

Liverpool John Moores University

Title: Systematic Review
Status: Definitive
Code: **7016PUBHEA** (123914)
Version Start Date: 01-08-2021

Owning School/Faculty: Public Health Institute
Teaching School/Faculty: Public Health Institute

Team	Leader
Lisa Jones	Y

Academic Level: FHEQ7 **Credit Value:** 10 **Total Delivered Hours:** 20
Total Learning Hours: 100 **Private Study:** 80

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	10
Practical	10

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Proposal	2500 word illustrated report	100	

Aims

Through participation in this module students will gain the knowledge and skills necessary to undertake a rigorous systematic review.

Learning Outcomes

After completing the module the student should be able to:

- 1 Develop a protocol for, and effectively plan, a systematic review.
- 2 Identify and manage evidence for use in a systematic review.
- 3 Critically analyse methods and identify appropriate tools for appraising study quality in systematic reviews.
- 4 Critically evaluate methods used to synthesise different types of evidence and understand the principles for undertaking and interpreting meta-analysis

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Research proposal	1	2	3	4
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Outline Syllabus

What are systematic reviews?

- *Evidence based medicine and beyond*
- *Making sense of systematic reviews*

Developing a review question

- *Starting a systematic review*
- *PICO and other tools*

Finding studies for systematic review

- *Conducting a systematic literature search*
- *Reference management and screening*

Introduction to assessing study quality

Data extraction and introduction to evidence synthesis

Methods of evidence synthesis

- *Meta-analysis and methods for combining quantitative evidence*
- *Exploring other methods of evidence synthesis*

Learning Activities

Workshop and computer based practical sessions on developing the methods for systematic review. Broken lectures including Individual exercises, and small and large group discussions. VLE related support.

Notes

This module provides a complete guide and hands on approach to developing a research question and learning the methods and key processes involved in completing a systematic review. Systematic review is a cross cutting methodology which can be used in a variety of disciplines and through interdisciplinary collaboration. The module can be taken by anybody from any discipline who wants to increase their skill set in the methodology. The focus will be on application of the systematic review methods to a chosen field of investigation.

Information for Stand Alone/CPD Students

Mode and Duration: This module is delivered through classroom and online methods.

Benchmarks: The programme aligns to Public Health Training Curriculum (2010), Public Health Skills and Knowledge Framework (2013) and Public Health Outcomes Framework (2016) subject benchmarks and to level 7 descriptors of QAA Framework for higher education qualifications in England, Wales and Northern Ireland.

The Programme is assessed and runs in line with the Academic Framework <https://www.ljmu.ac.uk/about-us/public-information/academic-quality-and-regulations/academic-framework>

The programme includes Annual Monitoring and External Examining with student feedback under Quality Measures

The CPD is offered as a standalone award and as a module within MSc Public Health, MSc Public Health (Addictions) and MSc International Public Health

The approved intake month is September and the CPD programme code is 35784.

Admission criteria 'Any participant who does not have a first degree must satisfy the programme team of their ability to study at Master's level through presentation of a strong portfolio to demonstrate appropriate equivalent skills in the work place. For these applicants, individual assessments of their suitability for post graduate level study will be arranged and conducted by the programme team. The team may require evidence to be submitted as part of the assessment process e.g. a portfolio of written and other work; papers presented at conferences, publications; reports and research proposals

Student Support: as a student of Liverpool JMU you will be entitled to the same support as any other student in the university (Please refer to the Student Handbook for further information)