

Module Details	
Module Title	Independent Study
Module Code	BIS6014-A
Academic Year	2021/2
Credits	10
School	School of Chemistry and Biosciences
FHEQ Level	FHEQ Level 6

Contact Hours	
Type	Hours
Tutorials	5
Independent Study	95

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

Module Aims
To provide students with an opportunity to carry out an independent investigation into an area of healthcare science relevant to their chosen laboratory specialism. To gain a deep understanding of a specialist area of healthcare science and to develop skills in critical analysis and report presentation (the dissertation). To consolidate skills and appropriate attitudes required for active lifelong learning.

Outline Syllabus
Each student will work under the supervision of a supervisor on a chosen topic related to their specialist area of healthcare sciences. The syllabus will be determined by the content of the topic that is chosen by the student and will therefore be individual to the student.
Tutorials will support specialist supervisors. Tutorial topics will include literature searches, using Endnote, written and oral communication skills.
Note on Learning Outcomes: much of the work of this module will involve 'evidence based practice' so will relate to standard 2b1. Because you will be 'describing current trends and modern techniques and their impact on healthcare' and 'critically reviewing and evaluating research papers', the learning outcomes of this module will enable you to fulfil a series of HPC competencies including 14.1, 14.30, 14.18, 14.22, 14.10, 14.26, 14.27, 14.15.

Learning Outcomes	
Outcome Number	Description
01	Describe and critically comment upon an area of healthcare science relevant to your laboratory specialism.
02	Organise and manage an extensive literature search in your chosen specialist area.
03	Demonstrate critical thinking through analysis and evaluation of published scientific literature.
04	Discuss and interpret detailed scientific data using the correct scientific terminology.
05	Produce and evaluate a plan to communicate in writing your knowledge and critical awareness of your chosen topic.
06	Demonstrate self-management of workload and resources and effective written communication.
07	Demonstrate personal responsibility for self-directed learning and time management.

Learning, Teaching and Assessment Strategy
Each student will choose a topic of interest then plan, undertake and report on this topic. An academic member of staff and the practice tutor will act as supervisors for their topic, providing guidance and advice on the scope of the research area and the dissertation itself. Tutorials will provide training in literature searching, the use of Endnote for citations and communication skills.

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Coursework	A dissertation of 2500 words	100%

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.

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