UNIVERSITY OF LIVERPOOL

MRes

Clinical Sciences

Study mode	Duration	
Full-time	12 months	Apply by: **11 September 2026**
Part-time	24 months	Starts on: **28 September 2026**

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.

Introduction

The University of Liverpool's MRes in Clinical Sciences is designed to provide advanced, research-led training grounded in real-world laboratory and clinical environments. This programme combines specialist academic teaching with the opportunity to undertake a substantial, tailored research project aligned to your interests and career ambitions.

A defining feature of this MRes is our close integration with leading NHS partners, including the Walton Centre, Liverpool Women's Hospital, Alder Hey Children's Hospital and Liverpool Heart and Chest. Through these collaborations, students can access exclusive, clinically embedded research projects, offering hands-on experience and research project opportunities in active healthcare settings. This level of direct engagement with these

specialist hospitals is a distinctive advantage to studying this programme with the University of Liverpool.

Through this programme, you can follow a general clinical science pathway or specialise in cardiovascular and metabolic medicine, eye and vision science, musculoskeletal and ageing science, or women and children's health. Across all pathways, you'll engage with cutting-edge science and clinical research, explore current healthcare challenges, and examine how evidence-based practice drives innovation in diagnosis, treatment, and patient care. The year-long research project provides opportunities for publications including presentations at conferences.

The programme provides intensive preparation for future careers including academia, clinical research, the healthcare sector or further education including PhD study. You'll develop the skills to design and deliver high-quality research – from formulating a proposal and identifying relevant evidence, to conducting research, analysing and communicating your findings with impact. Alongside this, you'll build key transferable skills in critical thinking, project management, and scientific communication.

You'll be supported by expert researchers within the Institute of Life Course and Medical Sciences, whose work addresses pressing health challenges across the lifespan and contributes to improving outcomes for patients locally and globally.

To explore the range of projects previously available and the kinds of opportunities you may be able to access through our academic and clinical partnerships, explore the research project choices available.

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.

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.

Semester one

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

Modules

Compulsory modules	Credits
TRANSFERABLE SKILLS (MCMR002)	15
BASIC LABORATORY SKILLS (MCMR008)	15
RESEARCH FRONTIERS IN CLINICAL SCIENCES 1 (MCMR003)	15
CLINICAL SCIENCES RESEARCH PROJECT 1 (FULL-TIME) (MCMR703)	40

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

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

Compulsory modules	Credits
RESEARCH FRONTIERS IN CLINICAL SCIENCES 2 (MCMR004)	15
CLINICAL SCIENCES RESEARCH PROJECT 2 (FULL-TIME) (MCMR704)	80
TRANSFERABLE SKILLS (MCMR002)	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

Compulsory modules	Credits
CLINICAL SCIENCES RESEARCH PROJECT 2 (FULL-TIME) (MCMR704)	80
TRANSFERABLE SKILLS (MCMR002)	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 Learning Framework

At Liverpool, we take a distinctive approach to education through the Liverpool Learning Framework. This means teaching that is engaging, inclusive and designed to help you succeed during your studies and beyond.

You'll develop specialist subject knowledge alongside the skills employers value most, including:

- Digital fluency
- Confidence
- Global citizenship

Our curriculum is characterised by the three Liverpool Hallmarks:

- Research-connected teaching - learning informed by the latest ideas and discoveries
- Active learning - taking part, applying knowledge and learning by doing
- Authentic assessment - assessments designed around real-world tasks and challenges

We also embed key priorities across our curriculum, including AI literacy, employability, and sustainability, helping you prepare for the future and make a positive impact in the world.

We're committed to creating a supportive and inclusive learning environment where every student can thrive.

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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.

Career support from day one to graduation and beyond

Career planning

From education to employment

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 - £5,238
Part-time place, per year - £2,619

International fees

Full-time place, per year - £32,200
Part-time place, per year - £16,100

The fees shown are for the academic year 2026/27. The University may administer inflationary rises to international fees in subsequent academic years as you progress through the course.

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 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 £12,858 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.

You can find information on the general and subject-specific costs you could expect to incur on our study costs webpage.

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Entry requirements

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

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.

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.

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.

IELTS

6.5 overall, with no component below 5.5

INDIA Standard XII

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

WAEC

C6 or above

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.

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 or online
5.5 overall, with no more than one component at 5.0	10 weeks	On campus or online

Your most recent IELTS score	Pre-sessional English course length	On campus or online
5.5 overall, with no component below 5.0	12 weeks	Online
5.0 overall, with no component below 5.0	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 at 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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