



# Research Methods Online For Healthcare Professionals

*This wholly online course will enable participants to develop a critical knowledge and understanding of the processes required for the successful planning and delivery of research.*

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# Research Methods

## For Healthcare Professionals

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This module has been specifically developed for busy professionals with an interest in research methods. The wholly online course allows engagement with the interactive materials around the participant's busy lifestyle. Throughout the course candidates will gain insight into the history and theory of research methodologies learning the differences between qualitative and quantitative data. Alongside this, students will learn how to design experiments including applying for ethical approval, how construct hypotheses, statistically analyse data and how to apply all of these methods into their own clinical practice.

The course is unique as the examples used are tailored specifically to the individual discipline including specific statistical methods. Students can also benefit from the opportunity to work together in a diverse community of learners, to learn with and from each other in specific discussion forums encouraging multidisciplinary communication. This fifteen-week online course will be highly interactive with audio-visual presentations; interactive discussion boards and data analysis exercises.

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### Unique Features:

- Data exercises and discussions tailored to specific discipline
- Statistics relevant to subject
- Deconstruction of research methodologies to fully comprehend their correct application
- Both quantitative and qualitative methods
- Lecturers with recognised experience and expertise
- Technology enhanced learning
- Podcasts and web based learning
- Interactive discussions forums
- Wholly online module

### Use of credits

Candidates who successfully complete the module will receive a transcript for 20 credits at level 7, and may choose to continue onto a taught PGC/PGD/MSc

### Theory:

- Introduction to the evidence base underpinning research methods
- Differences between qualitative and quantitative data
- Research Ethics
- Qualitative research including statistics
- Quantitative research including statistics
- Experimental design and Hypothesis testing
- Principles of writing

**Start Date:** September 2015

**Cost:** £695

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