

### Summary Information

<b>Module Code</b>	5306NATSCI
<b>Formal Module Title</b>	Project Design and Management
<b>Owning School</b>	Biological and Environmental Sciences
<b>Career</b>	Undergraduate
<b>Credits</b>	20
<b>Academic level</b>	FHEQ Level 5
<b>Grading Schema</b>	40

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings
Michael Burn	Yes	N/A

#### Module Team Member

Contact Name	Applies to all offerings	Offerings
Sarah Percival	Yes	N/A
Patrick Byrne	Yes	N/A
Laura Edwards	Yes	N/A
Lee Bradley	Yes	N/A
Alexandre Gagnon	Yes	N/A
Konstadinos Kiriakoulakis	Yes	N/A
Timothy Lane	Yes	N/A
Jonathan Dick	Yes	N/A
Jason Kirby	Yes	N/A

Neil Simcock	Yes	N/A
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### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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### Teaching Responsibility

LJMU Schools involved in Delivery
Biological and Environmental Sciences

### Learning Methods

Learning Method Type	Hours
Lecture	8
Practical	4
Tutorial	6
Workshop	32

### Module Offering(s)

Offering Code	Location	Start Month	Duration
JAN-CTY	CTY	January	12 Weeks

### Aims and Outcomes

<b>Aims</b>	Introduction to practical project design and management in theory and through structured learning exercises including project preparation
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### Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Explain key conceptual frameworks which underpin Geographical research.
MLO2	Develop employability skills that can be applied once leaving the university
MLO3	Prepare for and communicate independent dissertation projects

## Module Content

### Outline Syllabus

What research is and its place in society; Paradigms and research traditions; Inductive and deductive logic; Science methodologies and falsification; Humanities methodologies; Reviewing literature to formulate research questions; Research ethics and risk assessments; Choosing and designing methodologies; Statistical underpinnings of sampling strategies; Research data collection and analysis; Deconstructing research papers; Communicating research findings; Individual work designing and operationalising research projects; Evaluating dissertations done by earlier students.

### Module Overview

This module is an introduction to practical project design and management in theory and through structured learning exercises including project preparation.

### Additional Information

A module introducing research issues and methodologies through lectures, workshops and practical work.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Portfolio	Project Portfolio	60	0	MLO1, MLO2, MLO3
Presentation	Presentation	40	0	MLO1, MLO2, MLO3