

## **Critical Appraisal of a Current Topic in Pharmaceutical Sciences**

Module Code:	PHA7005-B
Academic Year:	2018-19
Credit Rating:	20
School:	School of Pharmacy and Medical Sciences
Subject Area:	Pharmacy
FHEQ Level:	FHEQ Level 7 (Masters)

Pre-requisites:

Co-requisites:

### **Contact Hours**

<b>Type</b>	<b>Hours</b>
Tutorials	15
Directed Study	185

### **Availability Periods**

<b>Occurrence</b>	<b>Location/Period</b>
BDA	University of Bradford / Semester 2 (Feb - May)

### **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.

### **Module Learning Outcomes**

*On successful completion of this module, students will be able to...*

- 1 Demonstrate an understanding of selected recent advances in the field of pharmaceutical technology.
- 2 Carry out scientific literature searches.
- 3 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.
- 5 Critically appraise research findings.
- 6 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.
- 8 Develop independent learning and critical thinking ability required for continuing professional development.

### **Learning, Teaching and Assessment Strategy**

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..

### **Mode of Assessment**

<b>Type</b>	<b>Method</b>	<b>Description</b>	<b>Length</b>	<b>Weighting</b>	<b>Final Assess'</b>
Summative	Presentation	An oral presentation of the topic	15 minutes	20%	No
Summative	Coursework	A critical essay/review	0-3500 words	80%	Yes

### **Legacy Code (if applicable)**

PH-4034D

## Reading List

To view Reading List, please go to [rebus:list](#).