

Management of Global Pharmaceutical Supply

Module Code:	PHA7049-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

Type	Hours
Lectures	24
Tutorials	24
Directed Study	152

Availability Periods

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

Module Aims

This module aims to provide the students with the opportunity to develop in-depth awareness and understanding of the processes and strategies for the sourcing of medicines and its relevance to the availability of affordable quality medicine. Students will also develop their knowledge and understanding of the principles of operations, supply chain and quality management, from raw materials sourcing through to the customer, including how to design and manage a sustainable supply chain and mitigate risks and emerging challenges within the pharmaceutical supply chain. This module will also examine

Outline Syllabus

Introduction to operations management/service operations management
Introduction to quality management
Fundamental principles of supply chain management
Medicines sourcing and procurement
Medicines management (inbound and internal systems)
Transportation and Distribution Management
Technology and the pharmaceutical supply chain
Risk identification and management
Regulation and corporate and social responsibility
Medicines optimisation
The role of the pharmaceutical supply chain in humanitarian aid
Emerging contemporary issues and responses in the pharmaceutical supply chain

Module Learning Outcomes

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

- 1 Critically review the design and composition of the pharmaceutical supply chain.
- 2 Examine the concepts of operations and supply chain management as applied in the pharmaceutical supply chain in contemporary society.
- 3 Examine associated healthcare theory and professional practice literature/theory as appropriate.
- 4 Enhance your interpretative and analytical skills through tutorial sessions and formative and summative assessment.
- 5 Develop team-working and technical skills through student-led tutorial sessions and problem identification and resolution in the summative assessment.
- 6 Communicate complex and sensitive information in an understandable form to a variety of audiences.
- 7 Work effectively independently and as a team member.
- 8 Demonstrate good IT skills.

Learning, Teaching and Assessment Strategy

This module will be delivered using a blended approach of lectures, tutorials, multi-media presentations, guest speakers and problem solving sessions. These sessions will introduce students to current supply chain/operations management research and theory, which will be complemented by student-led tutorial sessions. Both lectures and tutorials will provide students with the opportunity to appreciate and use the information disseminated to contemporary operational issues (learning outcome 1, 2, 3, 4 and 5). The lectures will be complemented and enhanced by multi-media sources (DVD media clips based on known companies, online sources e.g. YouTube, BBC News, professional articles etc) demonstrating the applicability of the material to businesses today (learning outcome 1, 2, 3, and 5). Guest speakers will also be factored into the tutorial schedule, either directly presenting to students or via Skype link (learning outcome 4 and 5). A number of tutorial sessions will be designed which are problem based and students will work together to present resolutions to

these problems based on pre-reading and teamwork (learning outcome 4, 5, 6 and 7).

Directed study will encourage students to read a broader range of sources to deepen their understanding of the subject matter from relevant credible sources (learning outcome 4, 5 and 6). The proposed assessment will be a group presentation (30 minutes) accompanied by an individual assignment (learning outcome 1, 2, 3, 4, 5, 6 and 7).

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Coursework	"Problem identification, analysis and recommendations for improvement (as per assessment 001) presented as an individual	0 hours	70%	No
Summative	Coursework	Group presentation based on analysis of a contemporary medicines supply chain issue.	0 hours	30%	Yes

Legacy Code (if applicable)

PH-7000D

Reading List

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