

MODULE DESCRIPTOR

Module Title

Evidence Based Therapeutics

Reference	PL2004	Version	1
Created	April 2022	SCQF Level	SCQF 8
Approved	June 2022	SCQF Points	30
Amended		ECTS Points	15

Aims of Module

To develop knowledge of what constitutes evidence base and how its applied in clinical practice.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Explain the concept of what evidence base is and how this informs the development of local and national guidelines.
- 2 Describe appropriate literature search strategies and critically appraise and analyse research articles for their validity and relevance to pharmacy practice.
- 3 Understand the role of ethics and statistics in conducting research studies.
- 4 Explain the differences between different study designs and their application to pharmacoepidemiology.

Indicative Module Content

Research methodology, Quantitative and qualitative methods, Health economics, pharmacoepidemiology, Preparing a literature review, Putting research into practice, Principles of research ethics, Antimicrobial Stewardship, Critical Appraisal of medical evidence, Guidelines and development, Introduction to epidemiology, Statistical methods in research, study designs.

Module Delivery

Lectures, coursework sessions (including individual and group problem solving exercises and tutorial sessions) and directed study (including computer packages, directed reading, and self-assessment exercises).

Indicative Student Workload	Full Time	Part Time
Contact Hours	70	N/A
Non-Contact Hours	230	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	N/A
Actual Placement hours for professional, statutory or regulatory body		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4
Description:	Production of an evidenced based guideline				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

A minimum of grade D or better is required to pass this module.

Module Grade	Minimum Requirements to achieve Module Grade:
A	When the grade for Component 1(CW1) is an A.
B	When the grade for Component 1(CW1) is an B.
C	When the grade for Component 1(CW1) is an C.
D	When the grade for Component 1(CW1) is an D.
E	When the grade for Component 1(CW1) is an E.
F	When the grade for Component 1(CW1) is an F.
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Successful completion of MPharm Stage 1 or equivalent.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

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