Module Definition Form (MDF)

Module code: MOD002929	**Version:** 7 **Date Amended:** 13/Jun/2024

1. Module Title
Undergraduate Project

2a. Module Leader
Philip Pugh

2b. School
School of Life Sciences

2c. Faculty
Faculty of Science and Engineering

3a. Level
6

3b. Module Type
Project or dissertation (fine graded)

4a. Credits
30

4b. Study Hours
300

5. Restrictions			
Type	**Module Code**	**Module Name**	**Condition**
Pre-requisite:	MOD005464	Biological Research Skills	Compulsory
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:	Animal Behaviour BSc (Hons), Marine Biology with Biodiversity & Conservation BSc (Hons), Zoology BSc (Hons), Marine and Terrestrial Conservation BSc (Hons) – and all variants of the above		

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

As a Life Sciences student you are expected to undertake a final year research project focused on a topic relevant to your degree field. This will personalise your degree, and provide you with essential experience of project development, research and project management. Your project may be based on current Anglia Ruskin University research interests, or be something of interest to you, your work-place supervisor, previous or current employer. Your project must show evidence of appropriate academic challenge, technical expertise, and progress. You will be required to identify and formulate problems and issues, conduct a literature review, evaluate information, investigate and adopt suitable research methods, develop suitable hardware, software and other media appropriate for data collection and processing. You will demonstrate that you have fulfilled these criteria via regular meetings with your project supervisor where you will show evidence of project development via discussion and the presentation of spoken, written and other appropriate evidence. A substantial dissertation will form the bulk of the assessment for the project.

During the project, you will develop skills in data collection, data handling and analysis, as well as science communication skills (written and oral). These form an essential part of any career in science and are also relevant for a range wide of careers in other industries.

6b. Outline Content

- plan and carry out an independent research project. - test an original hypothesis. - demonstrate project planning, project execution and hypothesis testing via written and other appropriate skills.

In the course of your studies with us you may generate intellectual property which is defined as an idea, invention or creation which can be protected by law from being copied by someone else. By registering with us on your course you automatically assign any such intellectual property to us unless we agree with the organisation covering the cost of your course that this is retained by them. In consideration of you making this assignment you will be entitled to benefit from a share in any income generated in accordance with our Revenue Sharing Policy in operation at that time. Details of our Intellectual Property Policy and Guidelines can be found on My.Anglia under Research, Development & Commercial Services or by contacting this Office for a hard copy.

6c. Key Texts/Literature

The reading list to support this module is available at: https://readinglists.aru.ac.uk/

6d. Specialist Learning Resources
None - specific to each project.

7. Learning Outcomes (threshold standards)		
No.	**Type**	**On successful completion of this module the student will be expected to be able to:**
1	Knowledge and Understanding	Choose and define the scope of an appropriate study for a structured investigation.
2	Knowledge and Understanding	Demonstrate intellectual skills and expertise relating to the execution of a particular scientific study; collect, organise, understand, interpret and integrate information from a variety of appropriate sources, acting autonomously, with minimal supervision.
3	Intellectual, practical, affective and transferrable skills	Demonstrate practical skills, in terms of technical aptitude and data handling, relating to the execution of a particular scientific research project.
4	Intellectual, practical, affective and transferrable skills	Identify, select and justify the use of appropriate techniques and (where relevant) ethical strategies.
5	Intellectual, practical, affective and transferrable skills	Critically analyse data and evaluate other evidence that justifies and supports conclusions and/ or recommendations.
6	Intellectual, practical, affective and transferrable skills	Demonstrate effective written and oral communication. Evidence should be coherent, integrated, sufficiently detailed and presented to a professional standard.

8a. Module Occurrence to which this MDF Refers				
Year	**Occurrence**	**Period**	**Location**	**Mode of Delivery**
2025/6	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence			
Learning Activities	**Hours**	**Learning Outcomes**	**Details of Duration, frequency and other comments**
Lectures	12	1-6	12 x 1 hrs lectures/actve learning
Other teacher managed learning	6	1-6	6 x 1 hr meeting with supervisors
Student managed learning	282	1-6	Undertake and complete the requirements for the final year project
TOTAL:	300		

9. Assessment for the above Module Occurrence					
Assessment No.	**Assessment Method**	**Learning Outcomes**	**Weighting (%)**	**Fine Grade or Pass/Fail**	**Qualifying Mark (%)**
010	Coursework	1-6	100 (%)	Fine Grade	30 (%)
Dissertation; 4000 words supported by presentation (1000 words equivalent) and PDP component (500 words equivalent).					

Assessment components for Element 010				
Component No.	**Assessment Title**	**Submission Method**	**Weighting (%)**	**Components needed for Mark Calculation?**
010/1	Dissertation 4000 words	Scheduled Activity: Timetabled assessment task	85 (%)	All
010/2	PDP documents 500 words equivalent	Canvas	5 (%)	
010/3	Presentation 1000 word equivalent	Canvas	10 (%)	

In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).

In addition, students are required to:
(a) achieve the qualifying mark for each element of fine graded assessment as specified above
(b) pass any pass/fail elements

[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]