MD970-20 Research Methods in Clinical Education

22/23

Department
Warwick Medical School
Level
Taught Postgraduate Level
Module leader
Imogen Davies
Credit value
20
Module duration
9 weeks
Assessment
100% coursework
Study location
University of Warwick main campus, Coventry

Description

Introductory description

Module web page

Module aims

This module aims to ensure students have a critical understanding of research methodology appropriate to clinical education, including qualitative, quantitative, multi-/mixed methods and ethical considerations.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

Note: Order of some sessions may change
Day 1: Introduction to each other and the module; Writing research questions; Using quantitative methods to answer research questions

Day 2: Defining and measuring quality; Qualitative methods; Designing questionnaires
Day 3: Critical appraisal of qualitative research; time for students to re-think research questions and design for their assignment; Qualitative data analysis
Day 4: Ethical considerations; practical session on research methods (e.g. students will interview each other); discussion of mixed methods approaches; student debate
Day 5: Student presentations and formative feedback on their chosen research question and research design which they will critique for the assignment; optional academic skills e.g. literature search/library skills.

Learning outcomes

By the end of the module, students should be able to:

- Students will develop and practice skills in writing research questions and be able to critique different study designs and justify the best design for their research question. They will develop their ability to critique qualitative, quantitative and mixed methods and how to analyse data. They will also develop a practical understanding of ethical clinical education research.

Indicative reading list

Reading lists can be found in Talis

Subject specific skills

Sound understanding of subject
Critically evaluate
Reflection

Transferable skills

Numeracy
Thinking and problem solving
written communication
oral communication
Teamwork
Organisation & time management
Use of tools and technology
Commercial awareness
Independence and initiative
Adaptability/Flexibility

Study

Study time

Type	Required
Lectures	20 sessions of 1 hour (10%)
Private study	180 hours (90%)
Total	200 hours

Private study description

3 hours pre-course directed leaning plus 177 hours of self directed study over 8 weeks until submission of assignment

Costs

No further costs have been identified for this module.

Assessment

You must pass all assessment components to pass the module.

Students can register for this module without taking any assessment.

Assessment group A1

Assessment component	Weighting	Study time	Eligible for self-certification
Written Assignment	100%		Yes (extension)

Reassessment component is the same

Feedback on assessment

Written feedback will be provided to students within the approved University timeframe via appropriate WMS approved routes.\r\nThe Senior Tutor is able to provide assistance in writing for students whose first language is not English or who have been out of academia for a significant time.\r\n

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Availability

Courses

This module is Core for:

- Year 1 of TPCS-B9XD Masters in Medical Education