

Module Details	
Module Title	MRes Project Part 2
Module Code	LIS7021-E
Academic Year	2024/5
Credits	60
School	Life Sciences (Faculty-wide)
FHEQ Level	FHEQ Level 7

Contact Hours	
Type	Hours
Seminars	4
Tutorials	15
Directed Study	206
Laboratories	375

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 3

Module Aims
<p>To provide the opportunity for students to:</p> <ul style="list-style-type: none"> - Develop self-direction and originality in the application of knowledge and problem solving. - Develop a comprehensive understanding of appropriate advanced scientific techniques and how those techniques can be used to create and interpret knowledge. - Further develop their analytical, critical analysis, time management and IT skills - Further develop their awareness of current issues in a research topic of their choice. - Work as part of a research team on a real-world project.

Outline Syllabus
<p>The majority of this module is related to laboratory research with an academic group. This module is a continuation of the research initiated in MRes Project I (LIS7020).</p>

Learning Outcomes	
Outcome Number	Description
01	Systematically gather, critically analyse and evaluate complex data as part of a research project
02	Systematically and creatively present complex data, and evaluate findings in the context of research at the forefront of the discipline.
03	To apply effective communication skills in preparation of an oral dissertation defence.
04	To present data in an appropriate format, including application of statistics (where appropriate).

Learning, Teaching and Assessment Strategy
<p>The module develops and enhances student autonomy in learning. Students will continue their research project as part of a research team in the University of Bradford. Learning outcomes are developed and achieved throughout the module by completing an individually-designed programme of laboratory work. Students meet frequently with their academic supervisor and other researchers who provide individual training and continual formative feedback throughout the project. Alongside laboratory research students will have the opportunity to complete a mock interview (not assessed) to facilitate their career management skills.</p>

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Dissertation or Project Report	Dissertation 12,000 words	60%
Summative	Presentation	Poster presentation (AO) size	10%
Summative	Coursework - Written	Supervisors final assessment of laboratory competence, independence and initiative	10%
Summative	Presentation	Defence of dissertation (oral exam) (15 minutes)	20%
Formative	Dissertation or Project Report	Draft dissertation	N/A
Formative	Not assessed	Mock job/PhD interview	N/A

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

