



UNIVERSITY OF
LIVERPOOL

PROGRESS TO POSTGRADUATE STUDY

Faculty of Health
and Life Sciences

liverpool.ac.uk/health-and-life-sciences/study/postgraduate-taught/

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WHY PROGRESS TO POSTGRADUATE STUDY?

Good things don't have to come to an end!

We are immensely proud of all of our undergraduates and whilst we can't wait to see and hear about the careers you go on to have after graduation, we also want you to know about the **wide variety of postgraduate courses** and study options that we offer. These courses are designed to provide you with whatever you need in order to **enhance your skillset, develop your knowledge**, and **access higher levels** in your chosen career path or research area.

Whether you're looking to **specialise** in a specific area following your undergraduate degree, or want to delve in to **something new** and different, in the faculty of Health and Life Sciences we have postgraduate courses across: **Medicine, Psychology, Dentistry, Nursing, Physiotherapy, Healthcare, Public Health, Infection and Immunity, Health Data Science, Bioinformatics, Biotechnology.**

According to the Graduate Outcomes Survey (2020/21), **89%** of University of Liverpool postgraduates were in **highly skilled employment** 15 months after graduating, compared to 81% of our undergraduates. The median salary for working age postgraduates in the UK is **£45,000**. That's **£6,500 more per year** than the working age graduate salary (Department for Education: Graduate Labour Market Statistics 2022).

GUARANTEED OFFER

If you have achieved a 2:2 in your undergraduate degree at the University of Liverpool and meet any additional entry requirements for the master's course you're interested in, we can guarantee your place for the next academic year.*

*Some of our courses are not eligible for this offer. For more information please contact pguk@liverpool.ac.uk if you are a UK student, or pgosi@liverpool.ac.uk if you are an international student.

GRADUATE LOYALTY ADVANCEMENT SCHOLARSHIP

If you completed your undergraduate degree at the University of Liverpool, you could get a loyalty discount of up to £2,500 off your postgraduate tuition fees from academic year 2024/25.



EASY APPLY

Current students at the University of Liverpool who wish to apply for postgraduate taught study can do so through the Progress to Postgraduate application form on Liverpool Life. This is a quick and easy system, with a lot of your information already pre-filled.



91%

of our research is ranked world leading and internationally excellent.

Top 78 in the world

for Life Sciences and Medicine, QS rankings 2024.

900+

members of research staff working within the faculty.

WHAT ARE THE DIFFERENT POSTGRAD COURSE TYPES?

MASTERS

A masters degree is a postgraduate qualification, it is the next level up from an undergraduate degree and can often act as a stepping stone to a PhD. Study typically involves completing a series of modules and writing a dissertation. Masters are also referred to as an MSc (mastes of Science), MPhil (master of Philosophy), MA (master of Arts), MBA (master of business administration), LL.M (master of law), MEd (master of education), and MRes (master of research). An MRes is, a much more research based course and is mainly for students looking to continue their studies in research and go onto a PHD.

PGDIP

A Postgraduate Diploma is a shorter postgraduate degree which provides specialist training in a specific area. It is especially well-suited to professionals who are interested in career development and want to enhance their CV in a shorter space of time compared to a full masters programme., however a PGDip can work towards a full masters degree too.

PGCERT

A Postgraduate Certificate is a shorter taught postgraduate award which provides masters level training but takes less time for a student to complete, as you finish with a certificate and not a full degree. It takes around half the time of a PGDip to complete, making it ideal for anyone who wishes to learn more about a subject without having to complete a dissertation. It is also suitable for anyone who cannot commit financially to a full masters degree. The PGCert can also be used to work towards a PGDip, and eventually a masters course.

MSc INVESTIGATIVE & FORENSIC PSYCHOLOGY

Who is this course for?

Want to pursue a career in forensic psychology, law enforcement, investigations, intelligence, or go on to study a PhD and work in research/academia? Then this course is for you!

Course duration:

Full time, 12 months.

Also available as **PGCert** and **PGDip**.

About the course

Renowned worldwide, this MSc in Investigative and Forensic Psychology is a high-quality master's course providing academic and research knowledge of **forensic practice**. This includes:

- **Crime reduction and intervention**
- **Investigative procedures**
- **Forensic interviewing**
- **Court processes**
- **Custody and rehabilitation**

Students join sessions offered by a high number and calibre of **external practitioners**, in order to develop understanding of **real-life applications**. We also place a strong emphasis on **employability skills** within the course.

WHY STUDY?

- This is the only programme of its type offered by a Russell Group University
- We have received multiple commendations by the British Psychological Society
- The course is eligible for Economic and Social Research Council (ESRC) and eligible for ESRC 1+3 training studentship linked to a PhD programme
- Our students have gone on to be some of the most successful individuals in their field

**JOINT
1ST**

ACCREDITED

88%

in the UK for our world
leading (4*)
environment -
Psychology, Psychiatry
and Neuroscienc
(REF 2021)

by the British
Psychology Society
annually

of our research was
ranked as world
leading (4*) or
internationally
excellent (3*)
(REF 2021)

Where could this course take you?

This Programme provides a solid grounding for careers in law enforcement, criminal justice, government agencies, education, commercial or industrial sectors.

On successful completion of this programme, you will have gained the knowledge, skills and attitudes to put psychological principles into effect across research, practice and the interface of applied research.



“The course content is excellent, there are vast research opportunities, the staff are incredible and supportive and we get to see the real-world impact of what we’re learning in class.”

Tulula Pea, MSc Investigative and Forensic Psychology 2022

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



Got questions?

I'm Professor Louise Almond, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at lalmond@liverpool.ac.uk

MSc RESEARCH METHODS IN PSYCHOLOGY

Who is this course for?

Are you looking to pursue doctoral-level studies or research positions in a psychology discipline, to elevate your career within the field? Then this course is for you!

Course duration:

Full time, 12 months.

Also available as **PGCert** and **PGDip**.

About the course

This MSc in Research Methods in Psychology is more than just a programme; it is a gateway to embark on an exploration of advanced experimental methods, statistics, and research skills, where our dedicated academic staff deliver modules carefully designed for success as a researcher. This skill development includes:

- **Research design and method analysis**
- **Skills in specialist software**
- **Conducting studies**
- **Writing grant proposals**
- **Communication skills development for research findings**

WHY STUDY?

- **Work with state-of-the-art research facilities and techniques including behavioural experiments, specialised laboratories, EEG, MRI, neurostimulation (tDCS, TMS), fNIRS, eye-tracking, and psychophysics.**
- **Our cross-cutting research groups include Brain, Cognition, and Language (incorporating Neuroscience); Clinical Psychology; Appetitive and Addictive Behaviours; Forensic and Conflict; Lifespan Development and Health.**
- **We work with impactful partners including industry leaders (e.g., Unilever, Liverpool Health Partners), mental health hospitals, prisons, schools, and neurological and neurosurgical NHS trusts (e.g., The Walton Centre).**

**JOINT
1ST**

ESRC ELIGIBLE

88%

in the UK for our world
leading (4*)
environment -
Psychology, Psychiatry
and Neuroscience
(REF 2021)

The course is eligible for
Economic and Social
Research Council (ESRC)
1+3 studentships linked
to a doctoral
programme.

of our research was
ranked as world
leading (4*) or
internationally
excellent (3*)
(REF 2021)

Where could this course take you?

This programme aims to provide students with a high level of academic and analytical skill, making them suitable for careers or further postgraduate study in a number of areas.

Previous graduates have pursued a range of different careers:

- Joining research teams as research associates in many areas, such as Applied Psychology and Criminology
- Working in the substance misuse field
- Clinical training
- Becoming members of police forces as “civilians” involved in intelligence work or as police officers
- Working in prisons or with clinical forensic populations
- Working in commercial or industrial research and development units.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Daniel Roberts, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at d.j.roberts@liverpool.ac.uk

Got questions?

MSc PSYCHOLOGY (CONVERSION)

Who is this course for?

Have you got an interest in human behaviour, how people think or feel the way they do, and how they learn? Then MSc Psychology Conversion could be for you.

This course is for people who **don't** already have a background in Psychology, or for students who have a Psychology degree that isn't accredited by the British Psychological Society, but who want to gain a comprehensive understanding of psychology, its impact and practical applications.

Course duration:

Full time, 12 months.

About the course

This **research-led** course covers critical understanding of **key concepts**, theories and debates in the areas of developmental, social and individual differences, cognitive, and biological psychology, how psychological knowledge can inform **policy** and **practice**, planning and conducting **ethical research**, and **communicating research findings**.

The programme is **fully accredited** by the British Psychological Society (BPS), granting eligibility for **Graduate Basis for Chartered Membership** upon graduation, making it an excellent first step towards a career as a **professional psychologist**.

WHY STUDY?

- If you are a graduate in a subject other than psychology, or you have a psychology degree that isn't accredited by the BPS, this programme is an excellent first step towards a career as a professional psychologist
- 88% of all our graduates are in work or further study within six months, according to the Graduate Outcomes Survey
- This programme is fully accredited by the British Psychological Society (BPS)

**JOINT
1ST**

in the UK for our world
leading (4*)
environment -
Psychology, Psychiatry
and Neuroscience
(REF 2021)

ACCREDITED

by the British
Psychology Society
granting eligibility
for Graduate Basis
for Chartered
Membership upon
graduation.

88%

of our research was
ranked as world
leading (4*) or
internationally
excellent (3*)
(REF 2021)

Where could this course take you?

On completion of the programme, you will have a foundation in the science of Psychology. The resulting knowledge, skills and attitudes will enable you to put psychological principles into effect in a variety of settings including research, practice and the interface of applied research.

The scientific aspects of the course, including the application of a reasoned approach, problem solving and manipulation of data, provide useful tools for careers in healthcare, law enforcement, finance, IT and research.

The programme gives you suitable grounding for careers in the creative industries, the legal sector, government administration and education.

Graduates could go on to work in:

- Healthcare
- Law enforcement
- Finance
- IT
- Government administration
- Education

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Professor Laura Soulsby, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at ps0u3129@liverpool.ac.uk

Got questions?



MPH MASTER OF PUBLIC HEALTH

Who is this course for?

Whether you have a background in medicine, nursing, pharmacy, occupational therapy, environmental health, natural sciences, social sciences, humanities, public health, policy and planning, housing, transport, or in governmental organisations, completing this MSc course opens graduates up to the opportunity to apply for senior positions in public health research, practice and policy.

Course duration:

Full time, 12 months.

Part time, 24 to 36 months.

Also available as a **CPD**.

About the course

internationally respected for its multidisciplinary focus and commitment to the World Health Organisation's (WHO) Health for All principles, this MSc equips students with the expertise required to put public health principles into practice. This includes:

- **Analysing Public Health Systems**
- **Health protection principles and improvement strategies**
- **Learning how to reduce inequalities**
- **Gaining essential statistical, research and leadership skills**

Students join sessions offered by a high number and calibre of **external speakers**.

WHY STUDY?

- **The MPH forms a core component of approved training programmes for Health Education North West (HENW). As such, it will help you prepare for UK Faculty of Public Health Part A examinations.**
- **The part time study option allows you to study alongside working**
- **This course helps students to build the foundations of a career as a public health leader**

WHO COMMITMENT

The Master of Public Health (MPH) degree is internationally respected for its multidisciplinary focus and commitment to the World Health Organisation's (WHO) Health for All principles.

HENW APPROVED

The MPH forms a core component of approved training programmes for Health Education North West (HENW). As such, it will help you prepare for UK Faculty of Public Health Part A examinations.

LEADING RESEARCH

At the forefront of research into public health and policy, in particular addressing health inequalities through action on the social determinants of health, both locally and globally.

Where could this course take you?

As an MPH graduate, you can apply for senior positions in public health research, practice and policy, across government, healthcare, housing, transport, and charities. The MPH also forms a core component of approved training programmes for Health Education North West (HENW). They're responsible for the commissioning and management of training and education for NHS speciality registrars in public health, working towards a Certificate of Completion of Training and students who wish to go on to complete Membership of the Faculty of Public Health Medicine (MFPHM) Part A.



My favourite thing about the course was being part of a well organised department. There was a team based approach with great support. This was particularly true of the supportive team around supervision of my thesis. The engagement and real involvement was key to achieving the goal of completing the assignment.

David O'Hagan, Population Health Lead,
Central Liverpool Primary Care Network



Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Steve Clayton, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at stephen.clayton@liverpool.ac.uk

Got questions?



MSc HEALTH DATA SCIENCE

Who is this course for?

If you have a quantitative background (for example, a background in mathematics, statistics, computer science, physical science, biomedical science including epidemiology, biological sciences, or medicine) and want to analyse and address health care problems using data, then this is the perfect masters course for you.

Course duration:

Full time: 12 months

Part time: 24 months.

Also available as **PGDip**, **PGCert**, **CPD modules** or **intercalated degree**.

About the course

Discover how to collect, analyse, interpret and present health data on this MSc. You'll combine this knowledge with the fundamentals of computer science. Using statistical analysis, data visualisation and digital technology, you'll identify data-driven enhancements to health care interventions and produce a significant piece of health data science research. Just some of the things you'll learn are:

- **The role of digital technology in improving healthcare interventions.**
- **The benefits and challenges of applying data science to real world health problems.**
- **Using health data to improve care and help understand disease.**

WHY STUDY?

- **This programme is supported by Health Data Research UK – the national institute for health data science.**
- **Potential employers are involved in the delivery of the course and you will be able to attend careers events with representation from higher education institutions, the NHS, industry and government agencies. This will ensure you have a variety of opportunities to network and build useful contacts.**
- **This programme focuses on actionable analytics, thinking about how to transform data from information into actions that drive real-world improvements.**

REAL WORLD INNOVATION

Our course is grounded in real-world innovation. For example, we provided real-time research during the COVID-19 pandemic

SCHOLARSHIPS

If you're a UK student, you could be eligible to apply for £10,000 of funding and the opportunity to conduct a research project with one of HDRUK's partner organisations.

99%

of health sciences students from the University of Liverpool find their main activity after graduation meaningful. (Graduate Outcomes, 2018-19.)

Where could this course take you?

The health sector is a fast-growing employment sector around the world. There is an increasing need for professionals with strong quantitative skills to evaluate health care interventions and information systems.

The MSc Health Data Science is tailored to develop the statistical and computational skills needed to pursue a successful career as a data scientist working in academia, healthcare or biopharmaceutical sectors.



What I enjoyed the most was conducting a genome-wide study on real-life data from the UK Biobank, which I undertook as part of my dissertation.

Faye Baldwin, MSc Health Data Science Graduate



Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Professor Ruwanthi Kolamunnage-Dona, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at ruwanthi.kolamunnage-dona@liverpool.ac.uk

Got questions?



MSc NURSING

Who is this course for?

Would you like to become a specialist nurse, nurse manager, nurse educator or nurse researcher? This course will enhance your leadership, research and communication skills and prepare you for advanced and innovative practice.

Course duration:

Full-time, 12 months

Part-time, Up to 36 months

Available as a **PGCert** or **PGDip**

About the course

Led by a small team of **experienced** and **dedicated** nursing staff, our **interactive, small-group** teaching sessions are designed to enhance your **transferable skills**, from **critical thinking** and **problem-solving**, to **communication, leadership** and **teamwork**.

Learning will include insight into the UK National Health Service and comparisons with global models of health and social care provision, contemporary theories and concepts of leadership, management and education for advanced clinical practice, assessment methods, and devising healthcare improvement strategies for a broad mix of groups.

WHY STUDY?

- This is a contemporary, vocational programme of postgraduate study that immerses qualified nurses in key issues and ideas relating to the four pillars of professional nursing: communication; leadership; education and research. .
- We are a hub for an extensive network of professionals, academics and researchers, so you can be confident that a degree from us will prepare you for a lifelong career in healthcare services.

**OVER 100
YEARS**

For over a hundred years, we've trained and educated healthcare professionals.

**INTERNATIONALLY
RENOWNED**

In partnership with healthcare collaborators, we deliver internationally renowned teaching and research that shapes the future of healthcare professionals and the care they deliver.

99%

of Allied Health Professions and Nursing students from the University of Liverpool find their main activity after graduation meaningful. Graduate Outcomes 2018-19.

Where could this course take you?

The MSc Nursing provides a strong foundation for registered nurses to enhance their career development. It's particularly suitable if you're a UK or international nurse seeking to pursue a senior nursing role in a specialist practice area, a nursing leadership or management position, a career as a nurse educator or nurse researcher.

The programme could also be a gateway to nursing scholarship through PhD study.



By continuing to study I strengthened my clinical knowledge, which may save patients' lives.

Siwen Shen, Clinical Nurse at Jiang Su Province Cancer Hospital



Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



Got questions?

I'm Dr Carolyn Lees, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at c.lees4@liverpool.ac.uk



MSc ADVANCED PRACTICE IN HEALTHCARE

Who is this course for?

If you are looking to enhance your expertise in healthcare, gain the research and leadership skills essential to the role of the advanced practitioner, and explore specialist areas of practice in a flexible master's degree, look no further than this programme.

Course duration:

Part-time, 36-72 months

Also available as **PGCert**, **PGDip**, or **CPD modules**.

About the course

This programme will advance your **clinical expertise**, enhance your **research skills** and support you in devising a detailed **personal development plan**.

We'll encourage you to reflect on what constitutes advanced practice in contemporary healthcare and explore concepts of **leadership**, **management** and **education** in advanced clinical practice.

There are also options for **profession-specific pathways** through the programme.

Optional module choices cover a broad range of **specialisms**.

WHY STUDY?

- This is a flexible programme that allows you to structure your studies to meet your own professional needs with the option to start in January, if you would prefer to do so.
- Work-based learning is a key feature of the MSc, with emphasis placed on the development of interactive, collaborative and interprofessional communities of practice in contemporary healthcare settings.
- Covering a broad range of specialisms, our expert academics will support you in choosing the most suitable and relevant module choices for you.

**OVER 100
YEARS**

of teaching delivered by dedicated staff with real-world, practical experience.

**WORK-BASED
LEARNING**

is a key feature of the MSc, with emphasis placed on the development of interactive, collaborative and interprofessional communities of practice in contemporary healthcare settings.

99%

of allied health professions and nursing students from the University of Liverpool find their main activity after graduation meaningful. Graduate Outcomes, 2018-19.

Where could this course take you?

The programme develops the advanced skills necessary to manage physical and mental healthcare across a range of settings. These vary from hospitals and general practice to individual's homes, schools, prisons and public, private, independent and charitable sectors.

Alongside the relevant clinical expertise, you'll gain the leadership, research and educational skills required of an advanced practitioner. This will enable you to work inclusively and innovatively, either autonomously or as part of the wider health and social care team, within your scope of practice.

Advanced practitioners and senior health professionals are in high demand to help meet the evolving needs of individuals, families and communities.

The programme has been designed to support your career development and is relevant to roles across all healthcare settings. These include:

- Primary care.
- Community care.
- Emergency settings.
- Acute care.
- Mental health services.
- Learning disabilities support.

The programme is flexible and adaptable in response to an ever-changing health and social care system. It will enable you to develop and deliver innovative models of care, gain specialist knowledge and extend the scope of your skills into new areas.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Sharon Roberts, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at sharon.roberts@liverpool.ac.uk

Got questions?



MSc MENTAL HEALTH NURSING WITH REGISTERED NURSE STATUS

Who is this course for?

Gain eligibility to apply for professional registration with the Nursing and Midwifery Council as a mental health nurse on this pre-registration master's degree.

If you want to discover the professional standards for mental health nurses and how to lead the delivery of compassionate care in hospital, forensic and community settings, this is the perfect course for you.

Course duration:

Full time, 24 months.

About the course

This two-year master's degree equips you with the knowledge, skills and professional attributes needed to become a mental health nurse.

We'll prepare you to care for individuals across the **lifespan**, from child and adolescent mental health to conditions such as Alzheimer's.

With an emphasis on **evidence-based practice**, the programme will reveal the indivisible link between mental and physical ill health. You'll discover the principles of mental health nursing **practice, local and global** determinants of mental health, and how to manage **complex care needs**.

WHY STUDY?

- Your learning will be brought to life through extensive clinical experience, working with patients in a variety of settings, including inpatient wards and forensic and community settings.
- Developed in collaboration with leading healthcare providers in the North West, the programme will be taught by experienced, working and registered practitioners.
- On successful completion of the programme, you'll be eligible to apply for professional registration with the Nursing and Midwifery Council as a mental health nurse.

COLLABORATION

Developed in collaboration with leading healthcare providers in the North West, we'll help you develop into a caring and compassionate nurse, ready to lead and coordinate care as part of a multi-professional team.

NMC ELIGIBLE

On successful completion of the course, you'll be eligible to apply for professional registration with the Nursing and Midwifery Council (NMC) as a mental health nurse. Registration with the NMC is a pre-requisite to practice as a mental health nurse in the UK.

99%

of allied health professions and nursing students from the University of Liverpool find their main activity after graduation meaningful. Graduate Outcomes, 2018-19.

Where could this course take you?

Owing to the national shortage of mental health nurses, as well as the global demand for British trained nurses, there are many opportunities for graduates to work in mental healthcare settings locally and around the world.

Roles and opportunities in mental health nursing have expanded significantly in recent years in the NHS, with private providers and in the independent and voluntary sectors.

You could pursue a career specialising in areas as diverse as children and young people's mental health, dementia care, forensic mental health services, or substance misuse.

As a master's graduate, you'll be well placed to pursue more advanced roles with greater responsibility. These include working as a:

- Lecturer/practitioner
- Specialist practitioner
- Advanced nurse practitioner
- Consultant nurse
- Academic lecturer
- Academic researcher.

Alternatively, you may want to pursue a career in leadership and management or continue your studies at PhD level.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Maxine Cromar-Hayes, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at maxine.cromar-hayes@liverpool.ac.uk

Got questions?



MSc PHYSIOTHERAPY (PRE-REG)

Who is this course for?

If you are a graduate in biological sciences, health sciences or a sports-based discipline and would like to progress into physiotherapy, then this is the masters course for you.

Course duration:

Full time, 24 months

About the course

This two year accelerated MSc Physiotherapy course will provide you with an excellent educational experience both in academic and clinical environments.

The programme has been divided into three key themes, clinical, professional and evidence based practice which run throughout the programme and from this you will learn:

- **An understanding of how multi-professional healthcare environments function**
- **Communication skills**
- **An ability to diagnose and manage a range of physical health problems**
- **Leadership qualities**
- **Research, report-writing and other transferrable professional skills.**

WHY STUDY?

- **Successful graduates will be eligible to apply for registration as a physiotherapist with the Health and Care Professions Council (HCPC) and to apply to become a professional member of the Chartered Society of Physiotherapy**
- **Practice based learning is an essential part of this programme, allowing you to experience a wide range of clinical settings and integrate theory and practice, developing clinical skills, professionalism and leadership.**

STATE OF THE ART

facilities, which have recently had over £1m worth of investment.

HCPC ELIGIBLE

Successful graduates will be eligible to apply for registration as a physiotherapist with the Health and Care Professions Council (HCPC) and to apply to become a professional member of the Chartered Society of Physiotherapy.

99%

of allied health professions and nursing students from the University of Liverpool find their main activity after graduation meaningful. Graduate Outcomes, 2018-19.

Where could this course take you?

Graduate physiotherapists are a vital part of modern health care and employment opportunities are available in the UK and abroad. With an MSc qualification, graduates can fill senior leadership positions across a wide array of physiotherapy settings, for private or national healthcare providers.

Physiotherapists can explore a range of career paths, which venture into different aspects of the industry, including:

- Research
- Teaching
- NHS
- Sports therapy
- Orthopaedics
- Occupational therapy.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Kate Trainor, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at placebo@liverpool.ac.uk

Got questions?



MSc OCCUPATIONAL THERAPY (PRE-REG)

Who is this course for?

If you have an undergraduate degree in biological sciences, a social science, or a health science and would like to progress into occupational therapy, then this vocational course is the right postgraduate degree for you.

Course duration:

Full time, 24 months

About the course

This course will provide you with an enriching, dynamic educational experience that combines traditional teaching with the advancement of key clinical skills to produce professionals that are equally adept in the practical and theoretic aspects of occupational therapy.

You will learn:

- **Clinical skills imperative to modern occupational therapists**
- **Research and report writing skills**
- **An understanding of different physical and mental health issues**
- **Critical thinking abilities**
- **An appreciation of other healthcare professionals and their roles**
- **Teamwork and communication skills**

WHY STUDY?

- **Students are offered a variety of practice placement opportunities which include extended part-time and elective roles. This will help develop clinical skills, and stimulate leadership, communication and patient care abilities, which are vital real-world practices.**
- **Graduates are eligible for registration with the Health and Care Professions Council, the UK's prominent regulator of health and care professions.**

STATE OF THE ART

facilities, which have recently had over £1m worth of investment.

ACCREDITATION

Graduates are eligible for registration with the Health and Care Professions Council, the UK's prominent regulator of health and care professions.

99%

of allied health professions and nursing students from the University of Liverpool find their main activity after graduation meaningful. Graduate Outcomes, 2018-19.

Where could this course take you?

Graduates in Occupational Therapy are a vital part of modern health care and employment opportunities are available in the UK and abroad. This is a vocational programme and aims to fill a skill shortage area within the National Health Service.

Graduates from the University of Liverpool have an excellent employment rate and are highly regarded by local employers and successfully achieve employment nationally entering a wide variety of roles and services.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Anne-Louise Humphreys, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at anne-louise.humphreys@liverpool.ac.uk

Got questions?



MSc DIAGNOSTIC RADIOGRAPHY (PRE-REG)

Who is this course for?

If you want to work as a diagnostic radiographer, x-raying and scanning patients in an NHS or private setting, this pre-registration MSc combines the academic knowledge and clinical learning experience you'll need.

Course duration:

Full time, 24 months

About the course

This programme immerses students in the **theory** and **practice** of a comprehensive range of radiographic techniques needed for first post competencies working in the modern healthcare sector.

You'll build awareness of **anatomy**, **physiology** and **pathology** and gain experience working with **radiographic and cross-sectional images**. You'll also achieve an understanding of **radiological science** which is associated with medical imaging and radiation protection.

You'll develop into a diagnostic radiographer with the skills, knowledge and understanding required for **safe and ethical practice**.

WHY STUDY?

- On completion of the course, you'll be eligible to apply for professional registration with the Health Care Professions Council (HCPC). This registration is required to work as a diagnostic radiographer in the UK.
- This programme will prepare you for your career with a real-world practical focus, as well as theoretical knowledge across a wide range of radiographic techniques.
- Upon completion of the course, you will be eligible to become a member of the Society and College of Radiographers.

100 YEARS

Benefit from the School of Allied Health Professions and Nursing experience in delivering more than 100 years of teaching across practical and professionally focused programmes.

HCPC ELIGIBLE

Successful graduates will be eligible to apply for registration as a physiotherapist with the Health and Care Professions Council (HCPC) and to apply to become a professional member of the Chartered Society of Physiotherapy.

99%

of allied health professions and nursing students from the University of Liverpool find their main activity after graduation meaningful. Graduate Outcomes, 2018–19.

Where could this course take you?

Upon successful registration with the HCPC, you'll be eligible to apply to work as a band 5 diagnostic radiographer in either the NHS or private sector. There is an excellent chance of immediate post-qualification employment.

Your future career plans could involve undertaking post-registration qualifications with the HCPC in preparation for advanced and consultant practice. This could lead to opportunities to specialise in areas including medical ultrasound, computer tomography, magnetic resonance imaging, radionuclide imaging or mammography.

You could alternatively choose to pursue a managerial qualification, such as an MBA, or consider PhD study and a potential career in academia as a radiography educator or researcher.

Some radiographers also take up the opportunity of progressing into the business side of radiography in the private sector and become sales reps or product specialists.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Stuart Mackay, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at stuartm@liverpool.ac.uk

Got questions?



MSc ORTHOPTICS (PRE-REG)

Who is this course for?

This course is for you if you are interested in working in healthcare and have an interest in eyes and vision. You must have a good understanding of the profession and an awareness of the procedures undertaken.

Course duration:

Full time, 24 months.

About the course

Our MSc in Orthoptics is a two year accelerated programme providing you with an authentic experience integrating academic knowledge and clinical skills. This includes:

- **Orthoptic Clinical Practice and Theory**
- **Ophthalmology and Optics**
- **Research Methods in Healthcare Practice**

Students will benefit from a **hybrid learning** and teaching timetable, develop graduate attributes: **confidence**, **digital fluency** and **global citizenship**. At the end of the two year programme you will be eligible to register with the **Health Care Professions Council** and practice under the protected title 'Orthoptist'.

WHY STUDY?

- **Clinical education forms a key component of the programme and this will be delivered by giving students the opportunity to learn whilst on clinical placement and also using a high fidelity clinical simulation experience at the University.**
- **At the end of the two year programme you will be eligible to register with the Health Care Professions Council and practice under the protected title 'Orthoptist'.**

ACCELERATED

two year MSc programme to kickstart your career quicker.

11

weeks of clinical placement gaining valuable clinical experience to consolidate their knowledge.

HYBRID

learning and teaching allowing flexibility

Where could this course take you?

Graduates in Orthoptics are key to the National Health Service healthcare workforce as this field is a highlighted skill shortage area within the NHS.

Qualified orthoptists have the opportunity to develop into 'specialist' and 'advanced' professionals who can become consultant orthoptists and team and department managers.

Furthermore, upon graduation, this degree will allow individuals to pursue a range of general graduate and research careers in health sciences or the wider healthcare industry.

Employment opportunities are available nationally and internationally.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Jignasa Mehta, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at jigs@liverpool.ac.uk

Got questions?



MSc ADULT NURSING WITH REGISTERED NURSE STATUS

Who is this course for?

This is an accelerated postgraduate programme developed for those who have already graduated with an undergraduate degree, who want to specialise in adult nursing.

The programme is a pre-registration award for graduates wanting to study adult nursing for the first time at Masters level.

Course duration:

Full time, 24 months

About the course

This course will teach you the skills to practice as an adult nurse in two years. You will spend half of your time in **clinical practice** or in **simulation-based learning**, giving you the opportunity to experience professional nursing from early in the programme. You will learn

- **Anatomy, physiology, genomics and behavioural sciences.**
- **The local and global determinants to health**
- **Care planning, delivery interventions and referrals for complex health care needs**

This is all whilst learning **collaborative working practices** and **leadership styles** in professional nursing.

WHY STUDY?

- **When on campus, you will learn alongside students from nursing programmes, medicine and a variety of allied health professionals.**
- **Developed in collaboration with leading healthcare providers in the North West, the programme will be taught by experienced, registered practitioners.**
- **On successful completion of the programme, you'll be eligible to apply for professional registration with the Nursing and Midwifery Council as an adult nurse.**

CLINICAL EXPERIENCE

Your learning will be brought to life through extensive clinical experience, working with patients in a variety of settings, including inpatient wards, intensive and specialists care services, outpatient clinics and community settings.

NMC ELIGIBLE

On successful completion of the course, you'll be eligible to apply for professional registration with the Nursing and Midwifery Council (NMC) as an adult nurse.

99%

of Allied Health Professions and Nursing students find their main activity after graduation meaningful - Graduate Outcomes 2018-19

Where could this course take you?

As a Nursing graduate from the School of Allied Health Professions and Nursing, you'll be eligible to apply for registration with the Nursing and Midwifery Council (NMC).

You can look forward to a career in the National Health Service, Social Services or the private sector. Further career options include clinical education, research, project delivery or management. You may also choose to undertake further study in a particular healthcare speciality.

Typical employers include:

- the National Health Service (NHS)
- private sector clinics and hospitals
- voluntary organisations
- local authorities (for work in nursing and residential homes)
- schools, further and higher education institutions
- prisons and the armed forces
- private sector organisations, such as leisure cruise companies and private nursing homes.

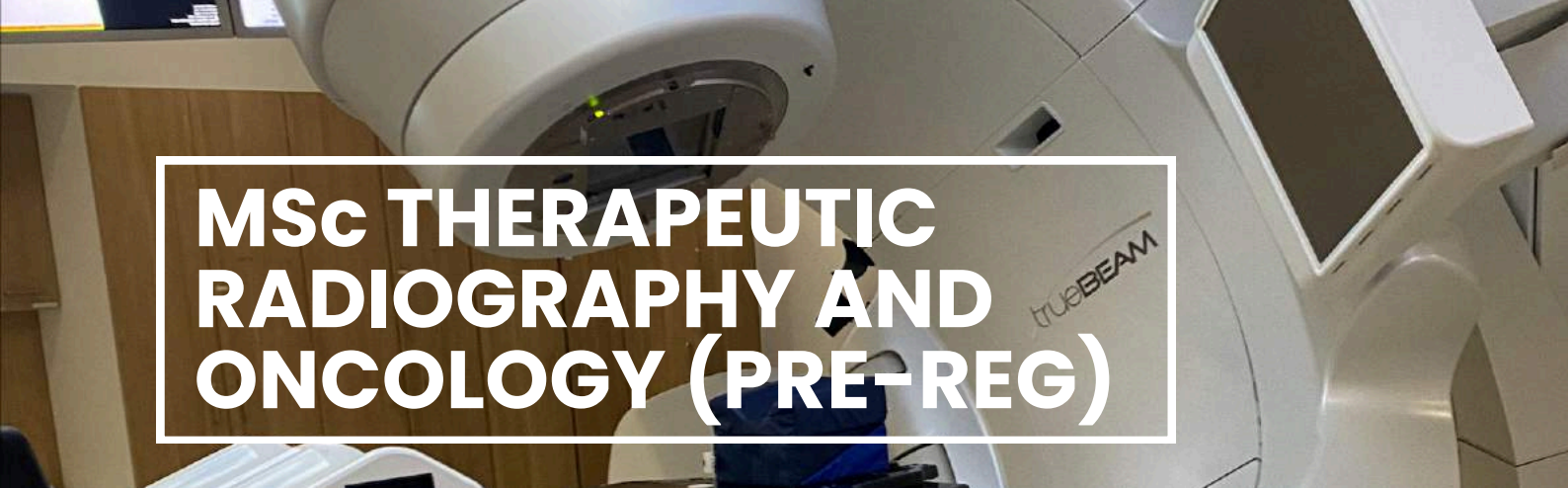
Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Julie Crane, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at abbottj@liverpool.ac.uk

Got questions?



MSc THERAPEUTIC RADIOGRAPHY AND ONCOLOGY (PRE-REG)

Who is this course for?

Want to pursue a career as a therapeutic radiographer, work in oncology, in the NHS or the private sector? This course is for you! The MSc TRON is a 27-month, full-time programme of teaching and learning which integrates the clinical skills, academic knowledge, attitudes and understanding required to practice as a Therapeutic Radiographer.

Course duration:

Full time, 27 months.

Also available as a **PGCert, PGDip, or Postgraduate award.**

About the course

The MSc TRON programme consists of teaching and learning which integrates the clinical skills, academic knowledge, attitudes and understanding required to practice as a Therapeutic Radiographer. Graduates will learn to:

- Be a **competent, caring, safe and proactive** Therapeutic Radiographer.
- Apply specialist knowledge and clinical reasoning skills to deliver **safe radiotherapy and care** within **legal, ethical and professional frameworks.**
- Respond to service user needs, while being able to manage themselves in order to remain empathic whilst adaptive and **resilient to challenging health care environments.**

WHY STUDY?

- Our radiotherapy simulation skills suite enables simulation to be core to student learning.
- We have partnerships with world class cancer healthcare partners provide exciting placement opportunities.
- Graduates will meet all of the required first post competencies as outlined in the Health and Care Professions Council Standards of Proficiency and be eligible to apply for registration as a Therapeutic Radiographer. In addition, graduates will meet the requirements of the Society and College of Radiographers Education and Career Framework for the Therapeutic Radiography workforce.

SIMULATION LEARNING

Our radiotherapy simulation skills suite enables simulation to be core to student learning.

REGISTRATION ELIGIBLE

Graduates will meet all of the required first post competencies as outlined in the Health and Care Professions Council Standards of Proficiency and be eligible to apply for registration as a Therapeutic Radiographer.

SOCIETY AND COLLEGE OF RADIOGRAPHERS EDUCATION AND CAREER FRAMEWORK

Graduates will meet the requirements of the Society and College of Radiographers Education and Career Framework for the Therapeutic Radiography workforce.

Where could this course take you?

This is a vocational programme to develop graduates to become Therapeutic Radiographers affording employment employed in either the NHS or the private sector as a Band 5 therapeutic radiographer.

You would then have the option of developing a whole career in therapeutic radiography. Options are to progress towards advanced and consultant practice undertaking further post graduate qualifications, or progressing into management with a managerial qualification such as an MBA.

You would also have an option of stopping clinical work and progressing into higher education and becoming an academic. This too would require further qualifications with an MSc as a minimum, but a PhD preferred.

There is also a new 'clinical academic pathway' where radiographers can undertake both clinical and academic work. Some radiographers also take up the opportunity of progressing into the business side of radiotherapy in the private sector and become sales representatives or product specialists. There is also an opportunity to move into the education sector with further research and education qualifications and become a radiotherapy educator or researcher.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Pete Bridge, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at bridgep@liverpool.ac.uk

Got questions?



MSc INFECTION AND IMMUNITY

Who is this course for?

Never before has this area of study been so publicised. The importance of infection and its control, being so visible during the coronavirus pandemic, highlighted the need for scientists who can contribute to infectious disease research from an understanding of epidemiology, to public health measures and how the immune system responds to viruses and vaccines. This course is suited to those who'd like to contribute to infectious disease research.

Course duration:

Full Time, 12 months

Also available as an **Intercalated Degree**

About the course

This course develops students to potentially become scientists who can contribute to **infectious disease research** from an understanding of **epidemiology**, to **public health measures** and how the immune system responds to viruses and vaccines. You will develop core skills in evaluating issues in emerging infectious disease and pandemics, learn about the **implementation of diagnostics, therapeutics and vaccines**, and develop principal skills in presenting **immunological interactions and responses**.

WHY STUDY?

- We know that digital, programming and informatic skills are of increasing importance so we embed this into your learning making you an even more competitive candidate for future jobs.
- You will receive training for research that can be applied to academic, commercial and healthcare settings.
- Since the coronavirus pandemic, the field of infection and pandemics research has highlighted the need for scientists.

CUTTING EDGE RESEARCH

We integrate cutting-edge research to benefit people, animals and ecosystems, nationally and globally.

INTERNATIONALLY RENOWNED

health scientists and clinicians teach this programme

TOP FACILITIES

Benefit from our supportive, high-quality facilities designed to enhance both your time here and future after you graduate.

Where could this course take you?

Commercial sectors such as the pharmaceutical, biotechnology and agriculture industries are employers of our graduates, especially with the increase of next-generation sequencing and the corresponding data analysis that is required. Graduates have also developed careers in conservation or qualified to immediately go into industries.

Past graduates of the School of Biosciences have also continued their academic careers as research assistants or pursued further study leading to a PhD.

There is also a current demand for science teachers and following the completion of a PGCE, this master's is suitable for those interested in a career in teaching. In fact, many of our graduates pursue careers in a wide range of fields, including management, where the skills obtained through this degree are of considerable benefit.


Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Professor Mal Horsburgh, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at m.j.horsburgh@liverpool.ac.uk

Got questions?



MSc EMERGING INFECTIONS AND PANDEMICS

Who is this course for?

This master's is for graduates from a Biomedical Sciences background who want to develop understanding and skills in statistical analyses, infection biology and disease surveillance, with the interdisciplinary expertise required to prevent, monitor and control medical and veterinary infectious disease outbreaks.

Course duration:

Full time, 12 months

About the course

The COVID-19 pandemic highlighted the major challenges of controlling the spread of infectious disease in a highly interconnected world. This had a massive impact on public health, the economy, social interaction and the way we work. While the pandemic revealed a lack of preparedness in many parts of the world, it was not the first and it will not be the last. Therefore, we need to develop a workforce that is able to respond to future pandemics and this course was created to do just that.

You will learn:

- **Statistical techniques in the design of experiments for research**
- **Critical evaluation skills**
- **Understanding of models and data results**

WHY STUDY?

- **Graduates in this area are highly sought after. The COVID-19 pandemic was not the first and it won't be the last - be a part of a new workforce that is able to respond to future pandemics.**
- **This practical programme will enable you to further develop your skills in communications and statistics beyond undergraduate level and will train you to critically evaluate and synthesise aspects of infectious diseases and immunology with practical applications in public health and outbreak control.**

CUTTING EDGE RESEARCH

We integrate cutting-edge research to benefit people, animals and ecosystems, nationally and globally.

TOP FACILITIES

Benefit from our supportive, high-quality facilities designed to enhance both your time here and future after you graduate.

HIGHLY SOUGHT AFTER

There is high demand for individuals with interdisciplinary skills in immunology, modelling, statistics, epidemiology, and public health policy is expected among STEM graduates.

Where could this course take you?

Graduates in this subject area are highly sought after. You will be equipped for a range of career opportunities in pandemic response – and future disease control and public health implementation – across the medical and veterinary sectors in academia and industry, as well as in government departments, international charities and non-governmental organisations.

There is high demand for individuals with interdisciplinary skills in immunology, modelling, statistics, epidemiology, and public health policy is expected among STEM graduates.

Commercial sectors such as the pharmaceutical, biotechnology and agriculture industries are also employers of our graduates, especially with the increase of next-generation sequencing and the corresponding data analysis that is required.

Potential career pathways include, but are not limited to, the roles of:

- PhD training in academia and/or industry
- Teaching in secondary/higher education
- Scientist employed by public sector agencies, NGOs or charities
- Scientist employed in private sector organisations with a focus on infection control, therapeutics and vaccines.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Professor Ben Makepeace, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at blm1@liverpool.ac.uk

Got questions?



MSc BIOINFORMATICS

Who is this course for?

Biosciences and technology are an integral part of the global economy. This course will equip you with the background in biology, statistical analysis, and computing skills necessary to work with modern biological data from genomic, proteomic and metabolomic studies.

Course duration:

Full time, 12 months

Part time, 24 months

Also available as an **Intercalated Degree**

About the course

Our Bioinformatics MSc has been designed with input from major industry players to meet the current and emerging skill gaps for professional bioinformaticians. You will learn a mass of knowledge and develop skills in:

- **Performing bioinformatics analyses**
- **Statistical techniques in the design of experiments in biological research**
- **Coding skills to perform tasks in the biological sciences.**
- **Knowledge in sequence analysis, phylogenetics and the modelling of proteins.**

WHY STUDY?

- **You'll be trained with an emphasis on hands-on practical experience, so that you can tackle your research project with confidence.**
- **There is demand for graduates in bioinformatics in the public sector, research institutes, governmental departments, the National Health Service, forensic sciences and the Environment Agency.**
- **There is also demand in pharmaceutical, biotechnology and agriculture industries.**

£30m

**INTERNATIONAL
EXCELLENCE**

6th

invested in our
state-of-the
art facilities

You will benefit from our excellent Research Centres, including the University of Liverpool Computational Biology Facility, the newly established Centre for Metabolomics, the Centre for Proteomics and the Centre for Genomic Research.

The School of Life Sciences is ranked 6th in Anatomy and Human Biology, the Guardian University Guide 2024

Where could this course take you?

Graduates with a Bioinformatics MSc are highly sought after. In the public sector, bioinformaticians are in demand in research institutes, government departments, the Health Service, forensic science and the Environment Agency.

Commercial sectors such as the pharmaceutical, biotechnology and agriculture industries are also employers of our graduates, especially with the increase of next-generation sequencing and the corresponding data analysis that is required.

There is also a current demand for science teachers and following the completion of a PGCE, this master's is suitable for those interested in a career in teaching. In fact, many of our graduates pursue careers in a wide range of fields, including management, where the skills obtained through this degree are of considerable benefit.

The MSc Bioinformatics prepares you for a diversity of job opportunities in the public and private sector. Potential career pathways include, but are not limited to, the roles of:

- Bioinformatics Scientist
- Research Scientist
- Biostatistician
- Bioinformatician
- Molecular Biologist
- Microbiologist.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



Got questions?

I'm Dr Francesco Del Carratore, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at francesco.del-carratore@liverpool.ac.uk

MSc BIOTECHNOLOGY

Who is this course for?

If you have a background in biological sciences or a similar subject and would like to become a professional scientist in your chosen area of biotechnology, this programme has been designed to give you the skills you need and to ensure that current skill gaps and emerging skill needs are being addressed.

Course duration:

Full time, 12 months

Part time, 24 months

Also available as an **Intercalated Degree**

About the course

Our Biotechnology MSc has been designed with input from major industry players to ensure that current skill gaps and emerging skill needs are being addressed. Just some of the topics you will learn about include:

- **Modern biotechnology, bioimaging tools and approaches.**
- **Statistical techniques in the design of experiments in biological research.**
- **The understanding of the grand challenges in biotechnological applications.**
- **Key aspects of computational biology.**

WHY STUDY?

- **Programme modules encourage you to work individually and as a group, tackling problems by developing ideas and hypotheses, designing learning strategies to solve problems, and then analysing and interpreting your findings.**
- **We deliver our teaching through a mixture of methods such as lectures, seminars, workshops, group discussions and e-learning.**

£30m

invested in our
state-of-the
art facilities

INTERNATIONAL EXCELLENCE

You will benefit from our excellent Research Centres, including the University of Liverpool Computational Biology Facility, the newly established Centre for Metabolomics, the Centre for Proteomics and the Centre for Genomic Research.

6th

The School of Life Sciences is ranked 6th in Anatomy and Human Biology, the Guardian University Guide 2024

Where could this course take you?

Graduates with an MSc in Biotechnology are well equipped to enter a wide range of employment options.

The programme provides you with the necessary knowledge and skills to become a professional scientist in your chosen area of biotechnology. It has been specifically designed to enhance students' careers in different biotechnology sectors in a variety of research, product and technology development, and leadership roles.

Furthermore, upon successful completion of the MSc you may wish to continue with your education by studying for a PhD.

In the public sector, graduates from this programme are in demand in research institutes, government departments, the Health Service, forensic science and the Environment Agency. There is also demand currently for graduates with specialisations in science or computing to enter the teaching profession.

The MSc Biotechnology prepares you for a diversity of job opportunities in the public and private sector. Potential career pathways include, but are not limited to, the roles of:

- Research Scientist
- Biomedical Engineer
- Consultant
- Biological/Clinical Technician
- Biomanufacturing Specialist.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Fabia Allen, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at fabia.allen@liverpool.ac.uk

Got questions?



MSc CANCER BIOLOGY AND THERAPY

Who is this course for?

This masters programme is for graduates from a Biomedical Sciences background who want to pursue a career in cancer research.

The Cancer Biology and Therapy MSc will provide you with a high level understanding of the theory and practice of cancer research and how to connect cancer-related biomedical research with clinical applications.

Course duration:

Full-time, 12 months

Also available as an **Intercalated Degree**

About the course

You will learn **theory** and **practice** of cancer research, how to connect cancer-related biomedical research with clinical applications, the identification of novel targets, through their validation in pre-clinical tumour models, and ultimately their validation in early phase clinical trials. Our “**bench to bedside**” approach enables you to work in a **multidisciplinary environment** of **world leading scientists** and **cancer specialists** to address the latest cancer research challenges. You’ll have the opportunity to join a cancer **research team** and pursue a **research project**, exposed to the latest cutting edge technologies in cancer research.

WHY STUDY?

- The city of Liverpool is a centre for excellence in cancer care.
- We have proud and strong links with the new Clatterbridge Cancer Centre, making the University of Liverpool the perfect place to hone your knowledge and skills in this area.
- You will be taught by both internationally renowned biomedical scientists and clinicians in practice, with in depth scientific knowledge of the molecular mechanisms driving different cancer diseases.

£30m

invested in our
state-of-the-
art facilities

**STRONG
INDUSTRY
LINKS**

Including the
Clatterbridge
Cancer Centre

6th

The School of Life
Sciences is ranked 6th
in Anatomy and
Human Biology, the
Guardian University
Guide 2024

Where could this course take you?

If you're committed to a career as a research scientist, this programme will enable you to continue your studies to PhD level and go on to apply for research posts in academia or industry. Similarly, it'll allow you to apply for management posts in clinical trial units.

In the public sector, researchers are in demand in research institutes, government departments, the Health Service, forensic science and the Environment Agency.



The University of Liverpool comes with many academic experts in cancer research, from basic to translational and clinical cancer research, who are all very passionate about cancer research and truly dedicated to train their students and shape the next generation of cancer researchers.



Medina Abdula, MSc Cancer Biology and Therapy graduate

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Gabrielle Grundy, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at gabrielle.grundy@liverpool.ac.uk

Got questions?



MSc PHARMACOLOGY AND TOXICOLOGY

Who is this course for?

This is for graduates with a biomedical sciences background who want to pursue a career in pharmacology and toxicology.

The Pharmacology and Toxicology MSc will provide you with an advanced understanding of the development of therapeutics, for applications in many communicable, and non-communicable diseases.

Course duration:

Full-time, 12 months

Part-time, 24 months

About the course

This course will provide you with an advanced understanding of the **development of therapeutics**, for applications in many communicable, and non-communicable diseases. You will gain in-depth scientific knowledge and will receive training for research that can be applied to academic, commercial and healthcare settings. In your first semester, you will study topics including:

- **Major organ toxicities,**
- **Pharmacogenetics**
- **Development of in vitro test systems,**
- **Nanotoxicology and Computational/ systems toxicology.**

WHY STUDY?

- **The course is led by internationally recognised experts in the field of pharmacology, toxicology, and biocompatibility from both non-clinical and clinical departments.**
- **We put emphasis on developing your digital, programming and informatic skills as they are of increasing importance for research and many employers.**

£30m

invested in our state-of-the-art facilities

WORLD CLASS

You will benefit from the schools experience in delivering dynamic, world-class, inspirational research-led teaching. We are a melting-pot for the study of the biological sciences, and have been for over 140 years.

6th

The School of Life Sciences is ranked 6th in Anatomy and Human Biology, the Guardian University Guide 2024

Where could this course take you?

The Pharmacology and Toxicology MSc will provide you with the necessary knowledge and skills to become a professional scientist in the multidisciplinary areas of pharmacology and toxicology.

Commercial sectors such as the pharmaceutical, biotechnology and agriculture industries will be possible employers of graduates, especially with the anticipated increases in the development of new therapeutics, to meet emerging infectious diseases.

In the public sector, researchers are in demand in research institutes, government departments, the Health Service, forensic science and the Environment Agency.

For those committed to a career as a research scientist, this programme will qualify you to be able to take up PhD studies, research posts in academia or in industry or management posts in clinical trial units.

In the public sector, researchers are in demand in:

- Research institutes
- Government departments
- The NHS
- Forensic science
- Environment Agency

For those committed to a career as a research scientist, this programme will qualify you to be able to take up PhD studies, research posts in academia or in industry or management posts in clinical trial units.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Professor Neill Liptrott, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at neill.liptrott@liverpool.ac.uk

Got questions?



MRes **ADVANCED BIOLOGICAL SCIENCES**

Who is this course for?

If you're looking to move into a career in science, whether in academia, industry or biomedicine research, this MRes will enable you to develop advanced knowledge, skills and understanding in biological sciences. This course introduces you to contemporary research methods, advanced statistical techniques and specialist subject knowledge.

Course duration:

Full time, 12 months

Part time, 24 months

Also available as an **intercalated degree**

About the course

A **year-long research project**, under the supervision of an expert tutor, forms the central part of the course. Selecting the right project is a key decision and we'll help you choose a topic relevant to your interests and career plans.

Complementing the research project are taught modules. These provide key underpinning knowledge of the **research methods** and **technologies** that drive **contemporary research** in biological sciences.

WHY STUDY?

- You'll be supported in undertaking an extended research project in preparation for potential PhD study and a career as a research scientist.
- You'll have access to a network of peers, researchers and professionals engaged in biological research.
- A range of optional modules provide the opportunity to undertake further tailored research training, receive a grounding in essential statistical techniques and study specialist areas of biological science in-depth.

£30m

invested in our state-of-the-art facilities

WORLD CLASS

You will benefit from the schools experience in delivering dynamic, world-class, inspirational research-led teaching. We are a melting-pot for the study of the biological sciences, and have been for over 140 years.

4 in 5

Biosciences students from the University of Liverpool find their main activity after graduation meaningful - Graduate Outcomes 2018-19

Where could this course take you?

You'll graduate with the skills and knowledge required for PhD study and be well prepared for a career as a research scientist in academia or industry. In the public sector, graduates in biological sciences are in demand in research institutes, government departments, the National Health Service, and the Environment Agency. Commercial sectors that actively recruit biological science graduates include the pharmaceutical, food, biotechnology, conservation, water and agriculture industries.



I've enjoyed the size of the course as it's small so I know I will always be heard and it's easier to make friends, I've met so many people with similar interests to me! Also, being able to be a part of real research is amazing. I feel like I learn so much every day and I have accomplished so much already, it's all very exciting.

Caitlin Connor, MRes Advanced Biological Sciences



Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Svetlana Antonyuk, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at s.antonyuk@liverpool.ac.uk

Got questions?



MRes BIOMEDICAL SCIENCES AND TRANSLATIONAL MEDICINE

Who is this course for?

This MRes is made for students who will benefit from studying in a translational research-intensive environment. It aims to be equally relevant to students from a variety of specialist disciplines and career routes including biological sciences, medicine, veterinary medicine, allied health professions and sports science.

Course duration:

Full time, 12 months

Also available as an **intercalated degree**

About the course

The MRes in Biomedical Sciences and Translational Medicine programme will enable you to develop an advanced knowledge of biomedical sciences and its application to translational medicine. The programme is divided into nine pathways, of which you will choose one:

- **Biology of Cancer**
- **Biomedical Imaging and Biosensing**
- **Cancer Medicine**
- **Cellular and Molecular Physiology**
- **Medical Science**
- **Molecular and Clinical Gastroenterology**
- **Neuroscience**
- **Pharmacology and Therapeutics**
- **Stem Cells, Tissues and Disease.**

WHY STUDY?

- **Learn advanced knowledge and critical understanding of biomedical sciences and how it relates to health, disease and translational therapeutic interventions**
- **The School of Biosciences offers world-class, inspirational research-led education across the full biosciences spectrum.**
- **The School works in close partnership with other disciplines across the Faculty of Health and Life Sciences, offering students the freedom to cross discipline boundaries.**

£30m

invested in
our state-
of-the-art
facilities

WORLD CLASS

You will benefit from the schools experience in delivering dynamic, world-class, inspirational research-led teaching. We are a melting-pot for the study of the biological sciences, and have been for over 140 years.

6th

The School of Life Sciences is ranked 6th in Anatomy and Human Biology, the Guardian University Guide 2024

Where could this course take you?

This course provides valuable research experience to clinicians and can support career progression or help enter a clinical academic pathway. In the public sector, graduates at master's level are in demand in research institutes, government departments, the Health Service, and the Environment Agency.



“

The way that the course is set up here in the University of Liverpool, you get to spend more time in the lab, so you have fewer lectures and can really concentrate on your project. I couldn't have progressed so quickly if I hadn't done the MRes.

Fiazia Yaseen, MRes Biomedical Sciences and Translational Medicine Graduate

”

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Alec Simpson, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at Awms@liverpool.ac.uk

Got questions?



MRes CLINICAL SCIENCES

Who is this course for?

Want to pursue a career in biomedical research in the academic, industrial or public sectors? This course is for you!

The programme is for intercalating medical, dental and veterinary students and medical, biomedical and biological science graduates.

Course duration:

Full time, 12 months

Part time, 24 months

Also available as an **Intercalated Degree**.

About the course

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.**
- **Women and Children's Health.**

WHY STUDY?

- Our team of MRes supervisors are actively engaged in research that makes a real impact.
- Whichever of the pathways you choose, you'll receive intensive preparation for your future career including PhD study.
- 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.

£30m

invested in our state-of-the-art facilities

WORLD CLASS

You will benefit from the schools experience in delivering dynamic, world-class, inspirational research-led teaching. We are a melting-pot for the study of the biological sciences, and have been for over 140 years.

6th

The School of Life Sciences is ranked 6th in Anatomy and Human Biology, the Guardian University Guide 2024

Where could this course take you?

You could enter a wide range of medical and scientific roles or pursue a career in industry or academia. Your increased skillset may well be suited to many leadership roles and opportunities, including a career in accountancy or human resources. Clinical sciences graduates are in demand in research institutes, government departments, the NHS, and the Environment Agency. You could be well prepared for graduate entry medicine training or pursue PhD study in preparation for a future career as a research scientist.



The course has profoundly enhanced my research skill, in particular on musculoskeletal ageing. This is very important for my career as a specialist in metabolic bone disease and osteoporosis when I go back to my country.

Atiporn Therdyothin, MRes Clinical Sciences Graduate



Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Professor Helen Wallace, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at hwallace@liverpool.ac.uk

Got questions?



MSc PALLIATIVE AND END OF LIFE CARE

Who is this course for?

The course is designed for all healthcare and allied professionals who support patients with life limiting illness (gerontology, respiratory, oncology, cardiology), including doctors, nurses, and physiotherapists. You will develop critical understanding of the evidence that underpins the practice and development of Palliative and End of Life Care services.

Course duration:

Full-time, 12 months

Part-time, 36 months

Also available as an **Intercalated Degree**
or as **CPD modules**

About the course

This course is rooted in learning good practice, engaging clinical, academic, organisational, political and international perspectives on current and future challenges of Palliative and End of Life Care, alongside **work-based learning** placement opportunities within specialist palliative care settings.

You will learn **core competencies** identified for Core Medical Trainees and Specialist Trainees in **general practice, paediatrics, elderly medicine and general internal medicine.**

WHY STUDY?

- **Work-based learning placements within specialist palliative care settings will provide you with the opportunity to contextualise learning within the programme.**
- **You'll be taught by enthusiastic, approachable staff who are all active researchers and/or practising clinicians.**
- **As part of the School of Medicine you will benefit from close links with other schools and research institutes within both the Faculty of Health and Life Sciences and wider University to create exciting interdisciplinary opportunities for research and learning.**

WORK-BASED LEARNING

Placements within specialist palliative care settings will provide you with the opportunity to contextualise learning within the programme.

SINCE 1834

We have been developing caring, clinically outstanding, research-ready doctors since 1834.

EXPERT ACADEMICS

With unrivalled access to a range of specialist hospitals and teaching from expert clinicians and researchers, you will develop the skills, knowledge and confidence for lifelong professional success.

Where could this course take you?

For clinicians who complete the course, the programme maps directly onto relevant postgraduate training curricula and will directly enhance the career and employment prospects of clinicians in training. The programme will also support the current and future careers of clinicians in other related areas of medicine and allied health professionals.



“The faculty is amazing and encouraging, the subject is outstanding, there are several chances for research, and we get to see how what we learn in class is applied in the real world.”

Anshruta Biswas, MSc Palliative and End of Life Care Graduate, 2023

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Stephen Mason, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at stephen.mason@liverpool.ac.uk

Got questions?



MSc GLOBAL HEALTHCARE ETHICS

Who is this course for?

This MSc Programme is designed primarily for healthcare and allied healthcare professionals but welcomes intercalating medical and dentistry students and other home and international students with interests in global healthcare issues, including those from relevant humanities subjects.

Course duration:

Full-time: 12 months

Part-time: 36 months

Also available in **CPD modules**

About the course

This course will provide opportunities to explore and understand **ethical challenges** of **healthcare delivery** in a **global context**. As world population becomes increasingly mobile, healthcare professionals are managing a broader range of health care problems. Our courses' **unique design** focuses on **bioethical issues** as they appear in practice and goes beyond it by exploring how **different cultures and healthcare systems** tackle these problems. At the same time, the programme provides a greater understanding of **socio-cultural** and **economic aspects** of healthcare at a global level.

WHY STUDY?

- The course is delivered in an international environment where students from across the world share their experiences and best practice.
- This programme is unique in that it will apply ethical principles to everyday practice and will explore the moral problems encountered by health care professionals across a range of clinical scenarios
- This programme will be taught by a wide range of clinicians and research experts across health and key clinical research programmes within the University of Liverpool and the wider hospital communities.

**SINCE
1834**

FLEXIBLE

**EXPERT
ACADEMICS**

We have been developing caring, clinically outstanding, research-ready doctors since 1834.

The programme has a flexible blended learning structure that gives students the opportunity to engage with ethicists and health professionals and to share their experiences and ethical dilemmas.

With unrivalled access to a range of specialist hospitals and teaching from expert clinicians and researchers, you will develop the skills, knowledge and confidence for lifelong professional success.

Where could this course take you?

With global healthcare ethics recognised as a priority by WHO, this course will prepare you for an international career in healthcare. It will also help with your academic progression and prepare you for working within academia, by offering an excellent basis for a future PhD in bioethics or connected areas.

If you are a healthcare professional from abroad this MSc will enhance your chances to get professional recognition in the UK, by familiarising you with the GMC ethics requirements and professionalism.



While working during the pandemic as a healthcare worker I understood the importance of ethics and when I went through the course details on the university website it was something that maybe no other university offers, especially the modules including the clinical ethic aspect and that is what interested me the most.

Deval Ramdev Uditra, MSc Global Healthcare Ethics 2023




Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Elena Teodora Manea Hauskeller (Teo), the course Programme Director. If you'd like to chat about the course or have questions, please contact me at Elena.Teodora.Manea-Hauskeller@liverpool.ac.uk

Got questions?



PGCert CLINICAL ANATOMY WITH EDUCATION

Who is this course for?

This course is suitable for clinical or pre-clinical graduates, or those with a substantial element of their first degree focused on anatomy.

The course provides you with comprehensive training in contemporary clinical and educational applications of anatomy, to enhance your employability whether your career path is educational, clinical or scientific in nature.

Course duration:

Part time, 8 months

About the course

An exploration of the **principles of anatomy** will reveal the structural and functional building blocks of different body systems. You'll examine the relationship between structure and function at **cellular, tissue, organ and system levels**.

This course is made up of 3 compulsory modules:

- **Principles of Human Anatomy**
- **Anatomical Education**
- **Clinically Applied Anatomy**

You'll be assessed through a combination of written assignments, presentations, spotter-style exams, self-reflection, and the creation of educational resources.

WHY STUDY?

- You will have access to Centres of Clinical Excellence across the UK.
- Flexible delivery supporting health professionals throughout their careers
- The Human Anatomy Resource Centre (HARC) is a specialist facility for anatomical education and research. It delivers training to thousands of students and professionals each year, from an array of clinical, scientific and allied health disciplines.

FLEXIBLE & PRACTICAL

The majority of the course is delivered online. One face-to-face week per semester provides the opportunity for hands-on practical activities and small-group workshops in the Human Anatomy Resource Centre

OVER 180 YEARS

of training healthcare specialists

HARC

This programme is run by our Human Anatomy Resource Centre (HARC) - a dedicated facility for the teaching of human anatomy.

Where could this course take you?

The programme provides you with comprehensive training in contemporary clinical and educational applications of anatomy. It is designed to enhance your employability whether your career path is educational, clinical or scientific in nature. You'll graduate with the expertise needed to design, facilitate and deliver anatomical educational experiences.

The course provides a platform to a career in areas including anatomy, medical education, clinical practice, surgery, allied health disciplines or scientific research.

It could also be the gateway to further study to complete a master's degree and potentially embark on a PhD.

Find out more

To find out more about the course, including module information, fee details and specific entry requirements, scan the QR code.



I'm Dr Neil Thomas, the course Programme Director. If you'd like to chat about the course or have questions, please contact me at Neil.Thomas@liverpool.ac.uk

Got questions?

