Introduction

Key fact
In the 2014 Research Excellence Framework the Faculty’s research environment was ranked joint first in the UK in the field.

Dean of Faculty: Professor Neil Johnson
Associate Dean for Postgraduate Studies: Dr Paul McKeen
Associate Dean for Research: Professor Roger Pickup

About the Faculty of Health and Medicine

The Faculty of Health and Medicine comprises Biomedical and Life Sciences, the Centre for Education, Training and Development (CETAD), Health Research, and Lancaster Medical School.

We provide a unique blend of biomedical, medical, and social science expertise, which underpins a portfolio of high quality, innovative and flexible postgraduate programmes. Our programmes provide opportunities for life scientists, social scientists, medically qualified graduates and professionals working in health and medicine to undertake postgraduate study at all stages of their career development.

During the last three years, the Faculty has attracted over £13m in research funding and has benefited from continued investment, including recently refurbished laboratories and equipment in Biomedical and Life Sciences and the Clinical Anatomy Learning Centre (Lancaster Medical School).

Research within the Faculty addresses fundamental issues in health and medicine, from curiosity-led investigations generating new knowledge and tools through to developing applied interventions of practical use in everyday life.

Major research topics include:

+ Ageing
+ Biostatistics and epidemiology
+ Cancer biology
+ Disability
+ End of life care
+ Health economics
+ Health inequalities
+ Medical education
+ Mental health
+ Neurodegenerative diseases
+ Microbiology
+ Parasitology

Members of the Faculty work collaboratively with colleagues carrying out related research across the University and also have strong external links with NHS partners, health-related industries, government, and the voluntary sector, as well as many multidisciplinary research collaborations worldwide.

The Faculty is undergoing rapid growth and continues to expand its research portfolio. Potential applicants for postgraduate study are therefore strongly advised to consult our website.

Dean of Faculty: Professor Neil Johnson
Associate Dean for Postgraduate Studies: Dr Paul McKeen
Associate Dean for Research: Professor Roger Pickup

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Fees

Tuition fees are payable for study at Lancaster University and the fee charged will depend on the course that you wish to study.

To find out how much your tuition fee will be, please refer to our online course search www.lancaster.ac.uk/masters

To help with study and living costs, Lancaster University offers postgraduate students a range of scholarships and bursaries. The UK government also provides a postgraduate loan scheme for eligible students undertaking Masters courses.

For more information about the funding opportunities available, please visit www.lancaster.ac.uk/pgfunding

For more information please visit www.lancaster.ac.uk/fhm
Research carried out by Biomedical and Life Sciences is of a world-class standard. Postgraduate students benefit from links with NHS Trusts and the Division receives financial support from a broad range of grant-awarding bodies including UK Research Councils, the European Commission, charities and industry.

Research within Biomedical and Life Sciences focuses on the study of molecular and cellular aspects of human health and disease, using a range of biochemical and cellular approaches to complement studies in model organisms and human cell culture systems.

Research areas

**Aging and Neurodegenerative Disease**
Progressive degeneration of the nervous system features in many human diseases and can be characterised by impaired movement or cognition. Our research into the underlying processes of healthy ageing is complemented by studying those that lead to brain dysfunction and degeneration in conditions such as Alzheimer’s disease, Parkinson’s disease and Motor Neurone disease. We also research biochemical and structural techniques to understand cellular function at its fundamental level, particularly: corneal stem cell therapies, proteoglycan structure and function, the developmental genetics of Drosophila, and ex vivo human gut tissue modelling.

**Cancer and DNA Damage**
Our research investigates aspects of the molecular and cellular biology of cancer including: cellular effects of exposure to carcinogens and ultraviolet light, DNA repair mechanisms, cell cycle control, and the molecular events behind leukaemia, and prostate and colorectal cancers.

**Parasitology and Microbiology**
Our research seeks to develop a better understanding of the cell biology of protozoan parasites and yeast, applicable not only to medical parasitology, but also exploring micro-organisms as models for understanding human cellular function. We also undertake research into viruses as well as prokaryotic and other eukaryotic micro-organisms.

Applications are welcomed for PhD and MPhil degrees in any of our main research areas.

Postgraduate research students are directly involved in the mainstream research of the Faculty. In addition to receiving specialised training relevant to your research topic and methodology you will be encouraged to take part in the graduate training programme. This programme offers a range of more generic courses such as teaching skills, statistical methods, computing and languages. You will also be encouraged to attend and present lectures and posters at conferences externally and within the Faculty.

The degree is examined by submission of a thesis (max 80,000 words) and a viva voce examination.

Research degrees

**Biomedical and Life Sciences MPhil/PhD**

**Overview**
Applications are welcomed for PhD and MPhil degrees in any of our main research areas.

Postgraduate research students are directly involved in the mainstream research of the Faculty. In addition to receiving specialised training relevant to your research topic and methodology you will be encouraged to take part in the graduate training programme. This programme offers a range of more generic courses such as teaching skills, statistical methods, computing and languages. You will also be encouraged to attend and present lectures and posters at conferences externally and within the Faculty.

The degree is examined by submission of a thesis (max 80,000 words) and a viva voce examination.

**Entry requirements**
A 2:1 honours degree, or its equivalent, in an appropriate subject

**Assessment**
Original research thesis and viva voce examination

**Contact us**

**Head of Division**
Professor Paul Bates

**Postgraduate enquiries**
Programmes Administrator
Dawn McCracken
+44 (0)1524 593936
fhm-pg-admissions@lancaster.ac.uk

www.lancaster.ac.uk/bls
Biomedical and Life Sciences

**Research degrees**

**Biomedical Science MSc (Research)**

**Overview**
This degree enables you to gain in-depth knowledge of a particular area of biomedical research while becoming familiar with general and specific research methods and laboratory practice.

The degree format includes nine months of full-time laboratory work as part of an established research group, direct learning of research methods through the graduate training programme, and a three month writing up period, in which you will produce a dissertation. Your dissertation (which is examined by a viva voce) is the means by which the degree is assessed.

**Director of Studies**
Dr Ed Parkin

**Duration**
12 months, full-time; 24 months, part-time

**Entry requirements**
A 2:1 honours degree, or its equivalent, in Biology, Biochemistry, Molecular Biology or a related subject. Undergraduate MBChB students intercalating between 4th and 5th years of study require a top quartile outcome in MBChB finals. Applicants with a 2:2 honours degree will be considered on an individual basis.

**Assessment**
Original research thesis and viva voce examination

**Biomedicine MD**

**Overview**
The Doctor of Medicine degree scheme provides opportunities for clinically qualified candidates to undertake a two-year Doctoral level research project at Lancaster.

Our links with the Lancaster Medical School and many NHS trusts provide a wide range of opportunities for medically related research. You will be supervised by a clinical supervisor and a member of academic staff in Biomedical and Life Sciences or the Medical School.

**Director of Studies**
Dr Ed Parkin

**Duration**
24 months, full-time

**Entry requirements**
Applicants must (i) hold a medical or dental qualification recognised by the UK General Medical/ Dental Council, (ii) must have held this qualification for at least three years by the date of submission, and (iii) must be employed during their period of registration in appropriate clinical or scientific work in hospitals or institutions (associated with the University) within the local NHS region.

**Assessment**
Original research thesis and viva voce examination

**Biomedicine MSc**

**Overview**
The MSc in Biomedicine provides you with the opportunity to acquire a greater understanding of practical and theoretical biomedical science at a leading university in this field.

The course provides the knowledge and skills required for subsequent progression to PhD study, a career in biomedical/pharmaceutical research (industry or university-based) or hospital-based employment. Our scheme provides focus on, and training within, several ‘hot’ topics in biomedicine, while still retaining elements of flexibility and choice.

**Modules**
- Core
  - Fundamental Research Skills
  - Supervised Research Project (six months)
- Optional
  - Biomedicine in Context
  - Diseases of the Brain
  - Drug Development (from concept to clinic)
  - Essential Tools for Clinical Research
  - Microbes and Disease
  - Models of Disease
  - Molecular Basis of Cancer

**Director of Studies**
Dr Nigel Fullwood

**Duration**
12 months, full-time; 24 months, part-time

**Entry requirements**
Ideally a 2:1 honours degree or above, or its equivalent, in an appropriate subject. Applicants with a 2:2 honours degree will be considered on an individual basis.

For more information please visit [www.lancaster.ac.uk/fhm](http://www.lancaster.ac.uk/fhm)
CETAD is a centre for excellence in work-based learning offering a new model of higher education with an approach designed to meet the needs of work-based learners.

Our programmes are designed to focus on enabling you to learn for work, learn from work, and to learn in a way and at times that are flexible and responsive to your work context. A number of our courses blend online learning with face-to-face teaching, while others are delivered fully online.

Being part of Lancaster University ensures that our approach has rigor, uniting theory with practice. You will be introduced to new concepts, models of best practice and the most current thinking and be supported to transfer this learning into your work and professional practice.

Working with individuals, teams, organisations and businesses, we are known for:

A personalised, flexible, negotiated approach
No ‘one size fits all’! Our starting point is you; your needs, experience, objectives and aspirations. From here we work with you to shape your course. We take account of prior learning, respecting and valuing the learning that comes through experience. We excel at supporting those who may not have studied for some time. Our flexible qualification frameworks allow us to design highly bespoke courses leading to university qualifications.

Facilitating learning
We pay equal attention to both the process of learning and the subject matter, empowering individuals to manage their own learning. We place emphasis on sustainable learning so that individuals and organisations can continue to learn and manage change. Broader and deeper than ‘training’ we develop the high-level knowledge and skills in learning, research, critical analysis and personal effectiveness needed to manage complexity and change.

Relevance
Our courses are practical, relevant and useful, as well as academically rigorous; our staff have both academic and practitioner experience. Work-based learning recognises that professionals seek solutions to problems from a range of different fields and we focus on the ‘trans-disciplinary’ learning which is relevant for you and your work context. Rather than producing essays or dissertations, your learning will be based around real work activities and projects.

Working in partnership
We work in partnership with learners and employers, valuing your expertise as well as sharing ours. You will find us genuinely collaborative, supportive and ‘learner-centred’. We will work with you to understand and shape your objectives, taking account of any challenges and constraints to co-design learning courses to meet specific outcomes.

Making a difference
Our distinctive approach is built around practice and action, informed by theory into the other way round. We align professional development for individuals to the business needs of organisations. You will develop your professional standing and your organisation will see the results in terms of your performance, improvements to practice and organisational performance.

Contact us
Head of Division
Jane O’Brien
Postgraduate enquiries
+44 (0)1524 593318
cetad@lancaster.ac.uk
www.lancaster.ac.uk/cetad

Taught programmes
- Innovation and Improvement Science MSc/PgDip/PgCert
- Leadership and Management PgCert
- Leadership and Management (Health Care) PgCert
- Medical Leadership MSc/PgDip/PgCert
- Organisation Development PgCert
- Professional Development PgCert
- Professional Practice MSc/MA/PgDip/PgCert
Centre for Education, Training and Development (CETAD)

Taught programmes

### Innovation and Improvement Science MSc/PgDip/PgCert

<table>
<thead>
<tr>
<th>Overview</th>
<th>Modules</th>
</tr>
</thead>
</table>
| This course allows you to explore how to make better use of research and innovation to improve ways in which healthcare is organised and delivered for patient benefit. It is a work-based course, requiring you to identify and implement service improvement projects in your own work context. The course is designed to focus on key concepts: | + Evidence-based Improvement Science  
+ Personal Learning and Development  
+ Plus optional modules and projects  
The MSc includes  
+ Work-based enquiry methods for investigating innovations and improvement projects  
+ Work-based healthcare innovation and improvement projects, varying in size and scope depending on the target award |

<table>
<thead>
<tr>
<th>Director of Studies</th>
<th>Jan Metcalf</th>
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<tbody>
<tr>
<td>Duration</td>
<td>The duration of this part-time course is flexible as it is offered on a modular basis</td>
</tr>
<tr>
<td>Entry requirements</td>
<td>Applicants working in a health care context. Usually three years’ work experience (clinical or nonclinical), which allows for the scope to undertake innovation and improvement projects. All applications require employer/stakeholder support. For the PgDip/MSc a PgCert in Innovation and Improvement Science is required. You may also make a claim (APL) to gain credits for exemption from some modules</td>
</tr>
</tbody>
</table>

| Assessment         | Coursework, including learning contracts, project proposals, reports, reflective commentary, and oral presentation |

### Leadership and Management PgCert

<table>
<thead>
<tr>
<th>Overview</th>
<th>Modules</th>
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</table>
| This course is for those who wish to develop their leadership and management skills and is endorsed by the Institute of Leadership and Management. It will enhance your understanding of concepts related to leadership and management and increase your ability to apply this knowledge to real work issues. Progression routes to Postgraduate Diploma and Masters Degree are available via the Professional Practice route. | + Personal Learning and Development  
+ Understanding Leadership and Management  
+ Plus four optional modules |

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<thead>
<tr>
<th>Director of Studies</th>
<th>Paulette Liptrot</th>
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<tr>
<td>Entry requirements</td>
<td>Applicants should be in roles with leadership and management responsibilities working in a health care context with usually at least three years’ work experience. You may also make a claim (APL) to gain credits for exemption from some modules</td>
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</table>

| Assessment         | Coursework, including learning contracts, project proposals, reports, reflective commentary, and oral presentation |

### Leadership and Management (Health Care) PgCert

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<thead>
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<th>Modules</th>
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</table>
| This course is for those who wish to develop their leadership and management skills in a health care context and is endorsed by the Institute of Leadership and Management. It will enhance your understanding of concepts related to leadership and management and increase your ability to apply this knowledge to real work issues. Progression routes to Postgraduate Diploma and Masters Degree are available via the Professional Practice route. | + Personal Learning and Development  
+ Understanding Leadership and Management  
+ Plus four optional modules |

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<td>Entry requirements</td>
<td>Applicants should be in roles with leadership and management responsibilities working in a health care context with usually at least three years’ work experience. You may also make a claim (APL) to gain credits for exemption from some modules</td>
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| Assessment         | Coursework, including learning contracts, project proposals, reports, reflective commentary, and oral presentation |
Overview

This course is for doctors at any stage of their careers who are interested in enhancing the effectiveness of organisational performance. The course provides opportunity for those involved in the practice of Organisation Development to gain professional recognition for their role and contribution to organisation performance. The course draws on knowledge from:

- Disciplines of organisation cultures, values and behaviours
- Organisation change and improvement science
- Leadership and management
- Systems thinking

The focus is on providing you with opportunities to apply knowledge and skills into your own workplace practice.

Progression routes to Postgraduate Diploma and Masters Degree are available via the Professional Practice route.

Modules

- Personal Learning and Development
- Understanding Organisation Development
- Work-based Project
- Two optional modules

The MSc includes:

- Further development of your knowledge and skills
- Undertaking real work-based medical leadership projects

Assessment

Coursework, including learning contracts, project proposals, reports, reflective commentary, and oral presentation

Taught programmes

Medical Leadership MSc/PgDip/PgCert

Overview

This course is for doctors at any stage of their careers who are interested in developing and proving their commitment to:

- Improving patient experience and service delivery
- Demonstrating caring, compassionate, authentic leadership
- Developing leadership capacity to achieve medical and organisational impact

The course is designed to develop your knowledge, understanding and skills in line with the Medical Leadership Competency Framework.

Modules

- Personal Learning and Development
- The Role of Doctors in the Health Service Improvement
- Understanding Leadership and Management
- Plus optional modules and projects

The MSc includes:

- Further development of your knowledge and skills
- Undertaking real work-based medical leadership projects

Director of Studies

Paulette Liptrot (PgCert), Debbie Simpson (MSc/PgDip)

Duration

The duration of this part-time course is flexible as it is offered on a modular basis. You can choose to study modules on this programme either as blended online learning with face-to-face learning, or fully online

Entry requirements

Qualified doctors holding an MBChB or equivalent. For the PgDip/MSc a PgCert in Medical Leadership, or equivalent, is required. You may also make a claim (APL) to gain credits for exemption from some modules

Assessment

Coursework, including learning contracts, project proposals, reports, reflective commentary, and oral presentation

Professional Development

Organisation Development PgCert

Overview

This course enables you to choose optional modules in line with your professional development needs in subjects such as:

- Leadership and management
- Change management
- Learning and development
- Personal effectiveness

You can start with one module and return later to build it into a qualification, or enrol for the qualification at the outset. The ‘step-on, step-off’ nature means you can pace your study to suit your own work/life balance.

Progression routes to Postgraduate Diploma and Masters Degree are available via the Professional Practice route.

Modules

- Personal Learning and Development
- Plus optional modules

Director of Studies

Paulette Liptrot

Duration

The duration of this part-time course is flexible as it is offered on a modular basis

Entry requirements

Demonstration that the modules chosen meet the individual’s needs and the needs of their organisation. You may also make a claim (APL) to gain credits for exemption from some modules

Assessment

Assessments are based on applying your learning to work-based activities so they are highly relevant and useful, and there are no exams

Professional Practice MSc/MA/PgDip/PgCert

Overview

Our Professional Practice courses provide a flexible, bespoke work-based route to a postgraduate qualification.

All courses have as their main focus a work-based project supported by your own personal learning and development. You will benefit from a highly relevant, customised course which also delivers outcomes for your organisation.

The key course components allow for high levels of customisation, choice and negotiation. You negotiate your programme pathway, timescales, target award and award title.

Modules

- Programme Negotiation or Personal Learning and Development
- Plus optional modules and projects

Director of Studies

Debbie Simpson

Duration

The duration of this part-time course is flexible as it is offered on a modular basis

Entry requirements

Applicants should usually have at least three years’ experience in a role which allows for the scope to undertake postgraduate work-based projects. All applicants require employer/stakeholder support. You may also make a claim (APL) to gain credits for exemption from some modules

Assessment

Coursework, including learning contracts, project proposals, reports, reflective commentary, and oral presentation
The Division of Health Research (DHR) conducts, represents and promotes health-related research at Lancaster University and works closely with external individuals and organisations involved in health research, development and implementation.

The Division exists to conduct high quality health-related research and to deliver excellent health-related teaching programmes at Lancaster. In the most recent Research Excellence Framework Assessment Exercise (2014) much of the Division’s research was rated as being of international standing, with its research environment rated as one of the best in the country. DHR brings together over 100 academic and research staff whose research covers one or more of the following broad areas: ageing, palliative and end of life care, mental health, organisational health and well-being, public health, health equity, disability studies and health economics.

Our staff are committed to undertaking a wide range of scholarly, research and education activities that generate new knowledge, services, therapies and products in order to meet society’s current and future needs. Our expertise and contribution lies specifically around improved health, well-being and safety for individuals, and enhancing the skills of a wide range of people, both by and professional, in providing services to the wider environment. This leads more broadly to enhanced human capital either for individuals and/or organisations and services in the public and private sector.

Close links exist with other university departments in addressing areas of health research, including: Sociology; Lancaster Environment Centre; Psychology; Linguistics; Management Science; Organisation, Work and Technology; and the Centre for Gender and Women’s Studies.

Staff are involved in a number of external activities, with professional bodies, relevant charities or social enterprises, for example. The importance of creating impact through our research is recognised and staff have been involved in developing national policy guidelines, innovative thinking in methodological approaches and internationally recognised information centres.

Our approach to our educational provision is one which is underpinned by a commitment to both innovation and quality. The Doctorate in Clinical Psychology is an approved and accredited postdoctoral programme, with very high levels of training excellence. The Blended Learning PhDs have been very successful in terms of student recruitment – going from an intake of 10 to over 250 in five years – and have received a number of commendations on their innovative blend of distance learning and face-to-face teaching. The traditional PhD by research route continues to attract excellent students who are supervised by our experienced staff – many of whom are world leaders in terms of their expertise.

Applications are welcomed for PhD study, full-time or part-time, in any of our main research areas. As a research student, you will be directly involved in the mainstream research of the Division of Health Research. You will receive specialised supervision and research training relevant to your research topic and methodology. You will be encouraged to take part in a range of more generic courses such as teaching skills, statistical methods and data analysis. You will also be encouraged to attend and present at conferences both within the UK and overseas; recent students have attended conferences in the USA and Australia as well as mainland Europe.

**Research degrees**

- Health Research PhD

**Professional doctorates**

- Clinical Psychology (DClinPsy) Doctorate

**PhD programmes (blended learning)**

- Ageing PhD
- Dementia Studies PhD
- Health Economics and Policy PhD
- Mental Health PhD
- Organisational Health and Well-Being PhD
- Palliative Care PhD
- Public Health PhD

**Taught programmes (blended learning)**

- Ageing MSc
- Health Economics and Policy MSc

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**PhD research degrees**

**Health Research PhD**

**Overview**

Applications are welcomed for PhD study, full-time or part-time, in any of our main research areas. As a research student, you will be directly involved in the mainstream research of the Division of Health Research. You will receive specialised supervision and research training relevant to your research topic and methodology. You will be encouraged to take part in a range of more generic courses such as teaching skills, statistical methods and data analysis. You will also be encouraged to attend and present at conferences both within the UK and overseas; recent students have attended conferences in the USA and Australia as well as mainland Europe.

**Entry requirements**

Applicants should hold the minimum of a 2:1 honours degree, or its equivalent, in an appropriate subject.

**Assessment**

Research training modules (if appropriate). Original research and PhD thesis

**Contact us**

**Head of Division**
Professor Bruce Hollingsworth

**Postgraduate enquiries**
Director of Education
Dr Jane Simpson
+44 (0)1524 593936
fhm-pg-admissions@lancaster.ac.uk

**DClinPsy enquiries**
Admissions Officer
Dr Anna Daiches
+44 (0)1524 594406
dclinpsyadmissions@lancaster.ac.uk

www.lancaster.ac.uk/fhm/dhr
Health Research

Professional doctorates

Doctorate in Clinical Psychology  DClinPsy

Overview

The aim in training is to strike a balance between the interests of the individual trainee, formal professional training requirements, academic requirements appropriate for a doctoral level qualification, and the broader and developing needs of a clinical psychologist within the National Health Service.

Placements, academic assignments and detailed research supervision are spread across the three years of training and these provide an excellent grounding for individual development. Support is extensive across all aspects of the programme, with innovative placements, a strong publication culture and the opportunity to be involved in all parts of the programme’s development being some of the outstanding features of this training experience.

Programme Director
Professor Bill Sellwood

Entry requirements
36 months, part-time
A first degree in Psychology, or an equivalent qualification which confers eligibility for Graduate Basis for Chartership (GBC) from the British Psychological Society (at time of application). Applicants must do well in ability tests before being invited to interview.

Assessment
Clinical competence, clinical skills assessments, professional issues assignments, systematic literature review, service-related project and thesis. The assessments for the programme are currently under review; please consult our website for the latest information.

Further information
www.lancaster.ac.uk/dclinspsy

"We strive to offer an excellent training and educational experience for all our students. We respond to individual student needs wherever possible and we are proud of the positive feedback our students give us."

Dr. Jane Simpson
(Director of Education)

Health Research

Blended learning

In addition to traditional UK style teaching and research, we offer a number of PhD and MSc programmes via blended learning which offer an innovative blend of face-to-face and distance learning approaches.

These blended learning PhD programmes, which are international in focus and not restricted to any one professional group or discipline, comprise two years of taught modules, delivered predominantly by distance e-learning, alongside one residential per year at Lancaster University. Years three to five are spent undertaking a research project and thesis (35,000 words) at your own location, with supervision from Lancaster.

PhD programmes (blended learning)

Ageing PhD

Overview

This part-time programme offers a flexible approach to your study due to its innovative blend of face-to-face and distance learning approaches. The curriculum provides opportunities to gain a deeper and more critical insight into ageing theory and the practices relating to the care of older people from academics who are internationally recognised in this field. Additionally, it will provide you with the opportunity to enhance your leadership skills and develop advanced skills in research design, practice and dissemination. There is a residential academy each year where you can meet with other students and tutors on the programme. The rest of the course is taught online.

The course will appeal if you are in the UK or based in an international setting.

Director of Studies
Dr. Jane Simpson

Duration
4-7 years, part-time

Entry requirements
A 2:1 honours degree, in a relevant subject

Assessment
Written assignments and thesis

Dementia Studies PhD

Overview

This part-time programme offers a flexible approach to your study due to its innovative blend of face-to-face and distance learning approaches. The curriculum provides opportunities to gain a deeper and more critical insight into dementia theory and practice from academics who are internationally recognised in this field. Additionally, it will provide you with the opportunity to enhance your leadership skills and develop advanced skills in research design, practice and dissemination. There is a residential academy each year where you can meet with other students and tutors on the programme. The rest of the course is taught online. The course will appeal if you are in the UK or based in an international setting.

Director of Studies
Dr. Jane Simpson

Duration
4-7 years, part-time

Entry requirements
A 2:1 honours degree, in a relevant subject

Assessment
Written assignments and thesis
### PhD programmes (blended learning)

#### Health Economics and Policy PhD

**Overview**
The PhD in Health Economics and Policy provides opportunities to gain a deeper and more critical insight into health economics theory, research and practice, whether they are based within healthcare settings, industry, international organisations, local government, education, research, or management. This programme will meet your needs if you wish to enhance your research skills, develop your understanding of theory, policy and practice, and make an original contribution to knowledge development within your field, while at the same time fulfilling your existing responsibilities. The programme is offered part-time and via blended/distance e-learning and is accessible if you are in the UK or based in an international setting.

<table>
<thead>
<tr>
<th>Director of Studies</th>
<th>Dr Sean Hughes (Years 1 and 2), Dr Mark Limmer (Years 3+)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>48-84 months, part-time</td>
</tr>
<tr>
<td>Entry requirements</td>
<td>A 2:1 honours degree, or its equivalent, in Economics, or other relevant discipline with a significant quantitative content such as Statistics, Pharmacy, Medicine and Management</td>
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<tr>
<td>Assessment</td>
<td>Combination of taught modules, original research and thesis</td>
</tr>
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#### Mental Health PhD

**Overview**
The PhD in Mental Health provides opportunities for professionals working within the field of mental health, in the UK and internationally, to gain a deeper and more critical insight into their practice, whether they are based within healthcare settings, local government, education, research or management. This programme meets the needs of mental health professionals wishing to enhance their research skills, develop their understanding of theory, policy and practice, and make an original contribution to knowledge development within their field, while at the same time fulfilling their existing responsibilities. The specialist taught modules include both the theory and practice of mental health (psychological models of psychological disorders, evidence-based interventions and current priorities for mental health).

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Duration</td>
<td>48-84 months, part-time</td>
</tr>
<tr>
<td>Entry requirements</td>
<td>A 2:1 honours degree, in an appropriate subject, and relevant work experience</td>
</tr>
<tr>
<td>Assessment</td>
<td>Combination of taught modules, original research and thesis</td>
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#### Organisational Health and Well-Being PhD

**Overview**
The PhD in Organisational Health and Well-Being is suited to individuals currently working, or aspiring to work, in the area of organisational health and well-being, health and safety and occupational health. The programme develops knowledge and understanding of the psychological, social and organisational aspects of the dynamic relationship between work and health. It is aimed at individuals working across public, private and voluntary sectors interested in the promotion and creation of healthy work places including: human resource managers, occupational health practitioners, health care workers, health and safety representatives, and applied organisational psychologists. The specialist taught modules address the interaction between the work environment and health, organisational change and development.

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#### Palliative Care PhD

**Overview**
The PhD in Palliative Care provides opportunities for people working in palliative, hospice and end of life care, in the UK and internationally, to undertake advanced study. This programme meets the needs of palliative care professionals wishing to enhance their research skills, develop their critical understanding of policy and practice, improve their scholarship, and make an original contribution to knowledge development within their field, while at the same time fulfilling their existing responsibilities. The specialist taught modules develop an understanding of the development of end of life services and movements in different settings and cultures around the world; the models of care that have been adopted; and the issues involved in assessing the impact of these – individually, socially and societally.

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<th>Director of Studies</th>
<th>Dr Sean Hughes (Years 1 and 2), Professor Katherine Froggatt (Years 3+)</th>
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Health Research

PhD programmes (blended learning)

Public Health PhD

Overview
The PhD in Public Health provides opportunities for professionals working within the field of public health, in the UK and internationally, to gain a deeper and more critical insight into their practice, whether they are based within healthcare settings, within local government, education, research or management.
This programme meets the needs of public health professionals wishing to enhance their research skills, develop their understanding of policy and practice, and make an original contribution to knowledge development within their field, while at the same time fulfilling their existing responsibilities.
The specialist taught modules include both the theory and practice of public health (health protection, health promotion and policy).

Director of Studies
Dr Sean Hughes and Professor Katherine Froggatt

Duration
48-84 months, part-time

Entry requirements
A 2:1 honours degree or good Masters degree, in an appropriate subject, and relevant work experience

Assessment
Combination of taught modules, original research and thesis

Health Economics and Policy MSc

Overview
The MSc in Health Economics and Policy provides opportunities to gain a deeper and more critical insight into this area of knowledge. The programme is offered part-time via blended e-learning and an annual autumn Academy held in Lancaster.
The programme aims to promote advanced knowledge and a critical understanding of theory, research, policy and practice in health economics and policy. It also intends to provide an opportunity if you are seeking to enhance your academic knowledge of the discipline and be better qualified to successfully apply for positions in the public sector or pharmaceutical companies, if desired.

Modules
+ Applied Health Economics
+ Data Analysis
+ Dissertation
+ Health Economics: Principles and Practice
+ Systematic Approaches to Literature Review and Evidence Synthesis

Director of Studies
Dr. Céu Mateus

Duration
2 years, part-time

Entry requirements
A 2:1 honours degree, in a relevant subject

Assessment
Written assignments and thesis

For more information please visit www.lancaster.ac.uk/fhm
Lancaster Medical School

Research areas
Biostatistics and Epidemiology
CHICAS (Combining Health Information, Computation and Statistics) is an internationally-regarded research group in biostatistics and epidemiology, particularly in geostatistical modelling and analytical methods. Our current research topics include: spatial and longitudinal data analysis, environmental and tropical disease epidemiology and e-health research.

Medical Sciences
Our research interests focus on cancer, genome stability, and musculoskeletal disease. Using our excellent faculty-wide facilities we are able to carry out research in a wide range of subjects in these research fields.

Social and Ethical Aspects of Health and Medicine
Our research focuses on the cultures of healthcare work and patient safety. Methodologically, we specialise in ethnography, documentary analysis, focus groups, and interviews on sensitive subjects with hidden populations.

Medical Education
Our research interests include: quality assurance in medical education, professionalism in medicine, innovation in medical education and admissions, public health and medical education, and medical education e-learning.

Research degrees

Medicine PhD
A wide variety of medical and clinically applied research projects can be undertaken with the Lancaster Medical School. We offer a range of opportunities for advanced postgraduate study with experienced supervisors in areas including: social studies of science and technology in clinical practice; qualitative methods in health research; cellular responses to DNA damage; musculoskeletal medicine, medical ethics, and medical education.

Director of Studies
Dr. Thomas Keegan

Entry requirements
A 2:1 honours degree, or its equivalent, in an appropriate subject and an interest in pursuing medical research at advanced level.

Assessment
Original research and thesis

Contact us
Head of School
Dr Rachel Iles

Postgraduate enquiries
Director of Postgraduate Research
Dr Thomas Keegan
Director of Postgraduate Taught Programmes
Dr Liz Brewster
+44 (0)1524 593936
fhm-pg-admissions@lancaster.ac.uk
www.lancaster.ac.uk/lms

Taught programmes

Clinical Research MSc/PgDip/PgCert
Medical Education MSc/PgDip/PgCert

Research degrees

+ Medicine PhD
+ Statistics and Epidemiology PhD
+ Medicine MD
+ Global Health: translation and quantitative skills MRes
+ Medical Sciences (by Research) MSc

For more information please visit www.lancaster.ac.uk/fhm
Research degrees

Statistics and Epidemiology PhD

Overview
The Centre for Health Informatics, Computing, and Statistics (CHICAS) at Lancaster University conducts research on the development of novel statistical and epidemiological methods and their applications. The methodological strengths of staff are in spatial statistics and longitudinal data analysis. The applied research spans a wide range of clinical settings both in the UK and internationally with collaborations in Europe, Africa, North and South America.

Director of Studies
Professor Peter Diggle

Entry requirements
At least a 2:1 honours degree or its equivalent, with a substantial statistical and/or epidemiological component

Assessment
Original research and thesis

Medicine MD

Overview
The Doctor of Medicine degree scheme provides opportunities for clinically-qualified candidates to undertake a two-year, full-time Doctoral level research project at Lancaster (or part-time pro-rata). Our links with many NHS trusts provide a wide range of opportunities for medically related research. You will be supervised by a clinical supervisor and a member of academic staff in Biomedical and Life Sciences or the Medical School.

Director of Studies
Dr Thomas Keegan

Duration
24 months, full-time

Entry requirements
Applications must (i) hold a medical or dental qualification recognised by the UK General Medical/Dental Council, (ii) have held this qualification for at least three years by the date of submission, and (iii) must be employed during their period of registration in appropriate clinical or scientific work in hospitals or institutions (associated with the University) within the local NHS region.

Assessment
Original research and thesis, viva voce

Global Health: translational and quantitative skills MRes

Overview
With emphasis in advanced quantitative methods, the MRes in Global Health: translational research and quantitative skills is designed to develop your multi-disciplinary knowledge and skills relevant to translational research for global health.

The degree will give you high-level introductions to key considerations in translational research for global health and to the various contributing methodological approaches. You will receive core training in statistics, quantitative research methods, foundations of biology and computer programming with R. Options will also be available in subjects such as geospatial data technology, geostatistical and infectious disease models and health economics. The programme is delivered through a mixture of lectures, seminars and practical workshops.

Throughout the year you will have the opportunity to work on a series of three individual projects, each of about 10,000 words. One project could be undertaken with one of our overseas partners in countries such as Malawi or Ghana.

Director of Studies
Professor Peter Diggle

Duration
12 months, full-time; 24 months, part-time

Entry requirements
At least a 2:1 honours degree and/or a good pass at Masters level, or equivalent, in a relevant discipline or relevant work experience in governmental, non-governmental or industry organisations.

Assessment
Coursework including essays and reports, research project reports, practical exercises and an exam

Medical Sciences (by Research) MSc

Overview
During the MSc (Research) you will undertake a nine-month research project, with a three-month write-up of your dissertation.

During the course of your year of research we will train you in how to design, conduct, analyse and write up a medical sciences-related research project. You will be supervised by an academic staff member, and could involve partners from a local NHS trust. You will learn to design, conduct and report independent and original research, to critically evaluate relevant literature, to develop problem-solving skills, to analyse research data, to communicate the results of research, to understand scholarly conventions in the discipline area, and to have respect for intellectual integrity and the ethics of research.

Recent projects include:
- The role of osteoarthritic cytokines in ochronotic arthropathy
- Localisation of the stem cell population in the cornea
- Ethical decision making in organ donation
- How do students’ social networks evolve during their time at medical school?

Previous graduates have presented their work at international academic conferences and had their work published in leading academic journals.

Director of Studies
Dr Thomas Keegan

Duration
12 months, full-time; 24 months, part-time

Entry requirements
Applicants must hold a 2:1 honours degree, or its equivalent, in a relevant subject area. Candidates with a 2:2 honours degree may be invited to interview to assess suitability.

Assessment
Original research and thesis
Lancaster Medical School

Taught programmes

Clinical Research MSc

Overview
The MSc in Clinical Research is an in-depth training programme which builds on the introduction to clinical research in the PgCert and the training in evidence-based medicine and specialist skills gained in the PgDip. The programme provides an introduction to clinical research and applied methodological skills and enables you to translate research into practice. It can be taken as a one, two or three year programme. The programmes are delivered by face-to-face teaching and via online learning, which is supported by online resources.

You will develop and undertake a research project designed, delivered and submitted as a dissertation. This project is undertaken in your own professional context, under academic supervision.

Modules
Core
- Life Cycle of Clinical Research
- Methodological Foundations
- Practice-based Dissertation
- Translating Research into Healthcare Policy and Practice

Optional
- Evidence-based Improvement Science
- Quality Improvement and Measurement
- Drug Development (from concept to clinic)
- Philosophy of Research
- Infectious Disease Modelling
- Spatial Statistics
- Secondary Data Analysis

Directories of Studies
Dr Liz Brewster

Duration
12 months, full-time; 24 or 36 months, part-time

Entry requirements
At least a 2:1 honours degree in a relevant subject. Applicants with relevant professional experience and without a first degree should contact the Director of Studies.

Assessment
Coursework, including reports, research proposals, critical appraisals and oral presentations and a practice-based dissertation.

Clinical Research PgDip/PgCert

Overview
This programme introduces the key principles, methods and techniques used in clinical research in modern health service settings. It will equip you with the essential skills required to effectively support healthcare research innovation.

These programmes are designed to cover the practicalities of conducting research as well as its theoretical basis. You will:
- Design research studies
- Demonstrate understanding of operational, ethical and legislative frameworks for the management and governance of clinical research

The programmes are delivered by face-to-face teaching and via online learning, which is supported by online resources.

You are designed with a tiered exit structure and provide progression routes to the Masters Degree.

Directories of Studies
Dr Liz Brewster

Duration
12 months, part-time (PgCert); 24 months, part-time (PgDip)

Entry requirements
At least a 2:1 honours degree in a relevant subject. Applicants with relevant professional experience and without a first degree should contact the Director of Studies.

Assessment
Coursework, including reports, research proposals, critical appraisals and oral presentations.

Medical Education MSc/PgDip/PgCert

Overview
Delivered by Lancaster Medical School, this course is designed to equip clinical teachers with a sound theoretical and practical basis to develop as an educator.

For those involved in postgraduate supervision or with a significant teaching role, it will meet the GMC requirement for recognition and approval of trainers.

The programme will:
- Develop and consolidate your knowledge and understanding of core principles of medical education
- Enhance your skills as a medical educator
- Evidence your competence in line with the Academy of Medical Educator’s learning domains

The MSc also includes development in specialist aspects of medical education through modules and a work-based medical education project.

Directories of Studies
Dr Fiona Curtis

Duration
The duration of this part-time course is flexible as it is offered on a modular basis. Each module will run once per year.

Entry requirements
Applicants should be working in roles involved in the education and training of medical students and staff. For the PgDip/MSc a PgCert in Medical Education, or equivalent, is required.

Assessment
Coursework, including project proposals, reports, reflective commentary, and oral presentations.

For more information please visit www.lancaster.ac.uk/fhm
Course index

We offer a range of other subjects including Arts, Humanities, Social Sciences, Science, Technology, Business and Management. To find out more please see our website.

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Disclaimer

The University makes all reasonable efforts to ensure that the information in this prospectus is correct at the time of printing (July 2017). Please see www.lancaster.ac.uk/compliance/legalnotice for further information.