

Liverpool John Moores University

Title: CONSERVATION TECHNOLOGY
Status: Definitive
Code: **5211NATSCI** (122071)
Version Start Date: 01-08-2021

Owning School/Faculty: Biological and Environmental Sciences
Teaching School/Faculty: Biological and Environmental Sciences

Team	Leader
Lochran Traill	Y
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Academic Level: FHEQ5 **Credit Value:** 20 **Total Delivered Hours:** 51
Total Learning Hours: 200 **Private Study:** 149

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	13
Off Site	12
Practical	14
Seminar	4
Workshop	8

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Tech REP	Technology Report	50	
Presentation	Pres	Technology Sales Presentation	50	

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:

- 1 Have developed knowledge and understanding on the use of and terminology associated with up to date conservation technology
- 2 Demonstrate the ability to process data and analyse data collected using up to date conservation technology
- 3 Demonstrate knowledge on the applications of conservation technology to conservation practice and the ability to evaluate the effectiveness of particular technologies

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Technology Report	1	2
Sales Presentation	1	3

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.

Learning Activities

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

Notes

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