Module Proforma

Approved, 2022.02

Summary Information

Module Code	4301NATSCI
Formal Module Title	Methods Skills and Careers 1
Owning School	Biological and Environmental Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Jon Dick	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Timothy Lane	Yes	N/A
Laura Edwards	Yes	N/A
Neil Simcock	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings

Teaching Responsibility

LJMU Schools involved in Delivery
Biological and Environmental Sciences

Learning Methods

Learning Method Type	Hours
Lecture	12
Off Site	14
Practical	26
Tutorial	8

Module Offering(s)

Offering Code	Location	Start Month	Duration
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	To provide students with practical experience in the methods employed by geographers to collect, statistically analyse, present and interpret primary and secondary data. To develop quantitative and qualitative practical skills, as well as observational skills. To introduce students to self reflection on personal and academic development

Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Utilise quantitative and qualitative skills in the statistical analysis and interpretation of data
MLO2	Synthesise the results of data analysis and utilise written and oral presentations to communicate findings
MLO3	Collect, analyse and interpret field data
MLO4	Reflect upon self awareness and personal and professional development

Module Content

Outline Syllabus
Fieldwork to develop skills in observation and data collection:Practical field skills including qualitative and quantitative data collection and recording. Data acquisition, display and analysis and communication.Fundamental statistical techniques, including descriptive statistics (Averages and measures of dispersion; Distributions and percentiles) & analytical statistics.Qualitative techniques.Small Group Tutorials to develop essential study skills.

Module Overview

The aim of this module is to provide you with practical experience in the methods employed by geographers to collect, statistically analyse, present and interpret primary and secondary data. You will develop quantitative and qualitative practical skills, as well as observational skills and be introduced to self reflection on personal and academic development.

Additional Information

This module includes a field trip to develop field based data generation skills; data will be generated for use in subsequent statistical skills development

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Portfolio	Quantitative Data Analysis	90	0	MLO3, MLO4, MLO2, MLO1
Future Focus e-learning task	Self Awareness Statement	10	0	MLO4