

Module Information

2022.01, Approved

Summary Information

Module Code	4402NATSCI
Formal Module Title	Skills in Climate Change Science
Owning School	Biological and Environmental Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Biological and Environmental Sciences

Learning Methods

Learning Method Type	Hours
Lecture	6
Off Site	28
Practical	19
Seminar	2
Tutorial	6

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To provide students with practical skills in the methods used by climate scientists to collect, present and interpret primary and secondary data. To develop both quantitative and qualitative practical skills and field based observational skills.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Demonstrate skills relevant in the analysis, interpretation and presentation of ecological, environmental and climate data
MLO2	2	Synthesise and communicate data analyses via both written and verbal presentation
MLO3	3	Collect, analyse and interpret field data in a systematic format

Module Content

Outline Syllabus	Fieldwork to develop skills in observation and data collection: Practical field skills in climate and environmental science, including observations, qualitative and quantitative data collection and recording. Techniques include ecological and environmental sampling, observation and field recording. Data acquisition, display and analysis and communication. Small Group Tutorials to develop essential study skills.
Module Overview	This module provides you with practical skills in the methods used by climate scientists to collect, present and interpret primary and secondary data. You will also learn to develop both quantitative and qualitative practical skills and field based observational skills.
Additional Information	This module includes a residential field trip to develop field based qualitative and quantitative skills.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Test	phase test	40	0	MLO1, MLO2
Portfolio	field project portfolio	60	0	MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Sasha Kosanic	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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