics using SPSS*. London: Sage.

Specific readings from various journals include *Journal of Strength & Conditioning Research* and *International journal of Sports Physiology & Performance*

## Additional Information

### Graduate Attributes and Skills

During this course students will have the opportunity to:

- search for, access, critically analyse, evaluate and synthesise relevant literature and information in order to develop their knowledge and understanding relating to strength and conditioning

	<ul style="list-style-type: none"> <li>- plan and execute a significant research project including undertaking data collection and analysing data systematically</li> <li>- be independent learners who take responsibility for their own learning, and are committed to professional development, self-evaluation and self-improvement</li> <li>- exercise substantial autonomy and initiative in academic activities, including decision making on the basis of independent thought</li> <li>- recognise diversity of opinion in strength and conditioning, reflecting and evaluating this range and formulating justified and evidence-based ideas for application</li> <li>- reflect on social and ethical responsibilities linked to the application of their knowledge and judgments in strength and conditioning</li> <li>- use communication as a means for collaborating and relating to others including staff, fellow students, research participants</li> <li>- engage in critical discussion demonstrating listening skills, effective use of evidence and own experience to support assertions, and clear articulation of points</li> <li>- plan, execute and critically evaluate a significant research project in the area of strength and conditioning</li> <li>- have the confidence to make informed decisions relating to problems and issues in strength and conditioning</li> <li>- identify and manage risks appropriately (e.g., during applied experience, designing a suitable research project)</li> <li>- use data collection methods appropriate for their research project</li> </ul>
<b>Additional Class Delivery Information</b>	Research training workshops and individual/group tutorials with allocated supervisor
<b>Keywords</b>	emNot entered/em

The information below is **not displayed** on DRPS.

## Organisation and Teaching Load

<b>Convenor of Board of Examiners</b>	<b>Dr Peter Allison</b> Peter.Allison@ed.ac.uk P: (0131 6)51 6001
<b>Contact Hours</b>	0
<b>Marking Scheme</b>	Common Marking Scheme - PG Mark/Grade
<b>Default Course Mode of Study</b>	Classes & Assessment excl. centrally arranged exam
<b>Fee Code</b> <input type="checkbox"/>	<i>Not applicable</i>
<b>Acronym</b>	EDU-P-P02065

<b>Comments (Internal Use Only)</b>	<i>None</i>
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## Course Proposal

<b>Course Proposer</b>	<i>None</i>
<b>Supporting Documentation</b>	<i>Not entered</i>