

## MODULE DESCRIPTOR

<b>MODULE TITLE</b>	DOUBLE RESEARCH PROJECT		
<b>MODULE CODE</b>	XS3900 (L6)	<b>CREDIT VALUE</b>	40 UK / 20 ECTS
<b>SCHOOL</b>	SCHOOL OF SCIENCE		

### MODULE AIMS

The aims of the module are to provide an opportunity to conduct a major piece of independent research on a topic related to your substantive areas of study. It is expected that you will work independently, under limited supervision, in order to develop and demonstrate your academic skills and abilities. The project will demonstrate the use of primary and secondary data collection techniques. Evidence of data collection, handling and representation, in the light of relevant literature will be a significant focus of the research endeavour to critically investigate the topic, as will the synthesis of a research report.

### MODULE CONTENT

The investigation identified by the student must be approved by specialist academic staff (the supervisor) and meet the following criteria:

- The topic should be deemed appropriate within the context of the student's programme of study.
- A proposal of research intentions must be presented before data collection proceeds
- The proposal will be subject to ethical consideration and a risk assessment for the investigation
- The student will conduct an independent investigation, with limited supervision, over an extended period of time, typically over 1 academic year.
- The investigation should draw upon predominantly primary and some secondary data.
- The student will submit a final report for assessment.
- A record of the process must be maintained by the student, and a written reflection on the research process and experiential learning should also be submitted

### INTENDED LEARNING OUTCOMES

On successful completion of this module a student will be able to:

1. Perform an information search, and select, review and critically evaluate appropriate information.
2. Produce an Ethics application, including a research proposal with an appropriate risk analysis and consider all ethical issues
3. Plan, apply, interpret and report on a range of descriptive statistics and statistical tests (as appropriate) and communicate in a professional and appropriate manner.
4. Conduct an investigation by collecting primary data as well as interpret and evaluate that data
5. Reflect on personal and employability skill development as well as demonstrate independence and initiative

### TEACHING METHODS

Students will meet with their tutor on a minimum of three occasions throughout the year. To facilitate the achievement of the learning outcomes listed, students will need to take a pro-active role in their own learning. Students will be expected to work on their own initiative in the development of appropriate skills, taking a critical appreciation of their progress. eLearn resources will be utilised to support student learning.

### ASSESSMENT METHODS

This module is assessed through a Project Report (90%) and a critical reflection (10%).