LIVERPOOL JOHN MOORES UNIVERSITY

Module Proforma

Approved, 2022.02

Summary Information

Module Code	5211NATSCI
Formal Module Title	Conservation Technology
Owning School	Biological and Environmental Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Christine Beardsworth	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Mark Feltham	Yes	N/A
Jennifer Sneddon	Yes	N/A
Torsten Wronski	Yes	N/A
Christopher Williams	Yes	N/A
Edwin Parker	Yes	N/A
Julia Nowack	Yes	N/A
Serge Wich	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	13
Off Site	12
Practical	14
Seminar	4
Workshop	8

Module Offering(s)

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

Aims and Outcomes

Aims	Provide students an understanding and awareness of the use and application of up to date technology in conservation

Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Have developed knowledge and understanding on the use of and terminology associated with up to date conservation technology
MLO2	Demonstrate the ability to process data and analyse data collected using up to date conservation technology
MLO3	Demonstrate knowledge on the applications of conservation technology to conservation practice and the ability to evaluate the effectiveness of particular technologies

Module Content

Outline Syllabus

Global Position Systems, Drones and unmanned vehicles, Remote sensing and sensor technology, sound recording and camera traps. Collection, processing and analysis of data collected using various technologies.

Module Overview

This module will be taught through lectures to teach you about technology and their applications in conservation. Computer practicals will be used to teach you how to process and analyse the data collected, workshops look at building and setting up the technology, and fieldtrips allow you to gain experience in using the technology.

Additional Information

This module will be taught through Lectures to teach students about the technology and their applications in conservation, computer practicals to teach student how to process and analyse the data collected, workshops to look at building and setting up the technology and fieldtrips to allow the student to gain experience in using the technology

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Report	Technology Report	50	0	MLO2, MLO1
Presentation	Sales Presentation	50	0	MLO3, MLO1