

Postgraduate Courses in Health Research for Academic Foundation Trainees (West Yorkshire)

As an Academic Foundation Trainee in West Yorkshire part of your academic training requires you to undertake the Postgraduate Certificate in Health Research at the University of Leeds. The course provides a great opportunity to gain a comprehensive grounding in the health research skills that you will need to become a successful academic. Your registration on this course is funded by the Health Education England Foundation School who liaise directly with the University of Leeds; once your place is agreed the University will be reimbursed by HEE for the funding for this course, you should not be approached directly for funding. However, you do need to plan your registration around your other commitments, adhere to the advice given below and that of the University programme administration team and your local clinical department.

Postgraduate Certificate in Health Research

The Postgraduate Certificate in Health Research course runs twice yearly with start dates in either September or late January/early February. The time commitment is 15 days over a 5 month semester; either between Sept-Jan OR between Jan-May in 4 (or 3) day blocks. Please see page 3 of this document for an example of the course structure.

When can you study the Postgraduate Certificate in Health Research?

The Certificate is usually studied in your FY2 year of foundation training. The Foundation School will provide your contact details to the course administration team at the University of Leeds. You will receive an email from them over the summer inviting you to apply for either the September or February intake of the forthcoming academic year. If you haven't heard from them by the end of July please contact Lesley Patchett (contact details on page 2). It may be that the email address she has been given for you is no longer in use.

You can apply to study the certificate in your FY1 year only if your academic placement is in your first rotation in FY2. Early registration is not guaranteed and **must be agreed with the programme co-ordinator, Lesley Patchett.**

The University expects you to complete the certificate in the cohort with which you start. You are not at liberty to select modules which will take your study period over more than one cohort. This applies to both FY1 and FY2 trainees. However, the programme team acknowledge that you are juggling busy clinical schedules and recognise that a degree of flexibility is necessary; genuine requests for deferral of modules or missed days will be considered on a case by case basis. You will need to make your requests directly to the programme administration team.

What if you have previously studied some Health Research modules?

Some of you may have studied certain Health Research modules during your MBChB/intercalated/MRes programme. If this is the case you can apply for an

Advanced Certificate in Health Research which will allow you to take four diploma modules. For an example of the diploma structure see page 4 of this document. **Please contact Lesley Patchett, Programme Co-ordinator, for advice on the right module options for you.**

Study Leave

You should not have to take additional study leave to undertake these courses in your FY2 year. If you are planning to study in your FY1 year you must give careful consideration to the time commitment required, in addition to your clinical duties.

You MUST abide by the local study leave policy of your NHS Trust. These policies may differ between Trusts so please make sure you understand your leave entitlement and that it has been approved before applying for any postgraduate courses with the University.

Contacts:

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More information about the courses:

<https://courses.leeds.ac.uk/8455/health-research-pgcert>

<https://courses.leeds.ac.uk/8456/health-research-pgdip>

Postgraduate Certificate in Health Research

Example showing current course dates, times and content

9.15am – 4.30pm	Module title	Brief Guide to module
Tuesday to Friday 29 Jan - 01 Feb 2019	Getting started in health research MEDR5310M 1 15 credits at level M	Philosophy of research Turning general aims into answerable questions Developing a proposal and working in a research team Searching for information by electronic database Using the world-wide web for research Quantitative and qualitative research designs Critical appraisal of published research: introduction to guidelines for appraisal Writing a paper, dissertation or thesis Managing references: bibliographic databases How journals deal with papers they receive Dissemination of findings in the NHS Applying for R+ D and ethical approval, and grants
Tuesday to Friday 19 - 22 March 2019	Capturing and handling data in research MEDR5320M 2 15 credits at level M	Ethics of research Choosing subjects: sampling study populations Measuring symptoms, function and healthcare process Collecting data with questionnaires, Scales and tests: repeatability and validity (sensitivity, specificity and predictive value) Describing data: prevalence, incidence, standardization Recording and managing data: data entry and analysis Introduction to data analysis with the computer Descriptive statistics: types of data, summaries, distributions and measures of centrality and spread Describing data in tables, charts and figures Critical appraisal of published research: quantitative and qualitative
Monday to Thursday 08 - 11 April 2019	Analytic research MEDR5120M 3 15 credits at level M	Design and analysis of analytic studies: ecological, case-control, cohort studies Expressing research findings: risk ratio, odds ratio, hazard ratio Bias and confounding: sampling, controls, masking, restriction and matching Statistics of sampling and estimation (confidence intervals) Statistics of hypothesis tests (P values), significance Critical appraisal of published analytic studies
Tuesday to Friday 14 - 17 May 2019	Intervention research MEDR5130M 4 15 credits at level M	Planning and ethics of clinical trials Bias: sampling, allocation, concealment, masking, follow-up Statistical power An introduction to health economics Intention-to treat and explanatory analysis Introduction to systematic reviews, meta-analysis Search strategies: Cochrane and other databases Critical appraisal of published trials and overviews

Postgraduate Diploma in Health Research

Example showing current module dates and times

Informatics in Health Care

YCHI5010M - 15 credits at level M
Monday to Friday 1st to 5th October 2018

Applied Qualitative Health Research

MEDR5250M - 15 credits at level M
Tuesday to Friday 16th to 19th October 2018

Clinical Trials

MEDR5180M - 15 credits at level M
Fridays 16th, 23rd & 30th November AND 7th December 2018

Health Economics

MEDR5260M - 15 credits at level M
Monday to Thursday 11th to 14th March 2019

Systematic Reviews

MEDR5160M - 15 credits at level M
Tuesday to Friday 7th to 10th May 2019

Statistical Methods in Research

MEDR5145M - 15 credits at level M
Monday to Thursday 3rd to 6th June 2019