



MRes

## Clinical Sciences

### Study mode

Full-time

Part-time

### Duration

12 months

24 months

Apply by: **29 August 2025**

Starts on: **22 September 2025**

## About this course

The MRes in Clinical Sciences will enable you to develop advanced knowledge and research skills in clinical sciences. The programme is aimed at intercalating medical, dental and veterinary students and medical, biomedical and biological science graduates. Under expert supervision, you will produce a major piece of independent research on one of five specialist pathways.

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## Introduction

This MRes will equip you with advanced knowledge of clinical sciences and provide a tailored research experience. You can follow a general clinical science pathway or focus your research on cardiovascular and metabolic medicine, eye and vision science, musculoskeletal and ageing science, or women and children's health.

Whichever of these five pathways you choose, you'll receive intensive preparation for your future career including PhD study. We'll immerse you in contemporary clinical science research techniques, explore recent challenges and advances, and examine how evidence-based practice can inform health, disease and therapeutic interventions.

You'll discover how to develop a research proposal, identify relevant evidence and sources, plan and undertake the research, and analyse and present your findings. This will equip you with a range of transferable skills, including critical thinking, project management, written and verbal communication, and problem solving.

You'll be supported by academic experts in the Institute of Life Course and Medical Sciences. Our team of MRes supervisors are actively engaged in research that makes a real impact. Their work is focused on exploring key issues to local population health needs, combating health challenges from early years to later life, and positively changing patient care in our communities.

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## Who is this course for?

This programme is suitable for:

- Undergraduate medical, dental and veterinary students undertaking an intercalated research degree
  - Graduates from medical, biomedical and biological science disciplines looking to gain further experience of research.
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## What you'll learn

- Important techniques and laboratory skills required for medical research in both clinical and academic environments.
- Recent advances and contemporary methodologies in clinical sciences research.
- The ways in which clinical sciences research relates to health, disease and therapeutic interventions.
- How to formulate a robust research proposal.
- How to critically appraise relevant literature in the field of clinical sciences.
- How to plan and conduct a major piece of original, independent research.
- How to collect, interpret and analyse data and present your findings.
- Project management and problem-solving skills.
- Communication skills that enable research debate and the sharing of ideas with both scientific and layperson audiences.

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# Course content

Discover what you'll learn, what you'll study, and how you'll be taught and assessed.

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## Semester one

MCMR002 Transferable Skills is studied across all three semesters. Three other compulsory modules are studied in semester one.

## Modules

| Compulsory modules  | Credits |
|---|---------|
| <u><a href="#">TRANSFERABLE SKILLS (MCMR002)</a></u>                              | 15      |
| <u><a href="#">BASIC LABORATORY SKILLS (MCMR008)</a></u>                          | 15      |
| <u><a href="#">RESEARCH FRONTIERS IN CLINICAL SCIENCES 1 (MCMR003)</a></u>        | 15      |
| <u><a href="#">CLINICAL SCIENCES RESEARCH PROJECT 1 (FULL-TIME) (MCMR703)</a></u> | 40      |

Programme details and modules listed are illustrative only and subject to change.

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## Semester two

MCMR002 Transferable Skills is studied across all three semesters. MCMR704 is studied across semesters two and three. One other compulsory module is studied in semester two.

## Modules

| <b>Compulsory modules</b>   | <b>Credits</b> |
|---|----------------|
| <u>RESEARCH FRONTIERS IN CLINICAL SCIENCES 2 (MCMR004)</u>        | 15             |
| <u>CLINICAL SCIENCES RESEARCH PROJECT 2 (FULL-TIME) (MCMR704)</u> | 80             |
| <u>TRANSFERABLE SKILLS (MCMR002)</u>                              | 15             |

Programme details and modules listed are illustrative only and subject to change.

## Semester three

MCMR002 Transferable Skills is studied across all three semesters. MCMR704 is studied across semesters two and three.

## Modules

| <b>Compulsory modules</b>   | <b>Credits</b> |
|---|----------------|
| <u>CLINICAL SCIENCES RESEARCH PROJECT 2 (FULL-TIME) (MCMR704)</u> | 80             |
| <u>TRANSFERABLE SKILLS (MCMR002)</u>                              | 15             |

Programme details and modules listed are illustrative only and subject to change.

## Teaching and assessment

### How you'll learn

You'll learn through a combination of lectures, tutorials, seminars, workshops and independent study.

An active research environment encourages individual and group work where you'll develop ideas and hypotheses to solve problems and analyse, interpret and present your findings.

Research projects may be carried out in laboratories on campus or could be based in local NHS trusts including Alder Hey Children's Hospital, Liverpool Women's Hospital, St Paul's Eye Hospital or the Royal Liverpool University Hospital. There's also the option to complete an online research project.

## How you're assessed

Assessment activities mirror those undertaken by professional scientists and healthcare professionals. These real-life scenarios include drafting grant applications, writing reports, creating visual abstracts, developing a business proposals, and making presentations.

All modules include assessments that are linked to research project work, where you'll gain appropriate skills to complete your final project report at the end of the programme. Such assessments include a lab report, literature review and referee report.

## Liverpool Hallmarks

We have a distinctive approach to education, the Liverpool Curriculum Framework, which focuses on research-connected teaching, active learning, and authentic assessment to ensure our students graduate as digitally fluent and confident global citizens.

The Liverpool Curriculum framework sets out our distinctive approach to education. Our teaching staff support our students to develop academic knowledge, skills, and understanding alongside our **graduate attributes**:

- Digital fluency
- Confidence
- Global citizenship

Our curriculum is characterised by the three **Liverpool Hallmarks**:

- Research-connected teaching
- Active learning
- Authentic assessment

All this is underpinned by our core value of **inclusivity** and commitment to providing a curriculum that is accessible to all students.



# Careers and employability

This programme prepares you for a future career in biomedical research which could be in the academic, industrial or public sectors. It also provides a strong foundation for doctoral research and satisfies the criteria of UK research councils for Master of Research training.

You'll gain the research knowledge, skills and attributes to contribute to evidence-based practice, pursue further study, and progress your career.

With an MRes in Clinical Sciences, you'll be well qualified to enter a wide range of medical and scientific roles or pursue a career in industry or academia.

In the public sector, graduates in clinical sciences are in demand in research institutes, government departments, the National Health Service, and the Environment Agency.

You may choose to pursue PhD study in preparation for a future career as a research scientist. You would also be well prepared for graduate-entry medicine training.

With proven analytical, numeracy, communication and project management skills, you'll graduate with a skillset well suited to many leadership roles and opportunities, including a career in accountancy or human resources.

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## Career support from day one to graduation and beyond

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### Career planning

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### From education to employment

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### Networking events

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# Fees and funding

Your tuition fees, funding your studies, and other costs to consider.

## Tuition fees

### UK fees (applies to Channel Islands, Isle of Man and Republic of Ireland)

Full-time place, per year - £5,006

Part-time place, per year - £2,503

### International fees

Full-time place, per year - £31,250

Part-time place, per year - £15,650

Fees stated are for the academic year 2025/26. Some MRes courses incur additional bench fees. You will be notified of any fee which applies to you in your offer letter.

Tuition fees cover the cost of your teaching and assessment, operating facilities such as libraries, IT equipment, and access to academic and personal support.

- You can [pay your tuition fees in instalments](#).
- All or part of your tuition fees can be [funded by external sponsorship](#).
- International applicants who accept an offer of a place will need to [pay a tuition fee deposit](#).

If you're a UK national, or have settled status in the UK, you may be eligible to apply for a Postgraduate Loan worth up to £12,167 to help with course fees and living costs. [Learn more about paying for your studies.](#)

## Additional costs

Please note, this programme may have additional costs associated with it depending on your choice of a lab or computational/fieldwork-based project.

Find out more about the [additional study costs](#) that may apply to this course.

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# Entry requirements

The qualifications and exam results you'll need to apply for this course.

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## Postgraduate entry requirements

We accept a 2:2 honours degree from a UK university, or an equivalent academic qualification from a similar non-UK institution. This degree should be in a medical, biomedical or relevant biological science discipline. Previous MRes or MSc study or a medicine, veterinary or dental qualification may also be accepted.

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## International qualifications

Select your country or region to view specific entry requirements.

If you hold a bachelor's degree or equivalent, but don't meet our entry requirements, a Pre-Master's can help you gain a place. This specialist preparation course for postgraduate study is offered on campus at the [\*\*University of Liverpool International College\*\*](#), in partnership with Kaplan International Pathways. Although there's no direct Pre-Master's route to this MRes, completing a Pre-Master's pathway can guarantee you a place on many other postgraduate courses at The University of Liverpool.

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## English language requirements

You'll need to demonstrate competence in the use of English language, unless you're from a [majority English speaking country](#).

We accept a variety of [international language tests](#) and [country-specific qualifications](#).

International applicants who do not meet the minimum required standard of English language can complete one of our [Pre-Sessional English courses](#) to achieve the required level.

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## IELTS

6.5 overall, with no component below 5.5

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## INDIA Standard XII

National Curriculum (CBSE/ISC) – 75% and above in English. Accepted State Boards – 80% and above in English.

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## WAEC

C6 or above

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## Pre-sessional English

Do you need to complete a Pre-sessional English course to meet the English language requirements for this course?

The length of Pre-sessional English course you'll need to take depends on your current level of English language ability.

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### Pre-sessional English in detail

If you don't meet our English language requirements, we can use your most recent IELTS score, or [the equivalent score in selected other English language tests](#), to determine the length of Pre-sessional English course you require.

Use the table below to check the course length you're likely to require for your current English language ability and see whether the course is available on campus or online.

| Your most recent IELTS score             | Pre-sessional English course length | On campus or online |
|--|-------------------------------------|---------------------|
| 6.0 overall, with no component below 5.5 | 6 weeks                             | On campus           |

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| <b>Your most recent IELTS score</b>  | <b>Pre-sessional English course length</b> | <b>On campus or online</b>             |
|--|--|--|
| 5.5 overall, with no component below 5.5   | 10 weeks                                   | On campus and online options available |
| 5.5 overall, with no more than one component below 5.5, and no component below 5.0 | 12 weeks                                   | On campus and online options available |
| 5.5 overall, with no component below 4.5   | 20 weeks                                   | On campus                              |
| 5.0 overall, with no component below 4.5   | 30 weeks                                   | On campus                              |
| 4.5 overall, with no more than one component below 4.5, and no component below 4.0 | 40 weeks                                   | On campus                              |

If you've completed an alternative English language test to IELTS, we may be able to use this to assess your English language ability and determine the Pre-sessional English course length you require.

Please see our guide to [Pre-sessional English entry requirements](#) for IELTS 6.5 overall, with no component below 5.5, for further details.

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