

Module Details	
Module Title	Advanced Topics
Module Code	CLS6006-B
Academic Year	2022/3
Credits	20
School	School of Pharmacy and Medical Sciences
FHEQ Level	FHEQ Level 6

Contact Hours	
Type	Hours
Lectures	60
Seminars	12
Directed Study	128

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1

Module Aims
To introduce students to a range of research topics in the broad field of medical science, physiology, health and biomedical science. This will allow the students to further develop their ability to gather, critically analyse and describe scientific information.

Outline Syllabus
The module will consist of a number of advanced topic units, each which will contain a series of lectures supported by a seminar which will be a journal club - discussion of recent papers. Students will attend lectures, seminars and undertake additional reading on at least five of these advanced topic units.

Learning Outcomes	
Outcome Number	Description
LO1	Understand current research taking place at the University of Bradford, with reference to their subject interests and career intentions.
LO2	Critically analyse and evaluate experimental data presented in the primary scientific literature to select and explain key complex aspects, which are at the forefront of the discipline.
LO3	Demonstrate an effective self-management of workload, time and resources to gather, critically analyse and describe scientific information.

Learning, Teaching and Assessment Strategy
The module will comprise a series of at least 12 advanced topics from which students will be required to choose at least five topics. The topics presented will reflect current developments across the subject of medical and clinical sciences and exploit the current collective expertise of the School's academic and research staff. In each topic lecturers will present current thinking and research findings, referring students to the research literature. Students will be required to read the up-to-date research literature to advance their knowledge beyond the material presented in the lectures. Student learning will be supplemented with a seminar / journal club per topic. The formative assessment will be through this journal club, with students presenting recent papers and the seminar group discussing these. This will be an opportunity for feedback on how to critically analyse and appraise, this will benefit students in the summative assessment process and check they have been undertaking ongoing reading. Summative assessment is through a written exam of 3 hours.

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Examination - Open Book	Written examination (180 minutes): Three essays equivalent	100%
Formative	Presentation	Present (up to 10 minutes) research paper in seminar	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.