

Module Details	
Module Title	Critical Appraisal of a Current Topic in Pharmaceutical Sciences
Module Code	PHA7005-B
Academic Year	2020/1
Credits	20
School	School of Pharmacy and Medical Sciences
Subject Area	Pharmacy
FHEQ Level	FHEQ Level 7
Pre-requisites	N/A
Co-requisites	N/A

Contact Hours	
Type	Hours
Tutorials	15
Directed Study	185

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 2

Module Aims
Develop a critical awareness and a comprehensive understanding of research being undertaken by other scientists in a specific topic in pharmaceutical sciences. Provide students with an opportunity to autonomously plan, undertake and report, orally and in writing an appraisal of work at the forefront of pharmaceutical science and technology.

Outline Syllabus
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. The chosen topic will be different from the area of research to be selected for the Research Project module.

Learning Outcomes	
Outcome Number	Description
1	Demonstrate an understanding of selected recent advances in the field of pharmaceutical technology.
01	Demonstrate an understanding of selected recent advances in the field of pharmaceutical technology.
2	Carry out scientific literature searches.
02	Carry out scientific literature searches.
3	Autonomously plan and implement a critical appraisal of a given area of reported research.
03	Autonomously plan and implement a critical appraisal of a given area of reported research.
4	Write structured scientific reports, and present scientific results and findings to colleagues.
04	Write structured scientific reports, and present scientific results and findings to colleagues.
5	Critically appraise research findings.
05	Critically appraise research findings.
6	Communicate scientific findings in writing and by oral presentation, and contribute to discussions.
06	Communicate scientific findings in writing and by oral presentation, and contribute to discussions.
7	Manage personal time effectively and work co-operatively and effectively with a mentor.
07	Manage personal time effectively and work co-operatively and effectively with a mentor.
8	Develop independent learning and critical thinking ability required for continuing professional development.
08	Develop independent learning and critical thinking ability required for continuing professional development.

Learning, Teaching and Assessment Strategy
<p>This module will be delivered via a blended learning approach, comprising a blend of face-to-face and online teaching and learning activities. Students will engage with a series of online and structured activities such as online discussions. In addition, the support sessions from the Faculty Librarians will be delivered on campus as PC cluster is required to deliver these sessions. Each student will choose a topic of interest from a given list, then plan, undertake and report on this topic This will provide an opportunity to develop critical thinking and a capability to evaluate scientific literature, and also to gain state of the art knowledge of recent developments in a significant field of pharmaceutical science and technology. An academic member of staff will act as a supervisor providing guidance and advice and support the development of transferable and professional skills including resourcefulness and communication, both written and oral including presenting results and findings..</p>

Mode of Assessment				
Type	Method	Description	Length	Weighting
Summative	Coursework	A critical essay/review (3500 words)	N/A	80%
Summative	Presentation	An oral presentation of the topic (15 minutes)	15 mins	20%

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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