

Module Details	
Module Title	Management of Global Pharmaceutical Supply
Module Code	PHA7071-C
Academic Year	2021/2
Credits	30
School	School of Pharmacy and Medical Sciences
FHEQ Level	FHEQ Level 7

Contact Hours	
Type	Hours
Directed Study	269.5
Lectures	20
Tutorials	10
Practical Classes or Workshops	0.5

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

Module Aims
<p>1. On successful completion of this module, students will be able 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 and healthcare provision.</p> <p>2. Students will have a critical awareness of the pharmaceutical supply chain composition, stakeholders, and associated challenges to the safe delivery of medicines to patients.</p> <p>3. Students will be able to draw on their professional experience and knowledge of public health theory/practice to position the role of the pharmacist and the pharmaceutical supply chain in public health policy and promotion.</p>

## Outline Syllabus

Introduction to operations management/service operations management  
 Introduction to quality management  
 Fundamental principles of supply chain management  
 Public health and pharmacy  
 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

## Learning Outcomes

Outcome Number	Description
01	Critically review the design and composition of the pharmaceutical supply chain
02	Examine the concepts of operations and supply chain management as applied in the pharmaceutical supply chain in contemporary society
03	Examine associated healthcare theory and professional practice literature/theory as appropriate.
04	Apply supply chain concepts, frameworks, tools and techniques in addressing operational/management related issues within the pharmaceutical supply chain
05	Evaluate multiple sources of academic and professional information to comprehend fully the applicability of the subject matter (textbooks, journal articles, professional association publications, media clips, online resources etc).
06	Enhance your interpretative and analytical skills through tutorial sessions and formative and summative assessment.

## 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 1a, 1b, 1c, 3a and 3b). 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 1a, 1b, 1c, and 2b). Guest speakers will also be factored into the tutorial schedule, either directly presenting to students or via Skype link (learning outcome 2a and 2b). 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 2a, 2b, 3a and 3b). 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 2a, 2b and 3a).

The proposed assessment will be a group presentation (30 minutes) accompanied by an individual assignment (learning outcome 1a, 1b, 1c, 2a, 2b, 3a and 3b).

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Presentation	Group presentation based on analysis of a contemporary medicines supply chain issue (25 Mins)	30%
Summative	Coursework	Problem identification, analysis and recommendations for improvement presented as an individual assignment.	70%
Formative	Coursework	Feedback provided on draft assignment	N/A

Reading List
To access the reading list for this module, please visit <a href="https://bradford.rl.talis.com/index.html">https://bradford.rl.talis.com/index.html</a>

*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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