

COURSES FOR INTERNATIONAL STUDENTS

POSTGRADUATE

2020





LIVERPOOL

**A GREAT PLACE TO LIVE,
A GREAT PLACE TO STUDY**



One of the most affordable and safe student cities in the UK, Liverpool is packed with attractions. There's a legendary music scene that's bigger than the Beatles; a city centre brimming with clubs, pubs, bars, restaurants and cafés; award-winning shopping facilities, museums, galleries and theatres, not to mention two Premier League football clubs, golf courses, beautiful parks and outstanding countryside just a short drive away.

Come to study in this magnificent city and you are guaranteed a second home for life.

When it comes to exploring Liverpool, there are plenty of opportunities to get involved with the city's culture and arts scene during your studies. Listen to live concerts of all genres from classical orchestras to local bands, watch a performance in one of the city's many theatres or visit our great art galleries and museums with exhibitions to suit everyone's interests. As an LJMU student, you will have world-class attractions and exciting events on your doorstep to enjoy all year round.

Throughout your application we will take great care to make sure you have all the information and support you need to plan for your studies at LJMU. This includes advice on immigration procedures, travel, accommodation or any other information you might need.

- A globally recognised university
- Ranked in the top 150 Universities under 50 years old in the world (*Young University Rankings 2019, Times Higher Education*)
- The University has invested over £160 million over the last 10 years in new capital projects and modernising existing buildings and facilities
- All new LJMU international students are guaranteed a place in high quality University-approved student accommodation

WE'VE BEEN GOING A LONG TIME

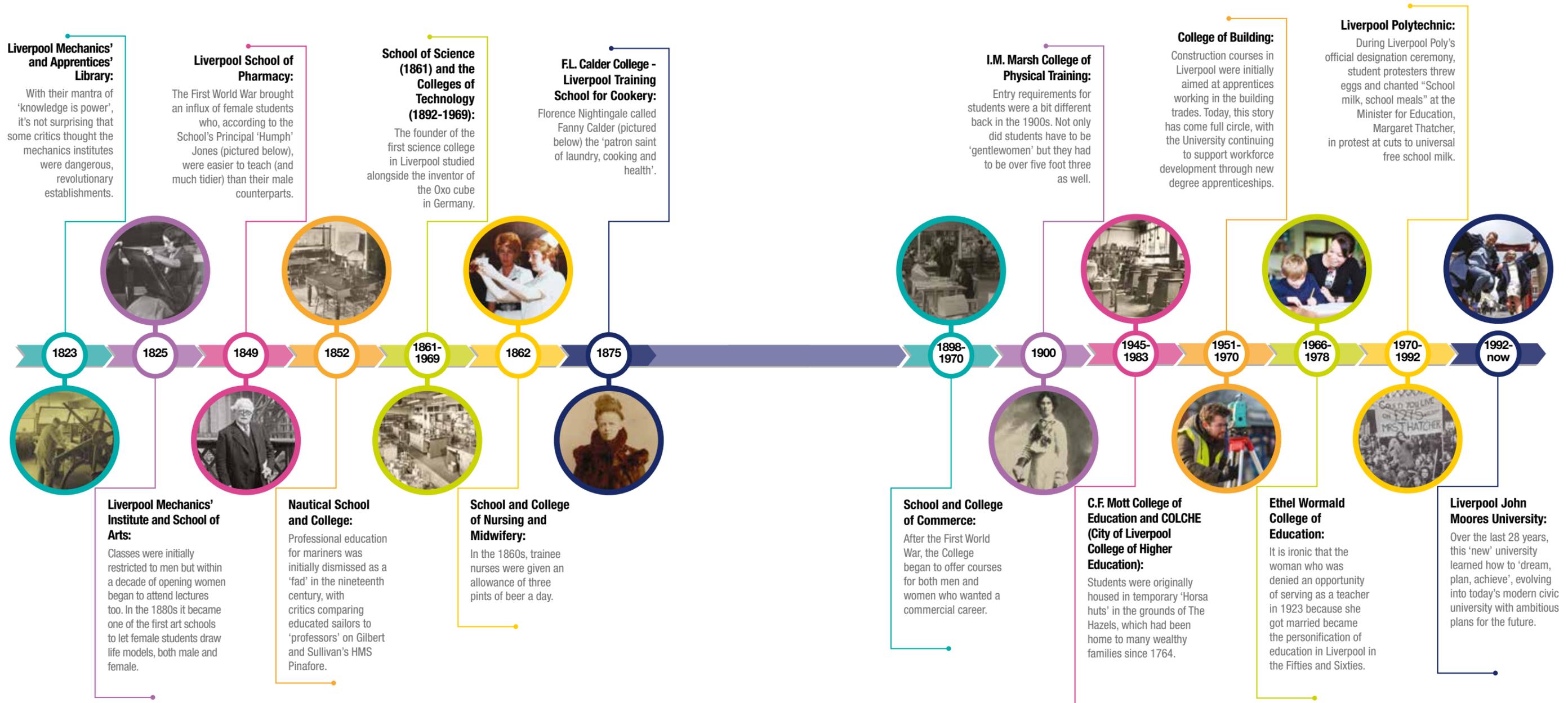
LJMU can trace its roots back to 1823 and the foundation of Liverpool Mechanics' and Apprentices' Library. We've come a long way since then, becoming a university in 1992 and now, 129 of our courses are ranked in the UK top 50*.

Throughout our history we have championed education for all; from our earliest students in the nineteenth century through to today's skilled graduates, who are driving forward twenty-first century innovations and economic success, both in the UK and overseas.

We take our name from one of the UK's most successful businessmen, Sir John

Moore, who turned his love of football into a business empire that was worth millions. Born into a working class family, he proved that, with vision and hard work, anyone can achieve success.

So if you have talent and are willing to work hard and grasp every opportunity that comes your way, we are the University that can help you achieve your ambitions.



*The Guardian University Guide 2020

10 FACTS ABOUT LJMU

TOP 50

129 OF OUR COURSES ARE RANKED **TOP 50** IN THE GUARDIAN UNIVERSITY LEAGUE TABLES 2020



20,000+ STUDENTS
200+ UNDERGRADUATE COURSES

RANKED IN THE WORLD
TOP 150
UNIVERSITIES UNDER THE AGE OF 50

Times Higher Education Young University Rankings 2019



OVER **95%** OF STUDENTS IN WORK OR FURTHER STUDY WITHIN 6 MONTHS OF GRADUATION
DLHE Survey 2016/17

FIRST UNIVERSITY TO RECEIVE
TWO
COMMENDED JUDGEMENTS BY THE QAA*



£4M AWARDED ANNUALLY IN **SCHOLARSHIPS, PRIZES AND HARDSHIP FUNDS**



84% OF STUDENTS SURVEYED SAID THEY WERE **SATISFIED** WITH THEIR OVERALL LJMU STUDENT EXPERIENCE**
National Student Survey 2019

100+ CLUBS AND SOCIETIES




LJMU OUTPERFORMS THE SECTOR AVERAGE FOR STUDENT SATISFACTION IN:

- ACADEMIC SUPPORT
- LEARNING RESOURCES
- LISTENING TO THE STUDENT VOICE
- ITS INCLUSIVE STUDENT AND STAFF COMMUNITY

NATIONAL STUDENT SURVEY 2019

RANKED **#6**
LIVERPOOL IS ONE OF THE **MOST AFFORDABLE UNIVERSITY CITIES IN THE UK** – RANKED
Liberty Living Study 2019



*Quality Assurance Agency for Higher Education (QAA) **National average 84% NSS 2019 'overall satisfaction'

HOW TO APPLY FOR POSTGRADUATE STUDIES

To apply for a postgraduate taught degree course at LJMU, you will need to take the following steps:

STEP 1

Use our online search tool to select the course you are interested in and choose the option to 'Apply Direct'.

www.ljmu.ac.uk/study/courses

If you are applying for a PhD, you will need to submit a Research Enquiry Form and identify a supervisor before completing the online application form.

www.ljmu.ac.uk/study/postgraduate-students/how-to-apply/research-enquiry-form

STEP 2

Complete your online application form at <https://uaf.ljmu.ac.uk/>

Try to have the following to hand when completing an application form:

- Details of your qualifications – your course transcripts are ideal
- Details of any relevant work experience – perhaps a work reference, if applicable
- A personal statement indicating any relevant skills you may have and why you are suited to your course of choice
- Your passport / residency details
- Details of your education consultant or sponsor, if applicable

STEP 3

Await a confirmation of your application. If you have not provided all of the information we need, we may send you a further information request to the email address you have provided. We will then assess your application and make a decision.

STEP 4

When you have met all the conditions of any offer, we will then request that you pay a tuition fee deposit to secure your place at the University. There are some exceptions to this; if you are receiving funds from an external source for example. For more information on deposit payments, please see our website:

www.ljmu.ac.uk/international/holding-offer-of-study/tuition-fee-deposit

STEP 5

Complete an online acceptance form. If we are able to make you an unconditional offer, we will ask you to complete an online acceptance form to confirm your details so that we may then release your Confirmation of Acceptance for Studies (CAS). Once this is done, you will then be able to apply for a Tier 4 Study Visa.

Faculty of Arts, Professional and Social Studies

- | School of Justice Studies
- | Liverpool School of Art and Design
- | School of Humanities and Social Science
- | Liverpool Screen School
- | School of Education

School of Justice Studies

CRIMINAL JUSTICE

MA

Study full-time over one year.

Entry Requirements: Minimum 2:2 ideally in Criminal Justice, Criminology, Sociology, Law or related Social Science and Humanities subjects

or

To demonstrate a comparable academic standard through past studies and/or work experience, with a genuine enthusiasm to study issues related to the organisation and delivery of criminal justice

IELTS: 6.5 (Minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:

Noel Cross
N.Cross@ljmu.ac.uk

This course is a stand-alone qualification designed to enhance your career prospects in criminal justice agencies, the probation service and the police.

WHY STUDY THIS COURSE AT LJMU?

This Masters in Criminal Justice offers the opportunity for students, practitioners, and criminal justice professionals to critically engage with a broad range of issues that impact on the effectiveness and integrity of the workings of the criminal justice system.

Through exploring a series of theoretical and policy-orientated debates relevant to the delivery of contemporary crime control and management, and assessing their cultural, social and symbolic consequences, the course helps you to develop a comprehensive and critically aware understanding of the manufacture and delivery of criminal justice policy.

During the programme you will evaluate discriminatory practice in the criminal justice process and the causes of miscarriages of justice. Your evaluations will be informed by a critical understanding of sources of data and research methodologies and, through option modules, you will develop an in-depth knowledge of particular issues relating to criminal justice in England, Wales and elsewhere.

TEACHING AND ASSESSMENT

Typically, students attend teaching on two or three days per week. Days of attendance vary according to timetabling requirements.

Teaching is delivered through a series of lectures, workshops and seminars by expert staff and local criminal justice professionals. The teaching team will ensure that you will critically engage with the theory, policy and practice of the institutions and agencies of criminal justice.

The focus on research training will equip you with the key transferable skills required to undertake original, empirical research.

Assessment methods on this course include essays, projects, portfolios, dissertation and presentations.

GRADUATE EMPLOYMENT

This course offers vocationally relevant knowledge and skills. It will be particularly relevant if you are currently working with or would like a career involving criminal justice agencies, the probation service, social science departments, the police or community-based correction/treatment agencies.

CRIMINOLOGY AND SOCIAL POLICY

MA

Study full-time over one year.

Entry Requirements: Minimum 2:1 Honours degree in a relevant subject.

IELTS: 6.5 (Minimum 5.5 in each component) or equivalent

Fees: £15,600

Programme Leader:

Stephen Wakeman
S.J.Wakeman@ljmu.ac.uk

This course offers critical approaches to the study of crime, social harm and criminal justice.

WHY STUDY THIS COURSE AT LJMU?

The study of Criminology goes beyond the institutions of the criminal justice system; you will be encouraged to take a critical approach that examines issues of power, inequalities and social harm.

This interdisciplinary MA gives you the chance to look at Criminology from the perspective of various other disciplines such as Geography, History, Psychology, Political Science and Sociology.

As well as developing your advanced skills in research and theoretical application, the programme places a strong emphasis on the implications for policy and practice. It includes a strong comparative component, encouraging students to consider some of the international dimensions of crime, social harm and state responses to them.

You will study the following modules:

Pathway 1: Research-based route

- Masters Dissertation Project
 - Advanced Criminological Skills: A Guide to Researching and Theorising Crime and Society
- Pathway 2: Practice-based route
- Masters Placement Project
 - Advanced Criminological Skills: A Guide to Researching and Theorising Crime and Society

Optional modules are also available covering topics such as:

- Social Divisions, Crime and Social Policy
- Comparative Criminology: International Perspectives on Crime and Justice
- Critical Criminology and The State: Historical and Contemporary perspectives

TEACHING AND ASSESSMENT

Teaching is delivered via a combination of lectures, workshops, seminars and one-to-one consultations with your tutors. You are expected to study independently and conduct your own self-directed research alongside contact hours.

The teaching team is committed to ensuring you get the most out of your learning experience. Staff have office hours during which you can visit them to discuss your work and progress. You will also be allocated a personal tutor who will guide and support you throughout your time at LJMU.

GRADUATE EMPLOYMENT

The MA Criminology and Social Policy degree would be particularly relevant to people working in, or hoping to work in, a range of fields including: research, government, teaching and social work.

INTERNATIONAL AND TRANSNATIONAL POLICING

MSc

Study full-time over one year.

Entry Requirements: Minimum of 2:2 in Policing, Criminology, Criminal Justice or a related subject.

IELTS: 6.5 overall (minimum of 5.5 in each component)

Fees: £15,600

Programme Leader:

Dr Adrian James
a.d.james@ljmu.ac.uk

This MSc from LJMU enables you to pursue academic interests in international and transnational policing in a nurturing and multi-disciplinary environment.

WHY STUDY THIS COURSE AT LJMU?

Join the Liverpool Centre for Advanced Policing and be part of a growing area of research. You will work alongside other students, researchers and leading academics in this new and exciting field.

The British public policing model is respected universally and police departments all over the world have even adopted it. This programme critically assesses the adoption of that model in other nations. Students also critically examine the work of international policing and criminal justice organisations.

Policing is often an international partnership between forces and national agencies, so a deep understanding of issues affecting contemporary law enforcement is required. This Masters programme will enable you to critically explore key issues and conduct exciting new research in this diverse area.

Under the guidance of specialist supervision and among a diverse community of fellow researchers, you will gain a valuable foundation, building skills in research, analysis, conceptualisation, argument and presentation – all highly prized in many areas of employment.

You will study the following modules:

- Policing in Context
- Advanced Research Skills
- International and Transnational Policing
- Transnational Organised Crime
- Policing in Conflict and Post-Conflict Zones
- Terrorism
- Dissertation

TEACHING AND ASSESSMENT

The course offers a range of approaches to learning, with peer and tutor feedback greatly encouraged. Workshop activities and tutor support facilitate formative feedback to enable you to work on your weaknesses and build on your strengths.

All Policing Studies students have opportunities to learn directly from practitioners via workshops and masterclasses. The latter are held each month and include talks from a range of eminent experts, professionals and practitioners, from Leader of the North West Circuit, David Steer QC to UN Police Advisor, Chief Inspector Cecilia Dunster and Marie McCourt, mother of 'no-body' murder victim, Helen McCourt.

GRADUATE EMPLOYMENT

Policing and other related public sector fields currently suffer a skills gap in relation to quantitative research. This programme aims to fill that gap.

Students with an interest in pursuing an academic path will be encouraged to progress to PhD level and this MSc plays an important development role in that process.

You may consider a career in the police service or in areas connected to investigation, security or criminal justice e.g. the armed services, prison service, social work or criminal justice-related roles within the Civil Service. If you are already in employment, the MSc will prepare you to specialise in your area of interest.

POLICING AND CRIMINAL INVESTIGATION

MSc

Study full-time over one year

Entry Requirements: A good second class honours degree in a policing studies or related social sciences discipline. Non-standard applications are welcome.
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: £15,600
Programme Leader: Heather Panter H.A.Panter@ljmu.ac.uk

Study Policing and Criminal Investigation and work with crime victims and witnesses to enhance your knowledge and key skills in this area.

WHY STUDY THIS COURSE AT LJMU?

The MSc Policing and Criminal Investigation has been designed to address the skills gap identified by the police service in relation to quantitative research. It combines supervised independent research with specialist training in research methods and academic skills, whilst also helping students become aware of emerging approaches currently practiced in the discipline.

Working with crime victims and witnesses, you will explore the links between investigation, forensics and psychology. You will focus on investigative issues, gaining the knowledge and practical skills to operate as a crime investigator in serious and complex cases.

Ideal for serving officers and those about to embark on their policing or academic career, the programme offers excellent employment opportunities in policing/ investigative work, private investigation and with bodies such as Trading Standards and HM Revenue & Customs. The programme also offers a valuable foundation for progression to PhD.

As a student on this course you will be part of the new Liverpool Centre for Advanced Policing Studies, the UK's first research centre devoted to supporting the needs of 21st century policing.

LSJS boasts significant expertise in the Policing sector with tutors whose academic and professional backgrounds enable you to explore and engage with policing debates at national, international and transnational levels. LSJS tutors are particularly interested in research methodologies that cross the boundaries of different research disciplines.

The Centre's suite of qualifications focuses on developing knowledge and skills that complement the professionalisation agenda being pursued by the police service. LSJS works with the College of Policing and policing organisations, to ensure that course content is relevant and current. Notable areas of strength include the investigation of complex and serious offences; pro-active investigation; investigative interviewing; forensic and medico-legal death; organised crime; terrorism; and intelligence and security.

You will study the following modules:

- Policing in Context
- Advanced Research Skills
- Advanced Investigation Skills
- Forensic and Medico-legal Death
- Forensic Cognition: Violence and Victims
- Investigative Interviewing
- Dissertation – Policing

TEACHING AND ASSESSMENT

You will be taught via a combination of lectures, workshops and seminars. You will also need to participate in online activities and discussions using our virtual learning environment, Canvas.

Your work will be assessed using various methods, including: scholarly essays; annotated bibliographies; reflective research exercises; position papers; reports; case studies and portfolios; online blogs and wikis; workplace practice; posters; oral presentations (individual and group); debates; reviews; group work and the dissertation/research project. Dedicated supervisors offer expert knowledge, guidance and support to students as they complete their dissertation. You will receive extensive written feedback on assessments. All feedback is designed to help you achieve your full potential and get the most out of your studies.

GRADUATE EMPLOYMENT

If your career aspirations lie in investigative work, this MSc will develop your investigative skills and prepare you for career success. Policing and other related public sector fields currently suffer a skills gap in relation to quantitative research so there are opportunities for employment or career progression for those with these skills.

On completion of your MSc, you may consider a career in the police service or in areas connected to investigation, security or criminal justice e.g. the armed services, prison service, social work or criminal justice-related roles within the Civil Service. If you are already in employment, the MSc will prepare you to specialise in your area of interest.

Those who demonstrate appropriate levels of application and achievement will be encouraged to progress to PhD level.

POLICING AND CYBERCRIME

MSc

Study full-time over one year

Entry Requirements: A good second class honours degree in a policing studies or related social sciences discipline. Non-standard applications are welcome.
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: £15,600
Programme Leader: Stephen Moss S.J.Moss@ljmu.ac.uk

This Policing and Cybercrime masters will enable you to explore the interface between policing and computing, developing the skills required for contemporary crime investigation.

WHY STUDY THIS COURSE AT LJMU?

Computer forensics and cybercrime are relative newcomers to the world of policing and this programme has been designed to fill the resulting skills gap. MSc Policing and Cybercrime combines supervised independent research with specialist training in research methods and academic skills, whilst also helping students become aware of emerging approaches currently practiced in the discipline. Based in the Liverpool Centre for Advanced Policing Studies, this collaborative programme with the Faculty of Engineering and Technology reflects increasing police involvement in computer forensics/ cybercrime. It offers a fascinating insight into the interface between policing and computing and prepares you for a career in contemporary crime investigation.

Ideal for serving officers and those about to embark on their policing or academic career, the programme offers excellent employment opportunities in policing and fraud investigation and a valuable foundation for progression to PhD. The Centre's suite of qualifications focuses on developing knowledge and skills that complement the professionalisation agenda being pursued by the police. LSJS works with the College of Policing, and local and national police organisations, to ensure that course content is relevant and current. Under the guidance of specialist supervision and amongst a diverse community of fellow researchers, you will build a valuable foundation enabling you to develop skills in research, analysis, conceptualisation, argument and presentation – all highly prized in many areas of employment.

You will be taught by lecturers with a wide range of academic, professional policing and research expertise. This breadth of knowledge enables us to supervise students in a wide range of topics. Notable areas of strength include theoretical and practical security concepts; network security; software development possibilities offered by the emergence of information and social networks environments; computer forensics and information security concepts of identity and trust. LSJS tutors are particularly interested in research methodologies that cross the boundaries of different research disciplines.

You will study the following modules:

- Policing in Context
- Advanced Research Skills
- Computer Security
- Network Forensics
- Advanced Topics in Network Security
- Network Security
- Dissertation

TEACHING AND ASSESSMENT

Teaching is delivered through a combination of lectures, workshops and seminars. You will also need to participate in online activities and discussions using our virtual learning environment, Canvas.

You will be assessed via essays, a critical practice reflection, projects, the dissertation and individual presentations. You will have a dedicated supervisor who will offer expert knowledge, guidance and support as you complete your dissertation. Timely and constructive feedback will be provided on all pieces of work enabling you to identify your strengths as well as the areas where you may need to develop further.

GRADUATE EMPLOYMENT

Policing and other related public sector fields currently suffer a skills gap in relation to quantitative research so there are opportunities for employment or career progression for those with these skills. The programme also teaches the advanced skills of research, conceptualisation, analysis, argument and presentation, which are highly valued in many areas of employment.

On completion of your MSc, you may consider a career in the police service or in areas connected to investigation, security or criminal justice e.g. the armed services, prison service, social work or criminal justice-related roles within the Civil Service. If you are already in employment, the MSc will prepare you to specialise in your area of interest, specifically computing security and cyber-crime.

Students with an interest in pursuing an academic path will be encouraged to progress to PhD level. The MSc plays an important development role in this process.

POLICING AND LAW ENFORCEMENT LEADERSHIP (PALE)

MSc

Study full-time over 1 year

Entry requirements: A minimum 2:2 honours degree in a Policing Studies topic, or on Strategic Leadership or any related Social Sciences discipline. Applicants who do not meet the standard academic entry requirements may still be considered for admission on to the programme
IELTS: 6.5 overall (minimum of 5.5 in each component)
Fees: £15,600
Programme Leader: Steve Finnigan s.j.finnigan@ljmu.ac.uk

WHY STUDY THIS COURSE AT LJMU?

Our school is licensed by the College of Policing to deliver programmes included within the Police Education Qualifications Framework (PEQF). This programme is complementary to the ongoing development of the PEQF, as it relates to higher qualifications for those in supervisory, management and leadership roles. There is no doubt that a Masters degree will become a prerequisite of those officers and staff who aspire towards the most senior positions in PALE agencies, and this MSc will be very attractive to those who wish to reflect upon their individual and team approaches to leadership in an increasingly complex environment.

You will study the following modules:

- Methods for Work-Based Research
- Evidenced-Informed Policy & Practice
- Leadership and the Individual
- Accountability, Governance and the Political Landscape
- Ethics
- Leading in Complexity
- Leading Ongoing Investigations
- Press and the Media
- Command & Decision Making in Critical Incidents
- Dissertation

TEACHING AND ASSESSMENT

Amongst the Programme Team are three retired Chief Constables who were all amongst the longest-serving Chief Constables in the UK, and led nationally on Performance, Crime (including Serious & Organised Crime) and Investigations.

In addition to lectures, workshops and seminars there will be realistic simulated exercises, such as the delivery of presentations to a 'Chief Officer Team'.

Academic assessment will be undertaken in accordance with University standards. Generally, this will be by way of written assignments (including a 15,000 words dissertation in Semester 3). There is also a requirement for students to undertake self-reflection. Some assessment will be based on reports of this reflective process.

GRADUATE EMPLOYMENT

The 'Professionalisation' agenda being promoted by the College of Policing has been agreed and formalised in terms of the three new entry routes at Police Constable level (the Pre-Join Policing Degree, the Police Constable Degree Apprenticeship – PCDA – and the Degree Holder Entry Programme – DHEP). Recent trends have shown a majority of ambitious PALE agency staff (in anticipation of, and to get ahead of, the forthcoming PEQF reforms for senior leaders) looking to obtain a Masters degree at Inspector level and above.

DOCTOR OF POLICING, SECURITY AND CRIMINAL JUSTICE

Prof Doc

Study full-time over three years

Entry Requirements: Those with an appropriate and relevant Masers degree (normally an MSc) may enter the programme at Doctoral level. Applicants are also expected to demonstrate a significant career of service within Policing, Security and Criminal Justice professions.
IELTS: 7.0 overall (minimum 6.5 in each component) or equivalent.
Fees: £15,600
Programme Leader: Dr Daniel Silverstone D.M.Silverstone@ljmu.ac.uk

The Professional Doctorate will appeal to a wide variety of professionals who want to share their professional practice and expertise with fellow students.

WHY STUDY THIS COURSE AT LJMU?

This new doctorate will enable you to contribute to the development of your discipline (be that Policing Studies, Security Studies, Criminology or Criminal Justice) and professional practice in your area.

You will join a cohort of students with similar motivations and a range of research interests and will contribute your original research and knowledge to this fast-moving field. This collaborative approach will create a collegiate environment, making the pursuit of your doctorate and the production of your thesis a far from solitary experience.

As security and policing challenges evolve, experienced practitioners must be in touch with the latest research in their area of expertise and feel confident in challenging those who set themselves up as experts in these areas. This qualification will empower you to reach the required level of knowledge and expertise.

You will study the following modules:

- Planning and Research in Policing, Security and Criminal Justice
- Thesis in Policing, Security and Criminal Justice
- Reflection in Policing, Security and Criminal Justice

TEACHING AND ASSESSMENT

Assessments vary according to which stage you are studying at. In the first unit, you will be assessed on your ability to meet a range of agreed learning outcomes, demonstrated through the development of a series of assignments, including a presentation and essay. This first unit will assess your capacity for professional development, knowledge and skills relating to the use of advanced research techniques.

Before proceeding to stage two, the work submitted for this module will be assessed and the credit awarded in accordance with the Academic Framework. Assessment of the 30 credit Planning Module will include a short report. This will seek to justify the rationale for the project activities planned within the Doctoral Phase, indicating how each project is to be undertaken, describing the significant milestones to be achieved and including the completed learning agreement/ research proposal for the whole Doctoral Phase.

The Investigative project and reflective module are assessed by viva voce examination of the thesis. The reflective module is there to ensure that students become effective research practitioners. They are able to reflect on their practice and therefore are able to see how academic work improves their professional learning and the practice of their organisations. The investigative project module and reflective module will be approved as suitable for submission for viva voce examination by the supervisory team.

GRADUATE EMPLOYMENT

The doctorate will enable you to contribute to research in new areas and to collaborate further with employers; in so doing you will engage in an exchange of knowledge and practice at the highest level. You will achieve formal recognition and accreditation of your professional development and a raised professional profile both within, and perhaps beyond, your organisation, and your activities will also enhance your personal and professional capabilities for the future.

It is anticipated that most, if not all participants, will be currently employed within Law Enforcement or Criminal Justice Agencies. Successful completion of the programme will have a transformative impact on your professional practice. What's more, your employer will be involved in the project planning process and the implementation of project outcomes within your organisation, and will be able to collaborate with leading academics.

POLICING STUDIES

PhD / MPhil

Study full time over two to four years (depending on qualification choice)

Entry Requirements: A minimum 2:1 honours degree in a relevant subject. A Masters degree with a research dissertation in a relevant subject. Must have had research training directly related to the proposed PhD project
IELTS: 6.5 (minimum 6.0 in each component)
Fees: £15,600 Write up fee: £450
Programme Leader: Various – see website for staff details

WHY STUDY THIS DEGREE

The Liverpool Centre for Advanced Policing Studies has significant expertise in the Policing sector and can thus provide supervision in a wide range of topics. We are particularly interested in interdisciplinary methodologies. Our suite of Policing Studies qualifications are focused on developing the professionalisation agenda for policing and we work with the professional body, the College of Policing, as well as local policing organisations to ensure the relevance, credibility, and currency of its courses.

To meet the increasing demand for new research, the Centre is offering excellent postgraduate research opportunities to complement our multi-disciplinary agenda and impact-led teaching. Our particular areas of strength include:

- transnational and public order policing
- serious organised crime
- victimology and domestic violence
- terrorism and counter-terrorism
- intelligence-led policing
- human trafficking

TEACHING AND LEARNING

You will be allocated up to three supervisors and a Director of Study who will work with you throughout your studies, provide you with appropriate levels of support and guidance. The Centre will provide workshops, skills development opportunities and unique masterclass events, which bring frontline policing and security professionals to the University to discuss their experiences with students.

GRADUATE EMPLOYMENT

A good proportion of our students return to their existing roles with enhanced career prospects, others move on to further study or take up teaching roles in universities and other educational establishments.

As well as enabling you to focus on your specific areas of interest and expand your subject knowledge ready for employment in your chosen sector, a postgraduate research qualification enables you to take charge of your career path by demonstrating your contribution to an area of knowledge. It enhances your self-confidence and showcases your ability to work independently and 'go it alone'.

RESEARCH OPPORTUNITIES

Join the School of Justice studies to conduct research in a wide range of areas.

You can study for a PhD full-time over 24 months.

The School produces a broad body of quality work centred around subjects such as criminal behaviour, law enforcement, and criminal justice. Our research portfolio is both diverse and impactful - with our knowledgeable academics, professionals, and postgraduate students weighing in on the most contemporary and important issues of our times.

Criminal Justice

Our research is a fundamental part of Criminal Justice at LJMU. Our experienced and knowledgeable researchers have the expertise that allow us to produce meaningful work, which ultimately feeds directly into wider policies and practice. Our team collaborates with local and national partners, as well as working with the Centre for the Study of Crime, Criminalisation and Social Exclusion. There is a distinct and specific focus on the concept of 'justice' in its widest sense – with three definitive learning streams stemming from this:

- Creative Justice
- Policy and Practice
- Justice and Harm

Criminology

By studying Criminology at LJMU you will be part of an interdisciplinary centre producing world-leading research. Criminology lecturers are active members of the Centre for the Study of Crime, Criminalisation and Social Exclusion, a vibrant research centre that produces rigorous interdisciplinary research.

As a Criminology student you will be encouraged to attend critical research seminars, which are a series of talks

and debates that examine social policy. Every year, four seminars are held and each seminar is led by a renowned speaker. Our research covers topics including: policing, drugs policy, youth justice, prison policy, deaths in custody and violence against women.

Policing Studies

The Liverpool Centre for Advanced Policing Studies' research agenda is themed around a number of dynamic research clusters, which reflect the primary and secondary interests of our staff.

Current research activities are themed around the following research clusters:

- Serious and organised crime
- Evidence-based policing and practice
- Intelligence analysis
- Counter-terrorism
- Domestic violence

Our research clusters enable us to engage in the co-creation of knowledge alongside industry stakeholders. We do this by addressing contemporary issues within policing and broader human security domains.

Liverpool School of Art and Design

ARCHITECTURE

MArch

Study full-time over two years

Entry Requirements: Minimum 2:2 honours degree in Architecture.
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100
Programme Leader: Ian Wroot I.Wroot@ljmu.ac.uk

This masters, supported by academic and industry experts, invites you to creatively engage in a truly interdisciplinary and project-orientated architectural study.

WHY STUDY THIS COURSE AT LJMU?

This long-standing, nationally respected programme has been fully validated and externally accredited for over 40 years. It is an essential step for those seeking education and a career in architecture. The MArch focuses on sustained scholarly activity, underpinned by the research of staff engaged in Urbanism and identifying the value of design thinking and practice in new urban contexts. It addresses questions around engagement with dwelling, health and wellbeing and public space, in a range of contexts driven by potential strategies for designing our way into a sustainable future.

The programme of study addresses the creative and technical demands of the architectural profession. It is taught principally through a studio environment and informed by lectures and workshops. We aim to create graduates with artistic flair, who are technically skilled and grounded in the demands of the architect's role. While teaching the curriculum, the programme also develops communication, presentation and self-motivation skills. As well as providing a framework of expertise for your studies and being located in a UNESCO recognised city of cultural significance, LJMU offers a number of overseas workshops enabling you to undertake design work in new territories and contexts. Recent workshops have taken place in Porto, Marseille, Amsterdam, Rotterdam, Essen & Duisburg.

Each year, two of our postgraduate students are put forward for the RIBA President's Medals award, and the collection of student work is published in a catalogue. The output from these projects is testament to the expertise of our alumni.

You will study the following modules:

- Theory and Research 1
- Specialist Study
- Urban Design Project 1
- Architectural Design Project
- Theory and Research 2
- Urban Design Project 2
- Thesis Project
- Management Practice & Law

TEACHING AND ASSESSMENT

This is a project-oriented course. You will develop design ideas in the studio, guided by semester tutors and, at regular intervals, by joint review panels of design tutors and external critics who will comment on your progress.

Teaching is intensive and you will learn via one-to-one and group discussions plus regular presentations of work, so that continuous group and self-assessment is built into your course.

The environmental, structural and constructional aspects of your design projects will be assessed in technical workshops. You will also need to submit: written, drawn and modelled coursework submissions, a written and illustrated dissertation, written and illustrated essays and reports plus reflective statements.

GRADUATE EMPLOYMENT

Postgraduates from this programme are highly sought after by employers. On graduation, you will gain exemption from ARB/RIBA Part 2 examinations. This qualification is essential if you want to become a registered architect and gain Chartered status. Once you have passed the ARB/RIBA Part 3 exams, you can practice in any EU or commonwealth country and many other countries outside the EU.

ACCREDITATION



ART IN SCIENCE

MA

Study full-time over one year

Entry Requirements: A good first degree in a visual arts-related subject. Other degrees will be considered, and non-standard applications are welcome.
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: £15,600
Programme Leader: Mark Roughley m.a.roughley@ljmu.ac.uk

Art and Science are often seen as two different entities with very separate ideas of what constitutes research. The MA Art in Science programme aims to bring together artists and scientists to explore collaborative approaches in unexpected forms.

WHY STUDY THIS COURSE AT LJMU?

Increasingly collaborations between artists and scientists are a feature of our cultural landscape. Traditionally this relationship has been perceived as art in the service of science, whereby artists use their skills to visually interpret or communicate complex scientific ideas, objects or forms. However, a hybrid form of research has emerged over the last 30 years where artists and scientists are interested in the creative possibilities and speculative futures of the intersection of these two cultures.

This programme provides an opportunity for collaborations across the visual arts and the world of scientific enquiry, and encourages transdisciplinary creativity based on the skills that you bring with you to the programme and those you develop during your research experience. From anatomy to algorithms, pixels to performance, science to semiotics, the programme supports creative curiosity, in partnership with experts across the university and beyond.

The programme has been established under the guidance of Professor Caroline Wilkinson, Director of the Liverpool School of Art and Design and the Face Lab. Professor Wilkinson is an experienced practitioner in the collaborative fields of Art and Science with a specialist interest in Forensic Art. Professor Wilkinson has worked with museums, forensic institutes and archaeology groups around the world. Other members of the programme team have specialist interests in Medical Art, Facial Identification, 3D Technologies, Critical Visual Studies, Curatorial Practice, New Materialisms, Cultural Anthropology and Medical Humanities.

As a student on this course, you will explore art in science project briefs in unexpected forms in readiness for application in the world of work. You will enjoy access to a number of established LJMU research centres and will work collaboratively with other students, practitioners and researchers across art and science disciplines. As a graduate, you will be able to apply critical and practical skills, research techniques and understanding in your chosen career.

This is a studio-based programme with collaborative practice and discovery at its core. You will focus on the practical application of art in a science context and be guided in understanding how this translates through a sequence of set and self-initiated projects. You will be encouraged to be critically aware of a range of international contemporary collaborative areas in art and science practice, and analyse the concepts, values and debates that inform study and practice in the field.

You will study the following modules:

- Research and Practice 1 – Art in Science
- Studio Practice – Art in Science
- Research and Practice 2 – Art in Science
- Collaborative Practice
- Major Project

TEACHING AND ASSESSMENT

The programme aims to provide a balance of opportunities for you to acquire and develop advanced skills and academic knowledge. Learning on the programme combines experiential elements with more formal lecture and seminar based delivery. This is a student centred programme that recognises the need for you to establish a deep and inquisitive relationship with Art and Science critical theories and practices, the contexts within which they are deployed and the research against which they are evaluated.

GRADUATE EMPLOYMENT

This programme aims to prepare graduates for self-employment, or the world of work within their chosen specialist field. It can be used in public health, biomedical communications, forensics, education and to engage the public with science in a range of contexts.

Although many graduates will go on to work freelance, there are extensive career opportunities working as: Educational Technologists within medical and dental schools or for pharmaceutical companies; Public Health and Medical Artists; Graphic Designers and 3D Modelling Artists for biomedical visualisation companies; PhD Researchers and Research Assistants; Artists in Policing; Archaeological Visualisers and Scientific Illustrators.

EXHIBITION STUDIES

MA

Study full-time over one year

Entry Requirements: Minimum 2:1 in an arts-related subject plus a reference. Non-standard applications are welcome.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Dr Michael Birchall
M.G.Birchall@ljmu.ac.uk

This programme is dedicated to the history and theory of worldwide exhibition cultures and the development of curatorial practice and research. You will engage with a range of topics that build upon worldwide exhibition cultures. It is suitable for any graduate of Fine Art, Art History, or other humanities discipline, and those who would like to pursue a career in the visual arts.

WHY STUDY THIS COURSE AT LJMU?

MA Exhibition Studies is a postgraduate degree that explores the notion of the exhibition, through a theoretical and practical understanding of what constitutes curatorial practice in the 21st century. The programme discusses the notion of contemporary art and all its manifestations in biennials, commissions, publications, conferences, and public programmes. The curriculum is specially designed to incorporate practical and theoretical aspects, where students are encouraged to apply their own areas of expertise and research through project-based learning. Throughout the year, you will engage in a variety of seminars, lectures and excursions that make use of the cultural partnerships the university has in the city, such as Tate Liverpool, Liverpool Biennial, and FACT.

The programme equips graduates to work in a variety of roles in contemporary art museums, galleries, and in research. This is made possible through an engagement with exhibition histories, exhibition cultures, curatorial practice, and innovative forms of display allowing visitors to think about exhibitions in new ways, whilst working across diverse industries and fields of practice. The programme has embedded academic posts in cultural organisations in Liverpool, making it a unique postgraduate experience as our academics are both working in the School of Art and Design and at the following organisations: Tate Liverpool, Liverpool Biennial, FACT, and RIBA North. This allows joint programmes to be delivered such as talks, symposia, exhibitions, and the engagement with curators and researchers working in the field.

Our students benefit enormously from these links and we are proud to be linked in the sector to world-leading museums and cultural organisations.

The Exhibition Research Lab underpins the programme's research and practice activity. The course includes a series of conferences and sessions with visiting lectures. Contributors to-date have included: Lars Bang Larsen, co-curator Sao Paolo Biennial 2016; Eoin Dara, Head of Programmes, Dundee Contemporary Art; Francesco Manacorda, Artistic Director, Tate Liverpool; Sally Tallant, Director, Liverpool Biennial; Jacob Lund and Geoff Cox, Co-directors The Contemporary Condition, Aarhus University, Juliana Engberg, Artistic Director, European Capital of Culture Aarhus 2017, Denmark and Koyo Kouoh, Director Raw Material Company, Dakar.

You will study the following modules:

- Studio Practice (Exhibition Studies)
- Research and Practice 1 (Exhibition Histories)
- Research and Practice 2 (Research Methods)
- Collaborative Practice Major Project – (Dissertation and Project)

TEACHING AND ASSESSMENT

You will be assessed by coursework, written essays, reports, oral presentations, projects and evaluations. The major project will comprise a written dissertation or practical project (thesis exhibition) and a written report. In most modules, more than one piece of assessment is required.

Programme assessment seeks to replicate professional curatorial and exhibition practice.

GRADUATE EMPLOYMENT

LJMU has an excellent reputation for employability with 96% of postgraduates in full-time employment six months after graduation holding professional or managerial positions. Graduates of MA Exhibition Studies have gone on to work for major cultural institutions, including The Henry Moore Institute (Leeds), British Music Experience (Liverpool), and National Museums Liverpool.

FASHION INNOVATION AND REALISATION

MA

Study full-time over one year

Entry Requirements: Minimum 2:1 in an arts or fashion-related subject plus a reference and a portfolio of work. Non-standard applications are welcome.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Andrew Ibi
A.U.Ibi@ljmu.ac.uk

A programme with collaborative practice and discovery at its core. It will enable you to expand your knowledge of fashion design or communication, and contribute to the wider field of fashion through research based critical work.

WHY STUDY THIS COURSE AT LJMU?

Providing opportunities for interdisciplinary experiences and collaboration with peers and external agents, this MA aims to help define your existing practice and extend its scope and ambition. Learning takes place through the creative and critical exploration of research projects via a modular programme of study. A sequence of set and self-initiated projects act as a critical framework for intellectual and professional development within the context of fashion. Developing real world skills and allowing students to explore fashion, innovation and realisation project briefs in unexpected forms.

The programme is based in the purpose-built, RIBA award winning John Lennon Art and Design Building in the heart of Liverpool's Knowledge Quarter. You will benefit from state-of-the-art workspaces and facilities, as well as external key partnerships with Tate Liverpool, Biennial, FACT and cultural organisations such as; Walker Art Gallery, Bluecoat, Baltic and Fabric District.

You will study the following modules:

- Research & Practice 1
- Studio Practice
- Collaborative Practice
- Research & Practice 2
- Major Project

TEACHING AND ASSESSMENT

Assessment takes place via a variety of methods including, progress review, presentation, group critique, written and practical work. The high levels of seminar and tutorial contact allows for a considerable amount of formative assessment and feedback prior to the summative assessment for each module. Programme assessment seeks to replicate professional industry practices.

GRADUATE EMPLOYMENT

LJMU has an excellent reputation for employability with 96% of postgraduates in full-time work six months after graduation securing managerial or professional roles.

Studying for a postgraduate degree enhances your employability in a number of ways.

It allows you to focus on specific areas of interest and expand subject knowledge ready for employment in a range of related sectors within the fashion industry, including freelance and self-employment. Alternatively, there is the option for further study at PhD level, or moving into teaching roles.

FINE ART

MA

Study full-time over one year

Entry Requirements: Minimum 2:1 honours degree. Non-standard applications are welcome.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Rory MacBeth
R.N.MacBeth@ljmu.ac.uk

A long-standing MA taught by leading artists in the field, which will focus on developing your artistic practice and your understanding of contemporary art in relation to wider social and cultural contexts.

WHY STUDY THIS COURSE AT LJMU?

You will join a small group of students from a diverse range of backgrounds to develop your practice within a global context. You will benefit from a high level of discussion and reflection, test your artistic thinking, make exhibitions, events and collaborations, with core practice modules led by artists Imogen Stidworthy and Bedwyr Williams.

We bring to the discussion of your work our expertise as artists with an established international exhibition practice. From our base in the shared cross-MA studio, we work in a number of architecturally diverse sites across the City for short projects and public-facing exhibitions. We see exhibition making as a medium to push your practice; to take risks, experiment and hone your professional skills. We invite curators and leading artists from the UK and internationally, to join us in critiques and assessments. In many of these projects, you take the lead, with our support – from scouting and negotiating sites to marketing and promotion. In doing so, you are also building a professional network, which will be invaluable to you after you graduate.

Lectures and seminars take place in the Liverpool School of Art and Design's RIBA award-winning John Lennon Art and Design Building. We also work closely with local partners such as Tate Liverpool, where we hold monthly seminars. You will have access to technical expertise and support for working in a wide range of media and materials in our technical workshops, including the X Gallery, an exciting new digital research and production space.

The MA offers opportunities for interdisciplinary dialogues between students across the Masters courses taught within the School through the Research and Practice 1 and 2 and Collaborative Practice modules. We also encourage exchange of perspectives, expertise or equipment with all faculties from Astrophysics to Zoology. You will also have access to the Exhibition Research Lab, a creative partnership led by the School and Liverpool Biennial, which acts as an interface for collaboration with national and international artists, designers and public audiences.

Our institutional partners Tate Liverpool, Liverpool Biennial and FACT support the programme, through participating in critiques and collaborating on events and international guest lectures. We collaborate with the Liverpool Biennial and place your Masters exhibition within the framework of the Biennial programme. We also work closely with a number of dynamic local initiatives including MAKE Liverpool, The Royal Standard and CBS, to develop meaningful relationships with the wider cultural context of Liverpool.

We believe in supporting our students after graduation. As well as occasional guest lectures and mentoring opportunities within the School, we offer two Graduate Residencies each year at MAKE Liverpool, and we have strong relationships with the RCA drawing residency at Dumfries House, Scotland and Art House Residency in Wakefield, amongst others. Our students are very successful in applying for awards such as the Susan Cotton Travel Award, which has allowed students to travel as far as India, South America and China over the past two years. For students interested in undertaking a PhD, LJMU offers a linked pathway to our practice-based doctoral programme.

You will study the following modules:

- Research and Practice 1
- Research and Practice 2 (Fine Art)
- Studio Practice (Fine Art)
- Collaborative Practice (Fine Art)
- Major Project

TEACHING AND ASSESSMENT

Our expert academics have designed course delivery and assessment around contemporary research, focusing on the development of Fine Art practice and appreciation. We emphasise close tutorial support throughout the course, with formative assessment moments and detailed feedback, to ensure you are thoroughly prepared for the summative assessments. You will be assessed via presentations, proposals, practical projects and supporting documentation.

GRADUATE EMPLOYMENT

This Masters programme is geared towards facilitating a practical understanding of how you might exploit your own practice in the professional sphere. During your studies, you will have opportunities for networking, collaboration and work-related experiences, preparing you to work further as a practicing artist, for roles in the cultural sector, for further research or a combination of these.

LJMU has an enviable reputation for employability, with 98% of the postgraduates in full-time work six months after graduation, in professional or managerial roles. The John Lennon Art and Design Building is a knowledge hub for the region's creative industries: studying here will enable you to establish significant links with the professional fields in which your future career will develop.

GRAPHIC DESIGN AND ILLUSTRATION MA

Study full-time over one year

Entry Requirements: Minimum 2:1 honours degree in a visual arts-related subject plus a reference and a portfolio of work. Non-standard applications are welcome.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Michael O'Shaughnessy
M.S.O'Shaughnessy@ljmu.ac.uk

This masters seeks to challenge established aesthetic structures, advance your artistic development and help you become a critically engaged practitioner in the graphic design and illustration industry.

WHY STUDY THIS COURSE AT LJMU?

This popular masters programme focuses on the cultural shifts at the centre of a rapidly moving Graphic Design and Illustration industry. The programme will challenge established aesthetic structures, advance your artistic development and

help you become a critically engaged and socially aware practitioner in the graphic design and illustration industry. A particular emphasis will be placed on challenging and exploring media as a method of developing your professional practice and realising your career ambitions.

As a student, you will develop your work in state-of-the-art workspaces and facilities within the modern, purpose-built, RIBA award-winning John Lennon Art and Design Building. The programmes at the School of Art and Design are fully collaborative and we aim for cross-disciplinary practice throughout all of our postgraduate subject areas. The programme has close links with local creative agencies and professionals. By visiting key graphic design industry events and hearing from experts in the field who regularly visit the School to give talks, you will be able to build a graphic design and illustration portfolio through collaborative projects with local festivals and creative ventures.

You will benefit from the tutelage of our industry networked academic team, dedicated to creating opportunities for you and the development of your projects, including opportunities to present and curate your work at masters' degree shows and exhibitions.

You will study the following modules:

- Research and Practice
- Research and Practice 2
- Studio Practice
- Collaborative Practice
- Discursive Practice

TEACHING AND ASSESSMENT

Assessed work has been designed to ensure you fulfil your potential at this important stage of your development. There is a 75:25 split between practical and written work. Assessment methods include: presentations, proposals, practical projects, essays, artefacts, supporting documents and the dissertation. Research and textual material is assessed via blogs, written proposals and the dissertation.

GRADUATE EMPLOYMENT

This masters is wholly geared towards facilitating a practical understanding of how you might exploit your own practice in the professional sphere. You are encouraged to engage with the networks that you are exposed to during the course to further your employment and career opportunities.

On graduation, you will be able to pursue a variety of careers in the established professions of graphic design and illustration. You will be equipped for traditional roles in graphics studios and creative agencies such as Senior Designer, Art Director, Studio Manager and Production Manager.

The programme will also prepare you for self-employment and entrepreneurial ventures – ideal for those interested in pursuing an independent creative practice.

Many of our graduates secure employment at world-class practices throughout the UK and further afield. Some have remained in the city of Liverpool, contributing to its evolution by taking key roles in leading practices that have reshaped the city over the last decade. If, after graduating, you choose not to go down the route of becoming a registered Architect, many other careers are open to you. Past graduates have pursued successful careers as Project Managers, Property Developers, Building Contractors, Furniture Designers, Lighting Designers, Architectural Visualisation Artists and Journalists.

URBAN DESIGN MA

Study full-time over one year

Entry Requirements: Minimum 2:1 in a related subject plus a reference. Non-standard applications are welcome.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Ian Wroot
I.Wroot@ljmu.ac.uk

Explore your creative potential and understand how its application in design can interact with, adapt and change the landscape of cities and urban spaces and our experience within them.

WHY STUDY THIS COURSE AT LJMU?

In a world of rapidly rising and migrating urban populations, there is a real need for smarter, more inclusive approaches to city planning, adaptation and spatial design. By studying Urban Design in a resurgent, UNESCO recognised city of cultural significance, you can advance your skills to create spaces that solve modern problems in cross-cultural contexts.

This studio-based programme is informed by the School's research in urbanism and close association with the University's European Institute for Urban Affairs. Over the last 20 years, the Architecture subject team have collaborated with and continue to work with nationally-recognised urban design practitioners, local authority planning and urban design departments and international academic partners in the development and production of urban projects, public exhibitions and related publications. These interactions ensure that our programmes are innovative, giving you the knowledge and skills required to succeed professionally on graduation.

The programme is open to applicants from a wide range of first-degree disciplines such as architecture, spatial design, landscape design, environmental art, geography and planning. You will be based in the John Lennon Art and Design Building in the city's bustling Knowledge Quarter and it is here you will develop your work in state-of-the-art workspaces, with access to first-class teaching facilities.

You will study the following modules:

- Research and Practice 1
- Studio Practice (Urban Design)
- Research and Practice 2 (Urban Design)
- Collaborative Practice
- Major Project (Urban Design)

TEACHING AND ASSESSMENT

A variety of assessment methods are used to determine ability and these differ module-by-module. Methods include: a major project proposal report, practical project work, a major project thesis and a personal development plan. You will also be assessed for the quality of your drawings and model making.

GRADUATE EMPLOYMENT

As a graduate of this programme, a number of career paths will be open to you. Most aligned with your formal education is the practice of urban design work in specialist agencies or public sector bodies. These roles consider how structures and systems function within existing landscapes and how they can be manipulated to offer the best living and working solutions. Many graduates have successfully secured employment at world-class practices throughout the UK and further afield, while others have remained in Liverpool contributing to its evolution by taking key roles in leading practices that have reshaped the city over the last decade.

For those interested in taking their learning to the next level, this programme also offers the opportunity to progress to PhD study and embark on a career teaching Urban Design.

RESEARCH OPPORTUNITIES

Conduct an individual body of research alongside some of the UK's leading arts organisations.

An MRes or MPhil can be studied full-time over 12 months, whilst a PhD can be studied full-time over 36 months.

Research and scholarly advancement form the backbone of the Liverpool School of Art and Design, while our postgraduate community provides a thriving and supportive environment in which to study. The School works with partners to enhance Liverpool's reputation as a city with a competitive

arts economy and a great place to set up artistic practices.

As Liverpool's international flagship for cultural and creative research, Institute of Art and Technology is a supported and linked collective network of artistic research and technologies, each with a team led by inspiring researchers.

Each specialist Lab pursues its specific research and the Institute of Art and Technology, directed by Professor John Hyatt, also develops trans-disciplinary projects collected under the banner of the Heterosis Projects and a series of more contingent Pop-up Labs. The Institute of Art and Technology consists Contemporary Art Lab; Exhibition Research Lab; Face Lab; Experimental Technologies Lab; City Lab; The Heterosis Projects.

Research focuses on Contemporary art; 3D digital art and applications in the real world; Design Studies; Design Discourse and Practice; the uses of art and cultural enrichment; exhibitions and curatorship; design discourse and practice, and Transdisciplinary experimentation.

The Institute's PhD students not only benefit from our longstanding relationships with leading galleries, museums and the creative industries in the region, they also receive training and development support as part of postgraduate research supervision. As a student you will be welcomed into our vibrant interdisciplinary research environment, have the opportunity to collaborate with creative organisations and undertake research projects with nationally and internationally recognised researchers, historians, theorists and professional practitioners.

Our PhD students enjoy access to a number of conferences and symposia, including Excessive Research – an international symposium organised by the Exhibition Research Lab. In 2015, the symposium was attended by international research students and resulted in the publication of a peer-reviewed newspaper. Similarly, architecture students organise the Architecture Society Group, which attracts acclaimed architects such as: Faustino, Space Cavier, Filip Dujardin, David Adjaye, Pernilla Orhstedt, Rachel Armstrong and Liam Young.

For more information, please visit ljmu.ac.uk/research

School of Humanities and Social Science

ENGLISH MRes

Study full time over one year

Entry Requirements: A minimum 2:1 in literature, cultural history or a relevant discipline

IELTS: 6.5 (minimum 5.5 in each component)

Fees: £15,600

Programme Leader:
Colin Harrison
C.Harrison@ljmu.ac.uk

WHY STUDY THIS DEGREE

LJMU's MRes in English enables you to carry out an independent research project in the field of English Studies. The programme is delivered by academics actively engaged in research under the aegis of the Research Centre for Literature and Cultural History at LJMU. Key areas of specialism include early modern literature and culture; gender and sexuality; medical humanities; 19th century literature and history; regional, national and postcolonial literatures; contemporary and everyday cultures; literature and cultural geography; 20th century and contemporary writing (British, Irish, Scottish, American).

You will study on the following modules:

- Research Methods for Arts, Professional and Social Studies
- English Research Project
- Contemporary Literary Studies
- English Project Development

TEACHING AND LEARNING

You will receive specialist supervision and study within a diverse community of fellow researchers. Staff are active in a wide range of fields, from early modern literature to prison writing, late 19th-century national identities, Scottish and Irish studies, theories of the everyday, and contemporary British fiction.

GRADUATE EMPLOYMENT

The programme is designed, in part, as a preparation for doctoral study, and students who progress to PhD often acknowledge the important role it has played in their development.

The advanced skills that it teaches – of research, analysis, conceptualisation, argument and presentation – are also highly prized in many areas of employment.

ENGLISH LITERATURE

MA

Study full-time over one year

Entry Requirements: Minimum 2:1 in literature, cultural history or a relevant subject. Non-standard applications are welcome, but will be subject to interview.
IELTS: 6.5 overall (minimum 7.0 in writing and 5.5 in other components) or equivalent.
Fees: £15,600
Programme Leader: Colin Harrison C.Harrison@ljmu.ac.uk

This MA offers opportunities to pursue advanced study at the leading edges of English Literature, within a vibrant community of scholars.

WHY STUDY THIS COURSE AT LJMU?

The course explores the deeper potential of that most eclectic and interdisciplinary of subjects— English—and extends your reading and research into exciting new areas. You will master skills of research, analysis, argument and writing that are both a vital preparation for doctoral research and highly valued by employers. It is structured around a series of themed modules on place, mobilities, objects and bodies. Within these broad themes, we explore a wide range of texts from the early modern period to the present. These texts will cross national borders and literary genres, and may include the visual, cinematic and digital alongside the conventionally literary.

English at LJMU has long had a reputation for innovative and interdisciplinary approaches to literary studies. The department was one of LJMU's top performers in the most recent Research Excellence Framework (2014), with 68% of the work we publish rated as internationally excellent, and 22% of that as 'world-leading in terms of originality, significance and rigour'. 50% of our research impact (a measure of the significance and reach of our work for public audiences) was world-leading.

You will be based in our Research Centre for Literature and Cultural History, where you will work alongside other postgraduate students and academics. You will be encouraged to attend our full programme of seminars, lectures, conferences and other events. We are committed scholars and dedicated teachers and are proud of fostering a supportive and intellectually stimulating environment for all our students.

You will study the following modules:

- Place
- Mobilities
- Research Methods
- Dissertation
- Bodies
- Objects
- Public Culture and Collaborative Practice

TEACHING AND ASSESSMENT

There will be a variety of assessments spread across modules, including in-class presentations, posters, online contributions, critical reflections and portfolios. The most common piece of assessment will be the extended essay, allowing you to develop advanced techniques of reading, research, writing and presentation.

The course concludes with your completion of a major piece of coursework: a 15,000-word dissertation on a topic of your choice.

GRADUATE EMPLOYMENT

The MA will enhance your prospects in a wide variety of careers, such as teaching, freelance writing, research, academia, print journalism and the creative, cultural and heritage industries.

The programme develops sophisticated skills of research, analysis, argument, theorisation, abstraction, evidence and writing. These are highly valued in many areas of employment. The MA is also a recognised preparation for doctoral study and will strengthen applications for PhD programmes and funded scholarships at LJMU and elsewhere.

INTERNATIONAL RELATIONS

MA

Study full-time over one year

Entry Requirements: A good second class honours degree in a related subject, such as history or politics
IELTS: 6.5 overall (minimum 7.0 in writing and 5.5 in other components) or equivalent.
Fees: £15,600
Programme Leader: Dr Matthew Hill M.A.Hill@ljmu.ac.uk

This MA is designed to help you examine the central challenges of the world we live in today in both contemporary and historical perspectives.

WHY STUDY THIS COURSE AT LJMU?

The MA in International Relations will provide a grounding in international relations theory while examining in-depth issues of enduring international significance. The programme takes an expanded definition of International Relations and covers a range of subjects including history, economics, politics, law and culture. It also examines the actions of international organisations, nation-states and non-state actors.

We recognise the importance of networking when obtaining employment in a related field. This is why we will provide opportunities for an internship programme and will hold and attend regular events and workshops with experts in a variety of fields.

You will study the following modules:

- Understanding International Relations
- Research Methods
- The War/Peace Cycle
- Research Project in International Relations

Option modules are also available covering topics such as:

- War and 'Peace' in Africa since 1990
- Conflict and Warfare in International Law
- Philosophy of History, International Relations & European Integration
- EU Foreign Security and Defence Policy
- International Politics and Development in Asia-Pacific
- The United Nations International Security and Global Justice
- Statehood, peoples and statelessness
- International Human Rights Law

TEACHING AND ASSESSMENT

All teaching and assessment methods are designed to aid the development of your knowledge of international relations. Teaching will be delivered via class discussions, lectures and workshops with core academic staff and guest practitioners, experts and lecturers. The aim is to give you as much insight into the world of international relations as possible and this is best achieved through a mix of academic discussion and real world experiences. The aim in all assessments is to test your understanding of international relations. We all learn in different ways and so you will be assessed via essays, presentations, exams and portfolios.

GRADUATE EMPLOYMENT

This programme has been designed to enhance your career prospects in international relations related fields including government and non-government sectors. Our internship programme will provide experience and contacts. For those wishing to pursue an academic career or embark on further study in the field of international relations, this MA will provide a solid basis for an MPhil/PhD.

MASS COMMUNICATIONS

MA

Study full-time over one year

Entry Requirements: A good second class honours degree in a related subject. Non-standard applications are welcome.
IELTS: 6.0 overall (minimum 5.5 in other components) or equivalent.
Fees: £15,600
Programme Leader: Dr Nedim Hassan N.A.Hassan@ljmu.ac.uk

Mass communications inhabit an increasingly digital landscape subject to cultural, economic and legal change. During this programme, you will investigate the significance of media forms, the systems within which they operate and the challenges they face.

WHY STUDY THIS COURSE AT LJMU?

Media industries and their content are often subject to scrutiny and debates concerning their communicative power and influence, professional practice, ethics and law. This MA will enable you to join the cultural workforce with an understanding of how changes in policy and the politics of culture impact communication. You will examine how communications, institutions and media systems connect with contemporary audience experience and participation.

The course is designed for students from a wide range of academic or vocational backgrounds, including social media, public relations and journalism. It also provides a progression route for undergraduates on courses relating to media, journalism, cultural studies, marketing and communications as well as humanities and social science subjects.

The MA is delivered by academic staff with a proven record in research and teaching mass communications. It considers forms of communication power in a range of contexts to highlight their historical development and explore their continued relevance within a contemporary digital media environment. The knowledge you will gain on this course will strengthen your ability to create effective messages and forms of communication and enable you to understand how cultures are influenced and affected by such transmissions. You will be able to make ethical, relevant decisions with regards to journalism, academia, TV and radio broadcasting, PR and internet broadcasting and writing for the web.

The course develops exceptional transferable skills, valued by employers, such as presentation, communication and interpersonal skills, skills in creative and

analytical writing, organisation and time management. It also provides rigorous training in postgraduate research skills that will enable you to pursue further postgraduate study at doctoral level.

You will study the following modules:

- Theories Concepts and Debates in Mass Communications
- Mass Communication: Research Methods
- Digital Cultures
- New Media: Policy and Practice
- Mass Communications Dissertation

TEACHING AND ASSESSMENT

Programme learning is assessed via presentations, essays, practical portfolio, research-based exercises, critical reviews, research plans, student-defined assessment and a dissertation. You will need to consider different means of communicating your research findings, formulating your response to critical issues and contemporary debates and evaluating contemporary trends across a range of different types of assessment.

GRADUATE EMPLOYMENT

The varied learning experiences, both creative and analytical, that you will encounter during this course will enable you to foster abilities, which are valuable for working in a range of media industries. The postgraduate research training that is integral to this course will also enable you to pursue further study at doctoral level. Former students who have studied Mass Communications at LJMU have gone on to work in advertising, marketing, public relations, arts administration, publishing, industry, retail, leisure, charitable organisation management, educational administration, accountancy, the social services, teaching and the Civil Service. You may also pursue a career in broadcasting for radio and television.

SOCIOLOGY

MRes

Entry Requirements: Applicants to the programme are normally required to possess an honours degree (normally equivalent to grade 2:1) in a social sciences discipline or hold an equivalent qualification.
IELTS: Applicants are required to have achieved a IELTS score, a minimum of a 6.5 (minimum of 5.5 in each component) or equivalent English language qualifications.
Fees: £15,600
Programme Leader: Dr Peter Millward P.Millward@ljmu.ac.uk

MRes in Sociology is intended to deepen your knowledge of the discipline. The vibrant programme is research driven by its eight named pathways, reflecting internationally recognised expertise in the areas within the Sociology department.

WHY STUDY THIS DEGREE

This new MRes programme provides you with the opportunity to develop knowledge in distinct areas in which we offer internationally recognised expertise. Through undertaking this programme, you will be paired with experts in the academic field to grow their research interests in a number of accessible, exciting and engaging ways.

The Sociology department consistently receives outstanding levels of student satisfaction owing to its student-centred approach to active learning and engaging modular content. Research projects taking place in the Sociology department at LJMU include (but is not restricted to): aid and help in post-Earthquake Nepal; period poverty in national and international settings; collective action and football fandom; green sociology; world popular music; representations of emotions and fear through art; disabilities and 'poverty porn', and, the mobilities of religious texts.

Our advanced issue-based research is grounded within theory and enabled by rigorous methods stimulates a 'sociological imagination'. By working with experts in the field, MRes in Sociology students will be developing their pieces of a sociological imagination. The programme presents a fascinating opportunity for those looking for postgraduate study as students on the course will be creating sociology, not just learning about it.

TEACHING AND LEARNING

Teaching will take place through a variety of forms, including lectures, seminars and supervision tutorials, with external fieldwork forming an optional activity. The programme will have: a) two core 30 credit taught modules on social theory and research method that reflect the key axis of the discipline of Sociology; b) students choosing two optional 30 credit taught modules which reflect the named pathway of the programmes, and c) a 60 credit independent piece of research as a dissertation or equivalent.

You will undertake two core modules on social theory and research methods before then choosing a module from our suite of options and specialising in a module bespoke to your MRes title award. The programme completes with your production of a piece of major independent study, in the form of a dissertation in area that relates to your MRes title award.

GRADUATE EMPLOYMENT

Graduates are anticipated to be in a position where they can continue their research through to MPhil/PhD, work towards careers in academia and further research. The diversity of the MRes and the supervisory staff means, whatever your interests and career aims, you will receive professional support and guidance to help you achieve your goals.

RESEARCH OPPORTUNITIES

Join the School of Humanities and Social Sciences to conduct research in English Literature and cultural history, Media and communication, Modern History, Sociology, International Relations and Politics.

You can study for an MPhil full-time over 12 months or a PhD full-time over 24 months. The School recruits the brightest and best students for doctoral research. Our vibrant and dynamic research culture engages staff and students in local, national and international projects across a range of disciplines. We invite applications from motivated, intellectually able students with the drive and propensity for original thought.

We are keen to promote research that crosses traditional disciplinary boundaries and exploits opportunities at the intersections of disciplines. Our subject areas are interdisciplinary by nature and our staff team include specialists in urban geography, world development and political science.

All of our research is underpinned by our well-established research centres:

- the Research Institute for Literature and Cultural History
- the European Institute for Urban Affairs

We also have strong partnerships in Port and Maritime History Liverpool and Merseyside Studies. The School runs a number of Research Seminars and Symposia, including 'The History Perspective Seminar', 'The Literature and Cultural History Research Seminar' to which our postgraduates are invited and regularly give papers alongside invited international scholars.

LIVERPOOL SCREEN SCHOOL

CITIES CULTURE AND CREATIVITY MA

Study full time over one year

Entry Requirements: A minimum 2:1 in a related subject plus a reference

IELTS: 6.5 (minimum of 5.5 in each component)

Fees: £15,600

Programme Leader:

Gerwyn Jones
G.Jones@ljmu.ac.uk

WHY STUDY THIS DEGREE

This exciting new cross-disciplinary MA enables you to study contemporary UK and international cities from socio-economic, cultural, theoretical and practical perspectives. You will gain an understanding of key urban theories, trends, policies and dynamics by drawing on a range of contemporary local and global case studies to illustrate debates and policy responses. You will reflect on how urban images and identities are constructed and reconstructed, by whom and for what purpose, focusing on concepts such as city marketing, place identity, place brand and branding.

The programme will enable you to play a key role in developing approaches to study and knowledge application in the fields of creativity and culture in the urban environment.

You will study on the following modules:

- Understanding Cities: Theory, Culture and Social Change
- Research Methods: Cities, Culture, Creativity
- Creative Communities
- Re-Imagining Cities: Using Cultural Policy and Place Marketing
- Dissertation

TEACHING AND LEARNING

The programme has institutional ties with FACT, the Philharmonic, Liverpool Biennial, the Everyman Theatre and Tate Liverpool and these relationships offer insights into contemporary practice as well as work-related learning opportunities. Such hands-on experience is vital for your future professional success.

Upon graduation you will understand the development of urban environments and will be able to interpret place-making for a wide variety of purposes.

GRADUATE EMPLOYMENT

The programme has institutional ties with FACT, the Philharmonic, Liverpool Biennial, the Everyman Theatre and Tate Liverpool and these relationships offer insights into contemporary practice as well as work-related learning opportunities. Such hands-on experience is vital for your future professional success.

Upon graduation you will understand the development of urban environments and will be able to interpret place-making for a wide variety of purposes.

CREATIVE TECHNOLOGY MA

Study full-time over one year

Entry Requirements: Minimum 2:1 in a related subject plus a reference. Non-standard applications are welcome.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:

Mark Smith
m.smith1@ljmu.ac.uk

MA Creative Technology is a new practice-led programme designed to develop your technique, insight and employability within an expanding creative media sector.

WHY STUDY THIS COURSE AT LJMU?

Our aim is to develop inquisitive media practitioners with a sophisticated understanding of creative technology. You will become an advanced and autonomous learner, able to assess new technologies for their potential in the development of innovative media outcomes and then in response, to produce finished artefacts as an individual, or to assemble teams with the necessary skill-set to do so.

This unique MA provides opportunities for students to explore latest developments at the forefront of storytelling within the creative media and digital technology sectors. Whether your career in this sphere leads you to sell or tell, there are a myriad of converged, interactive, social, locative and immersive platforms that should be explored in the development of compelling 'storyworlds'

Novel media technologies continue to emerge driven by demands for new ways to create and share content. This affords genuine opportunities for individuals to exploit technologies in the pursuit of immersive narrative artefacts. Beyond the need to understand moving image, which pervades all of our devices, you will explore all available media forms. New digital realities demand that we re-examine the visual, the locative, the social, the virtual, mixed and the merged.

You will study the following modules:

- Critical Media Contexts
- Research and Proposal
- Creative Technology Project
- Creative Technologies
- Reflections on Professional Practice
- Collaborative Project
- Interactive Story

TEACHING AND ASSESSMENT

Teaching includes a mixture of lectures, demonstrations, and workshops. As a postgraduate student, you will have the flexibility and freedom to develop your own projects in response to your research enquiries.

You will be offered the subject-specific tools to enable your exploration and critical appraisal of theoretical and practice-led research in Creative Technologies. The subject specific elements focus on: management, experiment, evaluation and dissemination of the research process. It facilitates sustained individual and independent enquiry within a clearly determined creative and intellectual area. It will lead to a developed proposal for an innovative and substantial media project.

You will be assessed in a number of ways including: essay, blog, presentation and exhibition.

You will be assessed via presentations, essays, a practical portfolio, research-based exercises, critical reviews, research plans, student defined assessments and the dissertation. Self-led investigation is also required and you will be expected to generate assignment titles, case studies and examples for critical evaluation.

GRADUATE EMPLOYMENT

MA Creative Technology will allow you to develop into an adaptive, creative and self-reflective storyteller, with industry-relevant craft skills and the ability to produce media in a range of forms for a variety of platforms and delivery contexts.

The Liverpool Screen School provides opportunities to learn from and network with a variety of industry partners, under the expert guidance of the School's practitioners and academics.

DOCUMENTARY MA

Study full-time over one year

Entry Requirements: A good second class honours degree. Non-standard applications are welcome.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:

Camilla Affleck
C.S.Affleck@ljmu.ac.uk

This masters degree programme is a collaboration between Liverpool Screen School's Journalism and Media Production departments, built on their established reputations for graduate employability and media industry relations.

WHY STUDY THIS COURSE AT LJMU?

This new masters invites you to explore documentary making on a variety of platforms, with a basis rooted in the core skills of journalism and production. You will be exposed to key aspects of external engagement, entrepreneurship and internationalisation.

Liverpool Screen School has significant links with regional media companies. Our industry partners include the BBC; ITV Northern Lights Partnership; Nine Lives Media; Blakeway North; Lime Pictures; and the BAFTA award-winning companies Hurricane Films and LA Productions. By working closely with these partners around Liverpool, the country's most filmed city outside London, we are pivotal in the region's thriving media industry.

You will be taught by professional, experienced and enthusiastic academic staff and practitioners from the media industry. Each tutor offers extensive and current practical industry experience in radio, television, interactive media, online journalism and documentary making. An industry placement module will offer opportunities to gain invaluable work experience and develop primary industry contacts.

The programme can be studied by international students, who will have the opportunity to do a work placement in their country of origin, improving their future employability at home and allowing the opportunity for their final MA project to be produced there via distance learning. Teaching is delivered in the £38 million Redmonds Building, home to Liverpool Screen School, which gives you access to industry-relevant technology that will enable you to advance your professional craft-skills development.

You will study the following modules:

- Documentaries in Context
- Craft Skills
- Advanced Production Skills
- Industry Placement
- Reflections on Professional Practice
- Media Production Practice
- Radio Documentary, including podcasting
- Interactive Documentary
- Research/Story Development
- Documentary Project

TEACHING AND ASSESSMENT

Teaching methods will include lectures, demonstrations, screenings and craft skills workshops. Assessment is mixed, with practical modules usually based around portfolios of work including tasks aimed at the assessment of specific skills. Written

assessments may include essays, reviews and reports. You will have the freedom to produce your own masters documentary project for a media platform of your choice.

GRADUATE EMPLOYMENT

This MA will help you to develop into an adaptive, creative and self-reflective story-teller, with industry-relevant craft skills and the ability to produce documentaries for a variety of audiences, in a range of media forms.

FILM MA

Study full-time over one year

Entry Requirements: Minimum of 2:1 Honours degree in a relevant subject. If you have no experience studying Film you must demonstrate a genuine interest and commitment to develop your knowledge in this area.

IELTS: 6.5 overall (minimum of 5.5 in each component)

Fees: £15,600

Programme Leader:

Keith Marley
K.Marley@ljmu.ac.uk

This hybrid MA enables students to develop practical and theoretical skills in film production and analysis.

WHY STUDY THIS COURSE AT LJMU?

Studying on this new MA gives you the opportunity to study in one of the UK's most dynamic cities. Liverpool is the second most filmed in city after London and has a vibrant media and cultural industry. With the Twickenham Studios film production facility due to open in the Littlewoods Building in 2020, there is no better time to study Film in Liverpool.

This forward-looking programme prepares you for bridging the traditional gap between theory and practice, by inviting you to both 'think' and 'do' film. Barriers will be broken and you will forge new approaches to the analysis and production of films.

The MA Film promotes an experimental approach that considers film as a tool for research and a means for understanding, exploring and representing the world. The programme will build a cohort of practice-informed academics, and theory-informed practitioners, while offering the opportunity to study in a dynamic city with a burgeoning film industry.

You will study the following modules:

- Researching Film
- Screening the City
- Exploring Festivals and Exhibitions
- People in Film
- Final Project

TEACHING AND ASSESSMENTS

You will participate in a mixture of lectures, seminars, workshops and field trips. One-to-one supervision and independent learning form a major part of the course.

Over the duration of the programme you will craft skills and apply these in the field of filmmaking through practical modules and your final project. You will apply a range of theoretical concepts and historical context to your written work.

GRADUATE EMPLOYMENT

Graduates on this programme would typically be either working in or looking to move into careers in: Film Production, Digital Content Production, Distribution and Tourism.

External engagement is central to the MA Film degree. Liverpool Screen School works with a range of national and regional organisations including: The Liverpool Film Office, BBC, ITV Northern Lights Partnership, Lime Pictures, Envy Post Production London, FACT, HOME Manchester, TATE Liverpool, Creative England, and the BAFTA award-winning companies Hurricane Films and LA Productions.

IMMERSIVE ARTS MA

Study full-time over one year

Entry Requirements: 2:2 or above from a relevant subject
IELTS: 6.5 (minimum 6.0 in each component)
Fees: £16,100
Programme Leader: Peter Woodbridge P.J.Woodbridge@ljmu.ac.uk

A pioneering degree where you will explore and experiment with making novel applications and experiences in augmented reality, mixed reality and virtual reality.

WHY STUDY THIS COURSE AT LJMU?

This is the UK's first Immersive Arts postgraduate course exploring storytelling, experience design and development with immersive technology such as Virtual Reality, Augmented Reality and Mixed Reality.

Liverpool has a long history of innovation across games, film and creative technology (Immersive Economy Report, 2019).

There are dedicated laboratory spaces and access to a range of production facilities across the Screen School and the Liverpool School of Art and Design. Including a range of specialist VR, AR and MR capture and display

technologies and headsets, Green Screen Studios and Projection Mapping.

You will study the following modules:

- Immersive Storytelling
- Immersive Arts Lab
- Research and Proposal
- Collaborative Project
- Immersive Arts Project

TEACHING AND ASSESSMENT

You will be taught using a variety of methods, which include workshops, labs, tutorials, seminars, visiting speakers and collaborative projects.

Immersive Arts students will have access to dedicated laboratories spaces and access to a range of production facilities across the Screen School and School of Art and Design. The final research project for example, will enable you to innovate in develop a practice based immersive experience using this range of fantastic facilities.

GRADUATE EMPLOYMENT

This degree is aimed at preparing graduates for creative and technical roles in games, marketing, film, design and the arts sector. Successful and motivated graduates will also receive opportunities to progress to PhD study to develop new and exciting technologies.

INTERNATIONAL JOURNALISM MA

Study full-time over 15 months

Entry Requirements: Minimum 2:2 in a related subject. Non-standard applications are welcome.
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: £15,600
Programme Leader: Rex Li R.Y.Li@ljmu.ac.uk

This MA in International Journalism will develop your thinking and improve your ability to analyse and evaluate the news media, reaching a true understanding of its importance.

WHY STUDY THIS COURSE AT LJMU?

News occurs on an international stage and this masters provides the expert support and industry knowledge required for your progression in the highly competitive world of journalism. International Journalism develops critical analysis in practitioners and those with a serious interest in this field.

The programme concentrates on journalism with international relations and is suitable for overseas students as well as those from the UK. It is designed so that if you have no experience you will receive basic training in journalism practice. If you already have journalistic skills, however, you will be able to concentrate on analysing the craft and your own part in it. In this way, you will develop the ability to critically analyse the purpose and structure of journalism and to evaluate the processes and products of your own and other people's work.

Within a framework of strong industry links to the BBC, Trinity Mirror, Lime Pictures, FACT and BAFTA, our expert academics provide you with the opportunity to train and study in a dedicated, industry-standard environment, considering UK media practices and their position in global media platforms. Course tutors have extensive industry experience in print, radio, television and online journalism. Many also have an excellent research history and are widely published in their fields. The course is delivered by Liverpool Screen School in LJMU's £38 million Redmonds Building.

You will study the following modules:

- Journalism Studies
- International Relations for Journalists
- Academic Research for Journalists
- Comparative Media Analysis
- Dissertation

Optional modules are also available covering topics such as:

- News and Professional Practice
- Reflecting on Professional Practice
- Magazine Production
- Journalism Project

TEACHING AND ASSESSMENT

A wide range of assessment methods are used on the course including essays, reviews, seen exams, individual and group presentations, critical self- and peer-evaluation, role-analyses/evaluations, logbooks, diaries and autobiographical writing. There will also be individual and group portfolios of work, group and individually produced artefacts, individual and group project reports, research exercises and tasks aimed at the assessment of specific skills.

GRADUATE EMPLOYMENT

Your career and academic development are at the heart of this programme. In particular, you can look forward to career opportunities in: journalism, public relations, information management, local and central government press offices and international organisations.

On graduation, you will be equipped with transferable skills that are highly valued in industries such as marketing, PR, new media, broadcasting and writing. Those looking for a career in academia may wish to continue to PhD study.

INTERNATIONAL NEWS JOURNALISM MA

Study full-time over one year

Entry Requirements: A good second class honours degree. Non-standard applications are welcome.
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £15,600
Programme Leader: Rex Li R.Y.Li@ljmu.ac.uk

This globally relevant masters in News Journalism has strong links to the media and boasts industry relevant technology, which will advance your professional development and enhance your ability to gather and report news.

WHY STUDY THIS COURSE AT LJMU?

News journalism in the 21st century is a 24-hour business, transcending boundaries, timelines and cultures. With the proliferation of social media, news bloggers and the ever-increasing demand for news media across a variety of channels, it is important for broadcasters, news journalists and management to have the necessary skills and knowledge to deliver consistent, accurate and well-researched news to tight deadlines.

This programme will develop your skillset to meet contemporary broadcast standards for the UK. You will be taught by professional, experienced and enthusiastic academic staff with extensive and current practical industry experience in print, radio, television and online journalism. Within a framework of strong industry links to the BBC, Trinity Mirror, Lime Pictures, FACT and BAFTA, our expert academics invite you to consider UK media practices and their position in global media platforms. You will develop an understanding and knowledge of journalism, particularly broadcast, for use in an international context. You will also gain a working knowledge of international relations relevant to the concerns of mainstream news organisations. Teaching is delivered in the £38 million Redmonds Building, which is home to The Liverpool Screen School. Here you will find the industry-relevant technology that will advance your professional development and enable you to gather and report news in a globally relevant fashion.

You will study the following modules:

- Journalism Studies
- Introduction to UK journalism
- Advanced UK Broadcast Journalism
- International Relations for Journalists
- Academic Research for Journalists
- Dissertation
- Broadcast Journalism Project

TEACHING AND ASSESSMENT

Many teaching methods are used on the programme, including lectures, demonstrations, screenings, seminars, workshops, work simulations, group work and live projects. Assessment is mixed, with practical modules usually based around portfolios of written work and simulated or real exercises. Written assessments include essays, reviews and reports, seen exams, critical self- and peer evaluation, role-analyses/evaluations, logbooks, diaries and autobiographical writing. Other assessments include individual and group presentations, group and individually produced artefacts, individual and group project reports, research exercises and tasks aimed at the assessment of specific skills. There is also a dissertation.

GRADUATE EMPLOYMENT

This International News Journalism MA will develop you into an adaptive, creative and self-reflective professional able to produce numerous outputs, for a variety of audiences, in a range of media forms. You will be confident in your application of news media principles in an international context and have an advanced appreciation of the working knowledge and nuances of international relations. On graduation, you will typically be able to work as a Broadcaster, Script Editor, Field Journalist, News Media Proprietor, Print Editor or, if you are interested in academia, you may use your dissertation and research skills to pursue a specific research interest.

MUSICAL THEATRE MA

Study full-time over one year

Entry Requirements: Normally a 2:1 degree in a performing arts related subject OR at least three years professional training / significant relevant musical theatre experience, accompanied by demonstrable creative potential and critical thinking.
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: £15,600
Programme Leader: Nicholas Phillips N.L.Phillips@ljmu.ac.uk

This 'adventure in musical theatre' will enhance your mastery of theatrical craft by helping you to define a personal methodology, style and approach to relevant disciplines.

WHY STUDY THIS COURSE AT LJMU?

During your studies, you will develop the confidence to apply knowledge and understanding, with originality and creativity, for the re-interpretation of assumptions regarding key traditions and practices in musical theatre performance. You will also work creatively, collaboratively and collectively with musical theatre makers who possess varying levels of experience and differing styles. This degree aims to create adaptive and flexible musical theatre professionals.

To develop your own creative practice as a musical theatre artist, you will learn how to employ a range of research methodologies and critical perspectives. You will interrogate, evaluate and explore musical theatre 'texts' and processes. If you are looking to set up your own theatre company, this MA will enable you to explore performance and event creation using organisational and managerial skills and industry knowledge.

You will be taught by professional, enthusiastic academic staff with extensive industry experience. Tutors have years of experience in drama, musical theatre, screenwriting, poetry, print, radio, television and online journalism. Many of the teaching team in Drama are widely published and prolific writers, producers and actors who have worked on plays and productions at the Edinburgh Fringe, top regional theatres and in the West End.

You will study the following modules:

- Research Methodology and Proposal
- Critical Perspectives and Repertoire
- Musical Theatre Laboratory 1 – crafts
- Specialist Craft
- Musical Theatre Laboratory 2 – ensemble
- Dissertation and Project

TEACHING AND ASSESSMENT

Assessments are a mixture of practical, including performance, and written, giving students the opportunity to demonstrate the required level of learning and achievement. The form of the assessment in practical work is negotiated and agreed in a Learning Contract with tutors, appropriate to your specific discipline.

GRADUATE EMPLOYMENT

Whether you're a professional, amateur, or involved in musical education, this degree is aimed at those who consider themselves 'musical theatre artists', whatever the context of their activities.

The degree will appeal to librettists, lyricists, composers, directors, choreographers, musical directors, performers and teachers – in fact, anyone interested in getting better at making musical theatre.

In addition, for those with backgrounds in composition, orchestration, playwriting and poetry, it is an opportunity to apply those skills to the specific demands of the musical theatre's dramatic and theatrical imperatives. For directors, choreographers and musical directors who have experience across their specific disciplines, the degree will provide the opportunity to hone more general techniques to the specific demands of the genre, acquiring new languages and processes in developing effective practice.

RESEARCH OPPORTUNITIES

Should you be interested in a research qualification, you can apply to study for an MPhil or PhD at Liverpool Screen School.

The MPhil can be studied full-time over 12 months. The PhD can be studied full-time over 36 months.

Conducting an individual and exciting body of research in the field of drama, film studies, media production, journalism or writing you will be allocated an appropriately experienced supervision team. This team will work with you throughout your research project. One supervisor will be appointed as your Director of Studies with responsibility for providing you with regular constructive feedback and guidance so that you can achieve your research goals.

The majority of LJMU students initially register for MPhil/PhD and go on to complete their PhD via successful progression from MPhil.

Within our School, we have three distinct research groups:

- Media, Culture, Communications
- Writers' Workshop
- Drama and Performance

We also collaborate with external partners, such as Willy Russell, the Everyman and Playhouse Theatre, Sound City, Writing on the Wall, The Bluecoat, Tate Liverpool, Lancashire Constabulary, the social services within Lancashire and the Royal Court Liverpool.

We aim to build on our existing research strengths and welcome the emergence of new strands and interests in our already diverse research community.

For more information, please visit ljmu.ac.uk/research

SCHOOL OF EDUCATION

EDUCATION

MA

Study full time over one year

Entry Requirements: A minimum 2:2 ideally in a relevant subject e.g. Education, Social Policy, Childhood, Community Development, Health or International Studies.

IELTS: 6.5 (minimum 6.0 in each component)

Fees: £15,600

Programme Leader:

Gillian Peiser
G.Peiser@ljmu.ac.uk

WHY STUDY THIS DEGREE

This programme will enable you to enrich and develop essential skills for career progression. You will explore your own values and principles regarding education and educational discourses and practices and will investigate how education facilitates opportunity.

Led by staff with significant practical experience of education systems in Nepal, Thailand and Brazil, you will explore education in an international context. This will enable you to build a global view of education, enhancing your existing knowledge and experience with new concepts and theories, grounded in research.

You will study on the following modules:

- Education, Society and Culture
- Competing Philosophies of Education
- The Critically Reflective Practitioner
- Education, Globalisation and Social Justice
- Critique, Power and Transformation in Education
- Research Methods
- Dissertation

TEACHING AND LEARNING

You will be taught via: workshops, seminars, lectures, online sessions, blended learning, face-to-face sessions and tutorials (include module specific and personal tutorials). You will apply your learning within the workplace/to professional practice experience in a range of settings e.g. education, social care, health, community agencies, learning and organisational development.

GRADUATE EMPLOYMENT

You will benefit from our strong and established relationships with employers in education and other fields.

As a graduate you will be able to enter or progress in a range of careers where education is central to practice and organisational purpose. You may go on to undertake roles in: policy work; arts education; educational leadership; community-based education; learning, development and support; schools; adult, further and higher education; local authorities/central government; diplomacy and international projects; educational research; NGOs and educational consultancy.

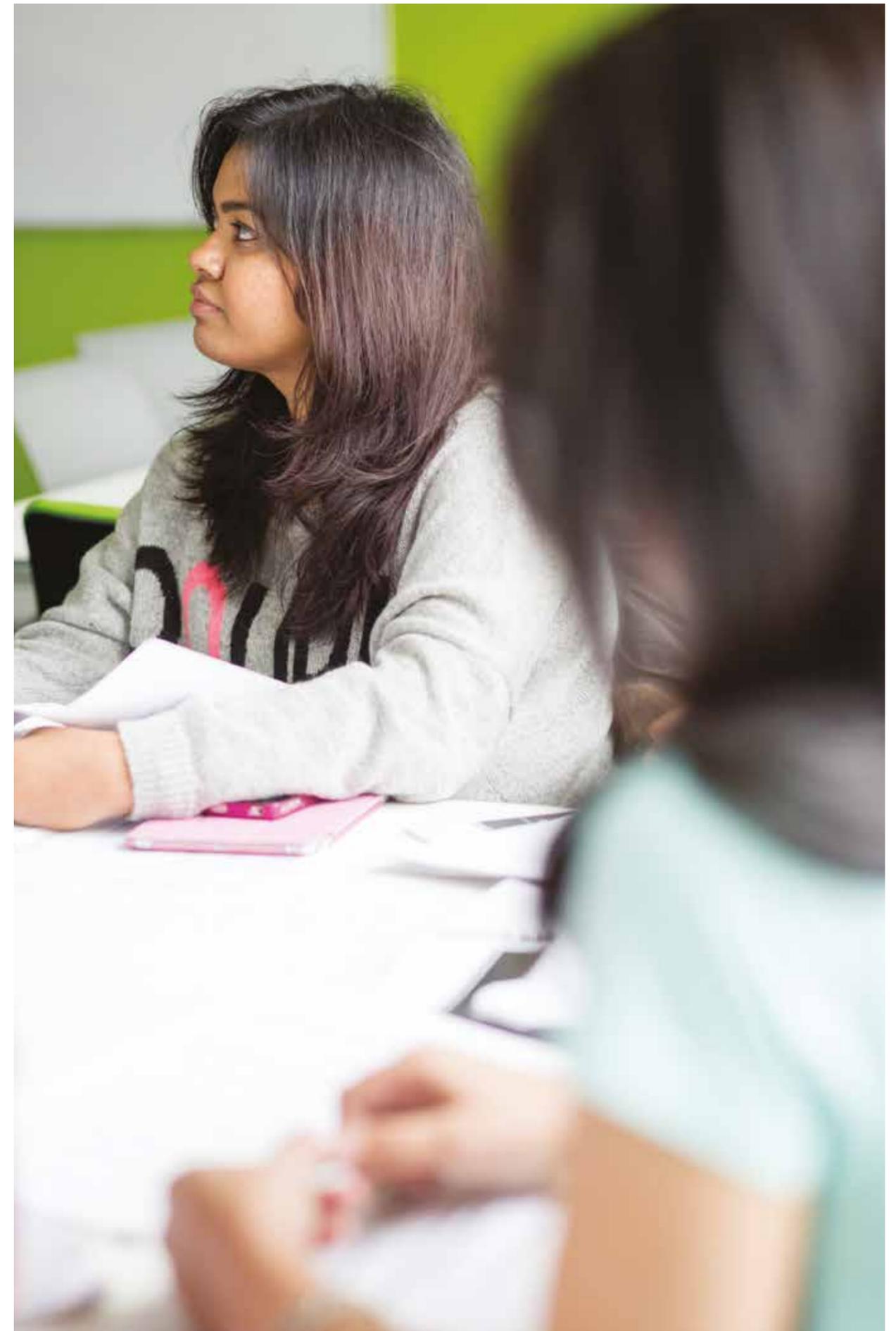
RESEARCH OPPORTUNITIES

Should you be interested in a research qualification, you can study for an MPhil, EdD or PhD in the School of Education. The MPhil can be studied full-time over 12 months. The PhD can be studied full-time over a further 24 months.

Research and scholarly advancement form the backbone of the School of Education, whilst our postgraduate community provides a thriving and supportive environment in which to study. The School works with a host of key partners to enhance learning and educational development on a local, national and international level. Researchers currently work in a variety of fields, including: inclusive education, digital literacies, early years' education, mentoring and professional learning, higher education, technology in education, values education and sex and sexualities education. We do, however, welcome applications from across all fields of education.

Research supervision is conducted by experts with an international reputation and close links with educational bodies and providers.

For more information, please visit ljmu.ac.uk/research



Faculty of Business and Law

- School of Business and Management
- School of Law

MEMBER OF THE BUSINESS EDUCATION ALLIANCE. AACSB

School of Business and Management

DIGITAL MARKETING MSc

Study full-time over one year

Entry Requirements: A good second class honours degree, preferably in Marketing, PR, Business, Computing or Media. Non-standard applications are welcome.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Natalie Counsell
N.K.Counsell@ljmu.ac.uk

The MSc Digital Marketing will extend your knowledge of traditional marketing and equip you with the new knowledge and approaches needed to reach digital audiences.

WHY STUDY THIS COURSE AT LJMU?

As the digital economy continues to grow, businesses need to develop a multi-channel digital presence to reach customers. Your postgraduate study on this specially designed course at LJMU will place you at the leading edge of creative strategy in this exciting area of the marketing industry.

Developed in partnership with industry, the programme aims to equip the next generation of digital marketing professionals with the knowledge and practical skills to develop, manage and lead a digital marketing campaign.

It is accredited by the Institute for Direct and Digital Marketing, recognising that course content is of a professional standard relevant to potential marketeers. Informed by current industry best practice, the course is aimed at graduates interested in pursuing a career in digital marketing and professionals who may already be in a marketing role and would like to diversify into the digital arena. During the course, assessment via a digital marketing campaign will provide you with valuable experience and enable you to develop a digital portfolio as a showcase for potential employers.

To help you appreciate the challenges faced by digital marketing practitioners, guest speakers will deliver seminars based around their own professional experiences. Previous guest speakers have included Paul Corcoran, owner of Agent Marketing, Bill Givens from Consensus UK, Chris Ellerby-Hemmings from Barbellogic, Michael Green from

Transactis Media and Manchester-based futurologist, Michael Ryan.

You will study the following modules:

- Digital Marketing in Context
- Digital Marketing (current and emerging technologies)
- Marketing, Consumer and Business Insights
- Digital Marketing Strategy and Planning
- Digital Marketing Campaign Management
- Research Methods for Digital Marketing
- Activity Based Learning Project/Dissertation

TEACHING AND ASSESSMENT

Knowledge and understanding are assessed through: tutor assessed presentations, case study-based assignments, essays, group coursework, individual coursework, project work on live client briefs, a research plan and a dissertation. Given the applied nature of the programme, many individual module assessments are designed so that students can demonstrate professional practical skills.

GRADUATE EMPLOYMENT

The programme offers opportunities to gain professional certification awards and will prepare you for roles in digital agencies, large companies and SMEs or for self-employment. As a digital marketing graduate, you will be equipped for roles such as Analytics Manager, CRM and Email Marketing Manager, Digital Agency Account Manager, Content Creator, Digital Marketing Manager, Web Manager, e-commerce Manager, Pay per Click Manager, Search Engine Optimisation (SEO) Manager and Social Media Manager. Many of our graduates have secured exciting positions in the field of digital marketing. Graduate destinations include digital marketing agencies in the areas of social media management, content marketing and SEO.

ACCREDITATION



ENTREPRENEURSHIP MSc

Study full-time over one year

Entry Requirements: Minimum second class honours degree, preferably in Marketing, PR, Business, Computing or Media. Non-standard applications are welcome.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Seamus O'Brien
S.O'Brien@ljmu.ac.uk

This course is a hothouse for entrepreneurs with the ingenuity and desire to pioneer their own fortunes. It encourages an innate sense of business acumen within a framework of surrounding expertise.

WHY STUDY THIS COURSE AT LJMU?

Designed for those wishing to set up a new business venture or for current business owners wishing to enhance and develop their entrepreneurial skills, this programme is delivered by teaching staff with an excellent record in academia and business. It is the essential programme of study for those seeking success with their own company.

The programme has been developed with leading business organisations and has an academic team comprising experienced lecturers and business experts including Dr Adam Shore, Dr Fragkoulis Papagiannis, Dr Isaac Amoako and Programme Leader, Seamus O'Brien.

In this traditionally independent field of business, your learning will be tailored and streamlined to ensure the smoothest route to your success as an entrepreneur.

During your studies, your business network and involvement in current business culture will expand to provide you with a strong platform from which to launch your business and new career direction. You will receive student membership of the Institute of Directors (IoD) which offers a wide range of bespoke services including personal, confidential support from a 'guru panel' and a placement and internship noticeboard advertising work experience opportunities.

By choosing to study at LJMU, you are placing yourself in a key city for international business and trade, putting you and your studies in a truly global commercial setting. You will be based in the Liverpool Business School in the £38 million Redmonds Building.

A forward-looking, professional centre of learning, the Business School is active locally and globally, providing a responsive business education that prepares graduates for a wide range of business and management careers.

You will study the following modules:

- Innovation, Creativity and Technology
- Entrepreneurship Concepts and Practice
- Entrepreneurship – Business to Business
- Psychology of Entrepreneurship
- Financial Planning
- Research Methods and Applied Research Methods
- Extended Research Project

TEACHING AND ASSESSMENT

This programme is taught using realistic case studies, workshops, lectures, seminar support, our virtual learning environment, coursework assignments, directed reading and guided study. All of these link theory to practical scenarios and examples. You will be assessed via coursework and will have to relate your learning to an entrepreneurial/enterprising context. You will have to produce individual/group reports, essays and individual/group presentations as well as taking class tests and exams.

Formative assessment is provided through oral presentations, debates, VLE tests and quizzes, class group discussions and discussion forums and there are practical tasks to assess practical skills.

GRADUATE EMPLOYMENT

As a student on this course, you may already be employed in a small or medium sized enterprise or be a business owner. If this is the case, the MSc Entrepreneurship will enhance your skills and knowledge of running a business, from developing leadership skills and project management and even using new and innovative technologies to improve your business to understanding the psychology of being an entrepreneur.

If you are a recent graduate with the passion and drive to do what it takes to become a successful entrepreneur, this course will provide you with the vital knowledge and skills to succeed in your field of business.

Course modules have been developed in close consultation with business leaders and academics to ensure they give you a distinct and thorough grounding in the key aspects of successful entrepreneurialism. Indeed, whatever your background, this programme will enhance your CV and make you stand out from the competition.

FINANCIAL MANAGEMENT MSc

Study full-time over one year

Entry Requirements: Minimum 2:1 honours degree or a 2:2 with at least two years' work experience. Applications are also welcome from those with no degree, but at least five years managerial or equivalent experience.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Michael Franco
M.Franco@ljmu.ac.uk

This MSc has been designed for those wishing to pursue a career in the diverse financial or accounting sectors. You will learn to think strategically about finance, with an emphasis on research and critical analysis.

WHY STUDY THIS COURSE AT LJMU?

In every arena, the effective financial management of funds enables businesses to operate successfully, achieving and superseding their set goals. This degree, recognised by the Chartered Institute for Securities and Investment (CISI), will enable you to implement the essential frameworks that support high performance businesses through optimum operational management.

As a student on this programme, you will develop a perennial skillset. If you are interested in strategic analysis and contributing to the long-term goals and success of the organisations that you advise, you can look forward to the further development of your financial acumen. The programme is also suitable for graduates who have no knowledge of finance but want to develop a career in the sector. You will have the opportunity to develop your practical skills through case studies and worldwide events, applying financial and management knowledge to improve organisational effectiveness and efficiency.

The overall aim of this programme is to produce postgraduates who are able to make a valid and meaningful contribution within the field of finance. Course tutors have expertise in a variety of financial disciplines, offering you an ideal introduction to a wide range of careers in finance. Many graduates will go on to work as financial managers, advising clients on the decisions that will direct their business in the most desirable directions.

During your studies, you will be able to sit one of the Chartered Institute for Securities and Investment (CISI) professional exams: Level 6 Financial Markets. Successful completion of this module will enable you to progress further and achieve either the CISI's Chartered Wealth Manager qualification or the Capital Markets pathway designation.

You will study the following modules:

- Quantitative Methods for Finance
- Financial Markets and Institutions
- Strategic Management
- Corporate Finance
- Globalisation of Finance
- Portfolio Management
- Dissertation

TEACHING AND ASSESSMENT

Programme tutors constantly review the course to reflect ongoing changes in the financial sector. This process of review and revision adds value to the modules tutors deliver through the academic research they produce. Tutors also work with a range of financial/accounting professional bodies to ensure that teaching reflects current practice within the industry.

Knowledge and understanding is assessed using a range of techniques including: traditional essay-based coursework assignments, reports, seminar presentations, poster presentations and closed book exams. Formative assessment will be used to critically analyse relevant literature, theories and models.

GRADUATE EMPLOYMENT

As the finance industry continues to grow, expanding its headcount regionally, nationally and globally, the demand for financial services and financial management will play an important role in stimulating economies, with nations such as China, India and the UK seeking graduates with qualifications in this discipline. This programme develops valuable transferable skills in finance, research, analysis and strategy.

On graduation, you will be able to apply for a number of positions within the finance industry.

You may work in retail and investment banks, insurance/pension companies, financial management/financial consultancy, investment consultancy and analysis or accountancy. Potential roles include Finance Manager; Financial Controller; Business Strategist and Financial Consultant. Indeed, you will be able to occupy this kind of advisory position, or similar, in a wide range of interesting sectors.

ACCREDITATION



HUMAN RESOURCE MANAGEMENT MA

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree plus professional experience, or the desire to work in this area. Other qualifications will also be considered.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:

Paul McEvoy Clarke

P.M.McEvoyClarke@ljmu.ac.uk

This long established Human Resources masters will enable you to apply advanced knowledge of HR in diverse environmental contexts, developing crucial analytical and behavioural skills.

WHY STUDY THIS COURSE AT LJMU?

Human resource management strategically supports and adds value to business growth and development. Indeed, resource costs are among the most expensive operational spend for many companies. As employee needs evolve and the external environment changes, organisations are demanding the knowledgeable, capable and sustainable human resource specialists developed on this programme.

The programme focuses on the analysis and evaluation of different organisational approaches and academic perspectives on a range of HRM issues.

Human resource professionals are encouraged to add value to their organisations and develop throughout their career. This programme supports the growth of professional skills and behaviours through an interactive developmental module. Professional HR practice is at the heart of the HRM teaching team. Staff run the Professional HR Network Group, which organises industry events, online forums and employer visits, undertakes a range of practitioner and contemporary research and is fully engaged with the Chartered Institute of Personnel and Development (CIPD). LJMU is a CIPD approved centre and assessment is set internally, with external examiner approval. Completion of this programme results in approval against the knowledge requirements of the CIPD's Advanced Diploma Level Standards.

The value placed on this masters by employers is clear from the number of public and private sector organisations who send their staff to study with us on an ongoing basis. This has also been reflected in the sustained growth of our portfolio of masters programmes.

You will study the following modules:

- Developing Academic Business & Leadership Competencies
- HR Context
- Strategic HR & Leadership
- Managing Employment Relations
- Managing Resource Strategies
- Development and Performance Strategies
- Engagement in the Digital Age
- Research Methods for HR
- Dissertation and Impact Report

TEACHING AND ASSESSMENT

The programme calls on a variety of learning approaches. Electronic resources such as e-journals, session notes and module guides are available on and off campus. Workshop sessions comprise lecturer input, facilitated discussions of organisational approaches, presentations to develop learning, discussion groups around research, journal articles, reading, organisational approaches/practice and case study work. There will be opportunities to discuss assignments, clarify requirements and explore approaches with colleagues. You will be assessed via coursework, exams, a portfolio of skills development, a research proposal and the dissertation.

GRADUATE EMPLOYMENT

The CIPD's Advanced (Level 7) Standards are recognised as the key HR qualification required by employers when recruiting HR Business Partners, Advisors and Managers. Successful completion of the MA Human Resource Management gives you the knowledge requirements from which, with appropriate experience, you will be able to apply for Chartered Membership of CIPD.

ACCREDITATION



INTERNATIONAL BUSINESS AND MANAGEMENT MSc

Study full-time over one year

Study full-time over two years, including Advanced Practice consultancy placement in second year

Entry Requirements: Minimum second class honours degree or an equivalent professional qualification.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:

Sue Hill

S.J.Hill@ljmu.ac.uk

The International Business and Management masters degree will enable you to explore the operational and strategic breadth of modern global business.

WHY STUDY THIS COURSE AT LJMU?

The standard model for business operation in the 21st century is global in scope. This is due to a number of factors, not least the widespread use of digital technologies and the ease with which labour and the distribution of goods can be migrated. Such economic circumstances create the need for internationally-minded and effective management professionals who can negotiate cultural and commercial location-specific protocols.

Studying the MSc in International Business and Management will open up a wealth of global opportunities for graduates with the knowledge to negotiate between countries, cultures, political and economic systems and other commercial borders. The degree will not only take you to the next level of academic achievement, it will also boost your knowledge base and enable you to apply for roles that surpass your current position. You will gain advanced business acumen plus the enhanced skills in leadership and strategy to be an effective management professional, regardless of location.

This qualification will also enable you to move from a UK-based perspective to a wider remit of roles requiring an international, commercial worldview.

If you are proficient in a second language, your opportunities for progression within the international job market are likely to be further enhanced. Liverpool is a key city for international business and trade and studying here places you in a truly global commercial setting.

You will study the following modules:

- Management Theory and Leadership
- Economics and Finance
- Strategic Management
- Managing Business Research 1
- Managing Business Research 2
- Management Competencies
- Managing Across Cultures
- International Business and Trade
- International Research Project

If studying over two years, your Advanced Practice would take place in the first semester of your second year, along with your dissertation in the second semester.

TEACHING AND ASSESSMENT

A variety of assessment methods are used in the programme including: problem-solving exercises, practical projects, case studies, research-based projects, literature reviews, group presentations, group and individual reports, reflective reviews and class tests. Feedback is provided in all modules and extensively in supporting workshops. In most modules, you will be expected to complete more than one piece of formal assessment.

GRADUATE EMPLOYMENT

This is a diverse degree with a global outlook. It will give you valuable knowledge in advanced management theory and principles of core management and application. It will also enable you to undertake internships with leading business organisations.

By developing your key management skills and giving you valuable insights into contemporary business topics, the degree will help you prepare for the workplace and a successful career in strategic management. You will be ready to work in sectors around the world including transport, the public sector, banking and finance, marketing and supply chain management.

INTERNATIONAL EVENTS MANAGEMENT

MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:

Tom Fletcher

T.G.Fletcher@ljmu.ac.uk

This masters in International Events Management will give you a critical, theoretical, strategic and practical knowledge and understanding of the sector from an international perspective.

WHY STUDY THIS COURSE AT LJMU?

The international scope of the events industry has moved beyond geographical and cultural boundaries, presenting a strong demand for innovative professionals. Employers have identified a skills gap in candidates applying for international events management posts and recent industry sector reports confirm the continued growth of the worldwide events sector.

This programme is ideal if you are interested in working as an Events Manager or are already working in the industry and want to enhance your knowledge of the sector in an international context. It provides a critical understanding of relevant contemporary issues, whilst focusing on the practical application of theory and events management 'know-how'. You will develop a real understanding of event planning and management processes and how you can develop your career in this ever-growing global industry.

Delivered by staff with practical and academic expertise, the course offers a variety of learning approaches. Tutors have been involved in the delivery of a wide range of international events including the World Firefighter Games, national and international Professional Bull Riding championships and the USA Pro Cycling Challenge.

Over the last decade, Liverpool has hosted many major events, such as the MOBO Awards, MTV Europe Music Awards and Four Nations Rugby League Final, making it the ideal backdrop for your studies. This programme will provide experiential links to the city's event environment to facilitate, contextualise and enhance events-related learning.

There are strong links with the Arena and Convention Centre Liverpool, Liverpool Sound City and Aintree Racecourse, whilst connections with EventStart mean you can engage with the wider events community through volunteering and paid work opportunities.

LJMU has cultural partnerships with big names in the events industry, including the Tate, Everyman Theatre and Light Night. These partnerships give our students unique opportunities in the events sector, as well as discounts and exclusive offers.

You will study the following modules:

- Digital Communication Management
- Strategic Management
- Research Methods
- Planning & Resourcing Events
- Staging & Evaluating Events
- Events in a Global Society
- Research Project

TEACHING AND ASSESSMENT

The programme features a wide range of teaching activities including: interactive lectures, workshops, tutorials, seminars, group work and practitioner engagement via guest lectures and event site visits. This blend of contact with academics and practitioners will enable you to apply your theoretical learning, grow your network and enhance your learning experience.

You will be assessed via independent project work, critical reviews of industry practice in relation to theory and current research, written assignments and formal presentations. You will also have to demonstrate the development of your professional practice by planning, executing and evaluating a live event in Merseyside.

GRADUATE EMPLOYMENT

The growth of the global meetings, incentives, conventions and exhibitions (MICE) industry is reflected in increased employment rates: between 2000 and 2013 some 400 million jobs were generated which represents 20% of global employment growth (MPI UK Economic Impact Study).

As a graduate in international events management, you will enjoy excellent career opportunities within the public, private and not-for-profit sectors. You will be able to work as a: Global Events Manager, International Events Project Manager, International Business Conference Producer, an International Media Events Salesperson or an International Events Executive.

INTERNATIONAL HUMAN RESOURCE MANAGEMENT

MSc

Study full-time over one year

Entry Requirements: A good second class honours degree, preferably in a business-related subject. Industry experience in the field of HR, training, development or related area is recommended but not essential.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Maureen Royce
M.A.Royce@ljmu.ac.uk

This MSc will enable you to become a globally knowledgeable practitioner with an appreciation of multi-cultural international practice and the HR issues that underpin contemporary global organisations.

WHY STUDY THIS COURSE AT LJMU?

Approved by the Chartered Institute of Personnel and Development (CIPD), this programme has been developed to enhance and build your abilities to critically examine and apply contemporary approaches to HR management within organisations operating in a global environment. The programme builds professional core areas such as managing resourcing strategy internationally, global consultancy skills and organisational development in an international environment.

Acknowledging the growth of global consultancy, the programme will encourage you to develop the financial, strategic management and relationship skills required by contemporary human resource managers to perform their roles effectively. You will critically examine the needs of the global marketplace and the integration of skills, systems and knowledge required to enable organisations to operate efficiently and effectively in dynamic environments.

Using international business case studies highlighting best practice across a variety of sectors, industries and stakeholders, you will also evaluate different approaches to designing and managing human resource strategy.

You will study the following modules:

- Developing Academic Business and Leadership Competencies
- Introduction to HRM Strategy and Context
- Management Theory and Leadership
- International Consultancy Skills
- Managing Resourcing Strategy
- Organisation Development in an International Environment
- Research Methods
- Global Digital Engagement
- Dissertation and Impact Report

TEACHING AND ASSESSMENT

Assessments will run throughout the academic year. For the majority of modules, you will be assessed by presentations, case studies, written essays and reports. Examples of assessment methods include written assignments reviewing the implications of current research for contemporary organisations; an IT portfolio evidencing your development; a research proposal for your dissertation and face-to-face presentations, including role-play.

GRADUATE EMPLOYMENT

Successful completion of this programme fulfils the knowledge requirements from which, with appropriate experience, you will be able to apply for Chartered Membership of CIPD. Employers will recognise this as a globally valuable HR qualification when recruiting for a range of key HR roles, including: HR Business Partners, Advisers and Managers, particularly in organisations with an international dimension.

ACCREDITATION



INTERNATIONAL PUBLIC RELATIONS

MSc

Study full-time over one year

Entry Requirements: A good second class honours degree, preferably in a business-related subject, computing or media.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Keith Thompson
K.Thompson1@ljmu.ac.uk

This exciting masters programme will provide new and experienced practitioners with the essential skills and experience required for a successful career in digital communications and PR.

WHY STUDY THIS COURSE AT LJMU?

The growth of digital communications and its effect on reputation and branding have been apparent in recent years. News and opinions can spread quickly online, often fuelling international print and broadcast media news agendas and providing new challenges for PR practitioners. The CIPR's report, 'The State of the Profession 2013/14', presents a healthy industry with an increasing range of opportunities for graduates and practitioners. As such, graduates of this exciting masters course are expected to enjoy enhanced career prospects whether they are new to the industry or seeking promotion.

The programme is fully recognised by the Chartered Institute of Public Relations and aligns with the professional body's criteria for employability and market relevance. It provides a global focus in an increasingly international discipline. It is aligned to the Public Relations Consultants Association and Chartered Institute of Public Relations knowledge standards. In addition to our expert academic staff, keynote tutorials and seminars will be delivered by industry practitioners and guest speakers from a variety of organisations, further enhancing your understanding of this fascinating field. Indeed, the programme places a strong emphasis on contemporary case studies from industry partners and scenarios.

You will study the following modules:

- Perspectives
- Public Relations Planning and Strategy
- Digital Marketing in Context
- Managing Business Research 1
- Digital Communication Management
- Managing Business Research 2
- Media Relations
- International Research Project
- International Public Relations

TEACHING AND ASSESSMENT

The programme uses a variety of assessment methods including formal exams, coursework (including formal reports and presentations) and project work. The individual research project plays a major role in course assessment. Practical work is assessed via practical tasks, formal reports, presentations and portfolios.

GRADUATE EMPLOYMENT

This programme enables you to gain sector relevant expertise, as well as valuable transferable skills in research, analysis, interpretation and presenting. The course focuses on fulfilling roles which address the international aspects of public

relations. Postgraduate study will deepen your awareness and understanding of PR practices, tactics and strategy in national and international contexts, for a range of audiences and purposes.

Graduates can expect to find work in media communications, marketing, new media, digital industries, business and management, politics and social science. Typical roles for graduates include Public Relations Officer, New Media Professional, Talent Agent and Copywriter/Writer.

ACCREDITATION



INTERNATIONAL TOURISM MANAGEMENT

MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree or a professional qualification with work experience or significant industry experience.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Dr Takamitsu Jimura
T.Jimura@ljmu.ac.uk

This MSc in International Tourism Management develops the knowledge and skills required to work in this fast-paced sector, calling on wide ranging links with the tourism industry.

WHY STUDY THIS COURSE AT LJMU?

Study global tourism in the heart of Liverpool – a thriving, cosmopolitan city with its own multi-million pound tourist industry. Led by expert tutors actively engaged in research and consultancy work, this masters programme covers a host of key topics and develops the knowledge and skills required by management professionals in the international tourism sector.

Re-launched in 2016 with a contemporary, international perspective, this programme is flexible in design and is aimed at both new graduates and those already working in the tourism, leisure and hospitality sectors. During your studies, you will learn about current and emerging sector developments through the programme's wide-ranging links with the tourism industry. You will benefit from industry speakers, placement opportunities and trips to tourism organisations, giving you an insider's view of the sector.

This Masters course attracts students from all parts of the globe, including the UK, Italy, Africa, America, Indonesia, Nepal, India and China. Such varied cohorts enrich the learning process, bringing together different experiences and facilitating informed discussion and knowledge sharing. Student support levels are exceptionally high in this subject area, with course tutors previously nominated for Teacher Excellence awards in recognition of their outstanding pastoral and academic support for postgraduate students.

You will study the following modules:

- Individual Research Project
- Research Methods
- International Marketing and Management for Tourism and Hospitality
- Critical Perspectives in Tourism and Hospitality Management
- Managing Resources in Tourism and Hospitality
- Developing Professional Practice
- Strategic Management

TEACHING AND ASSESSMENT

The programme is taught via interactive lectures, workshops, tutorials, seminars, group work, guest lectures and engagement with tourism industry managers through presentations and visits to industry partners. It also makes extensive use of LJMU's Virtual Learning Environment.

There are one or two coursework assessment tasks per module. These comprise case studies, portfolios, reports, oral presentations and research-based projects. To help you prepare your submissions, timely, constructive, developmental feedback is provided throughout the course.

GRADUATE EMPLOYMENT

During your studies you will benefit from exceptional networking possibilities and, as a graduate, you can look forward to excellent employment opportunities. The MSc in International Tourism Management will develop a host of transferable skills, preparing you to work in management and marketing roles across a range of sectors.

Graduates of our previous masters courses have gone on to take up management positions right across the global tourism sector. Many hold senior positions in hotels, tourist attractions and tourist resorts, whilst others have set up their own businesses.

This course is recognised by the Tourism Management Institute (TMI)

MANAGEMENT

MSc

Study full-time over one year

Or

Study full-time over two years with Advanced Practice consultancy placement in second year

Entry Requirements: Minimum second class honours degree or an equivalent professional qualification.
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £15,600
Programme Leader: Sue Hill S.J.Hill@ljmu.ac.uk

The MSc Management is designed to provide you with theoretical and practical perspectives on business and management issues, equipping you to prosper in today's dynamic business environment.

WHY STUDY THIS COURSE AT LJMU?

As the national and international market place is constantly changing, it is important to gain the necessary knowledge and skills to make your future a success. By completing this masters, your commercial and strategic acumen will develop, enabling you to make an impressive contribution to contemporary management practice. Liverpool is a key city for international business and trade and studying here places you in a truly global commercial setting.

Designed for the business leaders of tomorrow, the programme invites you to join a highly supportive scholarly community of likeminded fellow professionals. Our approach features carefully balanced theoretical content, integrating classic research with contemporary analyses of international business topics. There is a strong emphasis on developing the key skills and knowledge required for a successful career in international business management and thus active case studies, developed with commercial and industry partners, directly link theory with practice.

The programme allows you to study different aspects of business and management in parallel and you can look forward to research and internship opportunities in Merseyside and the surrounding areas.

You will study the following modules:

- Management Theory and Leadership
- Economics and Finance
- Strategic Management
- Managing Business Research 1
- Managing Business Research 2

- Management Competencies
- Research Project

Optional modules are also available covering topics such as:

- Supply Chain Management
- Marketing Management
- Managing Human Resourcing Strategy
- Experience Through Internship

If studying over two years, your Advanced Practice would take place in the first semester of your second year, along with your dissertation in the second semester.

TEACHING AND ASSESSMENT

A variety of assessment methods are used in the programme including: problem-solving exercises, practical projects, case studies, simulations, research-based projects, literature reviews, group presentations, group and individual reports, reflective reviews and class tests. Opportunities for formative feedback are built into all modules and the supporting workshops. In larger modules, there is more than one formal assessment.

GRADUATE EMPLOYMENT

The MSc Management is a diverse degree, which will give you valuable knowledge in core management, as well as the opportunity to undertake internships with leading business organisations. By developing your key management skills and giving you valuable insights into contemporary business topics, the degree will help you prepare for the workplace and a successful career in strategic management.

On graduation, you will be well positioned to undertake management roles in a range of sectors and countries, from financial services to the manufacturing, marketing, supply chain management, transport and leisure industries.

MANAGEMENT AND DIGITAL BUSINESS

MSc

Study full-time over one year

Or

Study full-time over two years with Advanced Practice consultancy placement in second year

Entry Requirements: Minimum second class honours degree or an equivalent professional qualification.
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £15,600
Programme Leader: Sue Hill S.J.Hill@ljmu.ac.uk

The digital world provides lucrative opportunities for businesses to find new markets and exploit their potential. This MSc will develop an in-depth knowledge of digital technologies and their application in the global marketplace.

WHY STUDY THIS COURSE AT LJMU?

Modern management requires digital strategists able to exploit the new technologies at our disposal for a maximum return on investment. They need to be globally aware and digitally trained, and this course represents a new generation of leadership in both thought and practice. This cutting-edge MSc has been expertly designed by our academics to place you at the forefront of contemporary business practice. It aims to produce graduates with strong technical skills who are intellectually and practically capable of operating effectively as managers and making an early contribution to the implementation of digital solutions. It covers a range of topics enabling you to understand, control and exploit the digital technologies required by modern global businesses. During your course, you will learn to work efficiently on your own and within teams, studying theories, techniques and practical skills within the business and management environment. You will develop your analytical and technological knowledge, while enhancing your strategic development skills.

The programme is delivered in our dynamic business school, which has a strong scholarship culture. You will be based in our Redmonds Building, in Liverpool's Knowledge Quarter, where you will benefit from bespoke postgraduate facilities.

You will study the following modules:

- Digital Business
- Management Theory and Leadership
- Economics and Finance
- Research Project
- Strategic Management
- Managing Business Research 1
- Managing Business Research 2
- Management Competencies

Your **Advance Practice (consultancy placement)** would take place in the first semester of your second year, along with your dissertation in the second semester.

TEACHING AND ASSESSMENT

A variety of assessment methods are used throughout the programme including: problem solving exercises, practical projects, case studies, simulations, research-based projects, literature reviews, group presentations, group and individual reports, reflective reviews, class tests and portfolios. There will also be operational and strategic business simulations, case studies developed by the team in collaboration with local

companies, pitching ideas, business analytics, user-centered design principles and social media marketing. You will apply your learning to real-life scenarios and gain important experience and expertise in effective problem solving.

GRADUATE EMPLOYMENT

The MSc Management and Digital Business is a diverse degree, which provides valuable knowledge in core management, as well as the opportunity to operate as a global leader in the digital age. Graduates of the programme are expected to deliver the next generation of digital applications and platforms to a wide range of industries. The application of your skill will be most commonly sought after within business analysis, operations and project/consultancy work and your career prospects will benefit, not only from your valuable knowledge, but also from an industry shortage of specialists in this area.

PUBLIC RELATIONS MSc

Study full-time over one year

Entry Requirements: A good second class honours degree, preferably in a business-related subject, computing or media.
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £15,600
Programme Leader: Keith Thompson K.Thompson1@ljmu.ac.uk

This programme is designed for strategic communicators with a creative flair and delivered by academics with relevant industry experience.

WHY STUDY THIS COURSE AT LJMU?

Public Relations is a growing sector worth over £12.9bn and employing over 80,000 people. PR professionals manage strategies, reputation and the direction of their client's public profile. In this ever-evolving digital age, the ability to communicate, understand and shift opinion is highly valued in terms of positioning how a client or product looks and how customers interact with that client/product.

This programme is fully recognised by the Chartered Institute of Public Relations and aligns with the professional body's criteria for employability and market relevance. Studying public relations at postgraduate level will place you at the leading edge of communications in this well-established sector. You will explore how audiences can be produced, influenced and reached using highly influential and successful strategies that, in turn, contribute to the continued success of the business or individual they support.

You will gain the skills and knowledge you need to work in the public relations sector. Your learning will cover corporate communications, internal communications and the emerging discipline of online public relations incorporating search engine optimisation and social media strategy development. Taught by expert staff with significant industry experience, you can look forward to enhanced career and promotion prospects.

You will be based in the Liverpool Business School, which is home to a vibrant and active research community committed to innovation and excellence in research. Our main areas of research expertise include entrepreneurship and small businesses, public management, evaluation research, research with practitioners.

You will study the following modules:

- PR Perspectives
- Public Relations Planning and Strategy
- Digital Marketing in Context
- Managing Business Research
- Digital Communication Management
- Managing Business Research 2
- Media Relations
- Research Project
- Event Management
- International Public Relations

Optional modules are also available covering topics such as:

- Event Management
- International Public Relations

TEACHING AND ASSESSMENT

You will be assessed using a variety of relevant methods including: coursework, presentations, portfolios, reports and practical work. Information on assessments will be available at the start of each taught module.

GRADUATE EMPLOYMENT

This programme enables you to gain sector relevant expertise, as well as the valuable transferable skills of research, analysis, interpretation, presentation, creativity, writing and initiative. Graduates can expect to find work in media communications, marketing, new media, digital industries, politics, social science and business/management. Typical graduate roles include Public Relations Officer, New Media Professional, Talent Agent and Copywriter/Writer.

ACCREDITATION



DOCTORATE OF BUSINESS ADMINISTRATION DBA

Study part-time over four years

Entry Requirements: A business-related masters or equivalent qualification with recent business and management experience
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: 2020 fee to be confirmed.
Course Enquiries: international@ljmu.ac.uk

This Doctorate in Business Administration provides senior executives and managers with the opportunity to achieve the highest academic degree while remaining in full-time employment.

WHY STUDY THIS COURSE AT LJMU?

Liverpool Business School has an excellent reputation in external research and collaborative ventures with partners across a range of sectors in the UK and internationally. It is a member of the Executive DBA Council (EDBAC) and, as such, focuses on fostering excellence and innovation in executive doctoral degree programmes. This DBA provides existing senior executives and business leaders with the academic support, expertise and flexibility to carry out individual projects that impact on your organisation and industry. Your employing organisation will directly benefit from your research, gaining valuable and objective feedback.

Equivalent to a PhD qualification, the programme is aimed at senior professionals who are qualified in their own areas of professional practice. It will also appeal to managers who are looking for a challenge and want to pursue the highest academic qualification that will lead to new areas of professional practice..

In addition to the workshops that you will attend as part of the course, there are additional optional events and opportunities that candidates may wish to attend. These include DBA Writing Retreats, participation in the Doctoral Conference at Liverpool Business School and the opportunity to undertake research methods training offered by NARTI (Northern Advanced Research Training Initiative).

The DBA will enhance your ability to develop new knowledge and apply that knowledge to a professional context, thereby making a real and tangible impact on individuals and organisations. It will also equip you with the necessary skills to carry out

rigorous research and concentrate on the needs of your business, driving forward organisational progress without putting your learning or your business on hold.

On graduation you will have developed a specialist range of problem solving and decision making strategies that will take you to the next level of success. The programme team's research interests reflect the wide-range of knowledge and skills that constitute DBA study. Staff are actively involved in research spanning areas ranging from finance to marketing, international business to e-government, human resource development to performance management and knowledge management to sustainability.

You will study the following modules (subject to revalidation):

- Planning Module
- Investigative Project
- Reflective Module

TEACHING AND ASSESSMENT

You will be assessed via coursework featuring a learning agreement, investigative project reports, a portfolio of reflective tasks and seminar presentation exams. In contrast to a PhD, a DBA at Liverpool Business School not only requires a contribution to theory, but also a contribution to practice. This means that candidates undertaking a DBA need to demonstrate that they make an impact on the development of a profession and/or an organisation.

GRADUATE EMPLOYMENT

If you are employed during the course of your DBA, your research will be of great benefit to you and your employer, particularly if you are focused on a large-scale project. Previous students have found that the research undertaken during their DBA has helped them gain valuable and objective feedback, which has essentially provided their employers with high levels of focused, internal consultancy.

RESEARCH OPPORTUNITIES

Join Liverpool Business School and conduct an individual body of research in business, commerce, digital marketing, strategic management, human resource development, knowledge management, sustainability, project management or social enterprises.

The PhD can be studied full-time over 24 months.

Research can be supervised by individual faculty members or aligned to one of our research centres.

Liverpool Business School's doctoral programmes attract a wide range of UK and international research students. The

doctoral student research suite in the Redmonds Building enables students to establish a University base from which to conduct their research and forge networks with other students and staff.

Our current staff and students work across a range of topics, covering social enterprises, corporate and social responsibility, social return on investment, ethnography, place marketing and entrepreneurship. Students are encouraged to publish their research, in collaboration with their supervisors.

Current Research Groups include:

- Digital Marketing and Retailing
- International Business Management and Strategy (IBMS)
- Leadership Education and Development
- Project Management
- Small Business and Entrepreneurship

For more information, please visit ljmu.ac.uk/research

School of Law

GLOBAL CRIME, JUSTICE AND SECURITY

MSc / LLM

Study full-time over one year

Entry Requirements: Minimum second class honours degree in law, criminal justice, politics, banking, finance, accounting or similar. Non-standard applications are welcome. Non-law graduates will have to take a short pre-course.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Dr Gary Wilson
G.Wilson@ljmu.ac.uk

Based on internationally recognised research and delivered by expert authors, this programme invites you to extend your knowledge of global crime, justice and security within an international legal context.

WHY STUDY THIS COURSE AT LJMU?

Governments and authorities in the 21st century are facing major challenges as they deal with terrorism and complex organised crime, which crosses borders and poses difficult issues for legal practitioners and organisations across a variety of sectors.

A contemporary masters degree focusing on key issues in a global context, this course is recognised by the Solicitors Regulation Authority. It develops critical analysis and assesses legal frameworks from an international perspective and is open to professionals from a non-law background. Flexible entry points mean students can opt for either an LLM or MSc award. As a student of Global Crime, Justice and Security, your teaching will be delivered by an academic team with internationally recognised research profiles and extensive practice-based experience. You will gain a core knowledge of areas including human rights, international criminal law, the use of force, global crime, justice and security and the United Nations collective security system.

The programme is built around a wide range of optional modules. These specialist modules will enable you to uncover the many issues pertaining to global crime justice and security. Your critical understanding at this level will be deepened as you explore theoretical and empirical debates relating to power, security, statehood, recognition and self-determination, the implementation of democracy, the rule of law and human rights.

You will study the following module:

- Contemporary Issues in Global Crime, Justice and Security

Optional modules are also available covering topics such as:

- International Criminal Law
- Conflict and Warfare in International Law
- Statehood, Peoples and Statelessness
- Democracy, Rule of Law and Human Rights
- Postgraduate Legal Research Methods
- Postgraduate Legal Research Methods (Socio-legal)
- Global Crime and Security
- The United Nations International Security and Global Justice
- EU Foreign Security and Justice Policy
- Gendered Perspectives on International Law
- Dissertation
- Dissertation (Socio-legal)

TEACHING AND ASSESSMENT

The programme's blended learning techniques include: interactive, self-directed and independent learning; lecturer-produced course documents; collaboration and cohort learning through online forums or group working. Technology plays a crucial role in this programme and modules use online feedback and face-to-face assessments.

Teaching is usually delivered via seminars and workshops and you will need to undertake some preliminary reading to prepare for and take part in group discussions. All taught modules are assessed via written coursework of 5000 words, requiring the demonstration

of independent learner status through knowledge and understanding of the learning outcomes for each module and the programme as a whole. The final dissertation module is assessed via an individual piece of coursework of 12000 words in a designated area of Global Crime Justice & Security.

GRADUATE EMPLOYMENT

Typically, students who study on the LLM/MSc will be progressing from their first degree or practising in a field of law, or in law-related employment. This programme has been designed to enhance your career prospects, particularly if you are professionally engaged in security, shipping, corporate or civil law. You may be a professional who requires specialist knowledge in a dedicated field relating to the law and social justice, particularly if you are aiming to or already working within multi-lateral organisations such as the European Union or United Nations. If you are interested in a career in academia or enhancing your knowledge in a discreet field of law, you may also find positions in education and research, even perhaps continuing your studies to PhD level.

INTERNATIONAL BUSINESS CORPORATE AND FINANCE LAW

LLM

Study full-time over one year

Entry Requirements: Minimum second class honours degree in law, banking, finance, accounting or similar. Non-standard applications are welcome. Non-law graduates will have to take a short pre-course.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Dr Blanca Mamutse
B.C.Mamutse@ljmu.ac.uk

This innovative LLM programme examines legal issues affecting business organisations operating in a global environment through the study of international business, corporate, banking and finance law.

WHY STUDY THIS COURSE AT LJMU?

Designed specifically for those working – or planning to work – in the field of law, banking and financial services, this programme is ideal for new graduates as well as those undertaking Continuing Professional Development (CPD). The globally relevant field of law is the cornerstone for international business

operations and this course examines key legal issues affecting businesses operating on the global stage.

Approved by the Solicitors Regulation Authority and Bar Council, the course offers a range of modules taught by subject specialists. You will critically analyse key themes of commercial, finance and corporate law, set against an international backdrop and increase your understanding of the complexities arising in this specialist field. It will challenge your thinking and stimulate your academic aspirations. It will enable you to appreciate the importance of legal and commercial awareness in the areas of international business and finance. You will develop the advanced knowledge and skills required for senior functional or general management roles and will gain strategic knowledge from the subjects selected for your particular learning profile. Understanding how research enhances your knowledge in this area, you will also gain an international insight by comparing the perspectives of different countries.

The LLM is delivered by academics engaged in research in their specific subject area – a blend of career young, research-active lecturers, qualified and former practitioners of law and internationally established experts in their field.

You will study the following modules:

- Advanced Legal Research Methods
- Dissertation

Optional modules are also available covering topics such as:

- International Trade and Finance Law
- Global Finance Law and Regulation
- International Corporate Finance Law
- International Corporate Governance
- International Corporate Insolvency
- International Financial Crime
- International Dispute Resolution
- International Labour Law

TEACHING AND ASSESSMENT

Our expert academics have designed your assessed work to ensure that you fulfil your potential at this important stage of your development. Ongoing assessment is carried out through group interaction in the preparation of work for seminars. Module assessment is via coursework and the final dissertation. Coursework pieces require 4500 words and the final dissertation 10-12,000 words.

GRADUATE EMPLOYMENT

The LLM attracts those in the fields of law, business, banking and financial services. On graduation, you will be well placed to enter the job market with an international strategic focus and the ability to apply for roles that consider risk, financial transactions and structures, markets and how businesses interact with the multiplicity of policies and procedures in a range of global contexts.

The programme will give you the knowledge and critical skills required to effectively contribute to operational and strategic decision-making processes within organisations. It will prepare those already in employment for career progression and enhance the employability of those looking to launch their career in this fascinating sector.

INTERNATIONAL CORPORATE LAW AND MANAGEMENT

LLM

Study full-time over one year

Entry requirements: a minimum 2:2 honours degree in an appropriate subject e.g. in Law, Finance, Business, Business Management, Banking or Accounting

or

A professional qualification deemed to be equivalent to an appropriate Honours degree

or

Qualifications and previous work experience deemed to be equivalent to the above entry requirements and in suitable areas linked to the award

IELTS: 6.0 overall (minimum 5.5 in each component)

Fees: £15,600

Programme Leader:
Richard Ridyard
R.M.Ridyard@ljmu.ac.uk

This programme combines academic analysis with practical application to provide an in-depth understanding of the critical issues at the intersection of law and business management.

WHY STUDY THIS COURSE AT LJMU?

It is difficult to understand the development of business, the intricacies of firm value, and the reasons for the success and failure of a corporation without a thorough understanding of the regulatory and legal environment within which business activity takes place.

Throughout the MA you will develop some of the skills and dispositions of professionals in a contemporary business environment. You will be exposed to cutting-edge research and practitioner insights in both law and business management, drawing on visiting scholars as well as the expertise from the two Faculties. Graduates will be well qualified for a wide range of career destinations.

You will study the following modules:

- Advanced Legal Research Methods
- Dissertation

Optional modules will also include:

- Global Financial Law and Regulation
- International Corporate Finance Law
- International Trade and Finance Law
- International Corporate Governance
- International Corporate Insolvency
- Management Theory and Leadership
- Strategic Management
- Management Competencies
- Strategic HR and Leadership

TEACHING AND ASSESSMENT

Your study hours depend entirely on the option modules you decide to study. Typically, for the first semester, your study pattern will include two study days: Mondays and Wednesdays.

The first semester introduces you to the institutions that shape the regulations and laws governing business, the justification for regulatory and legal intervention, as well as the content and operation of specific lines of regulation and law. In semester one, you will choose three law electives from a tailored menu of options. These modules act as the fulcrum for the programme as a whole. In the second semester, you will select two electives from Liverpool Business School's portfolio of option modules. Against the legal background developed in the first semester, you will explore a variety of fascinating questions affecting businesses with a strong emphasis on practice and applications to business management problems.

GRADUATE EMPLOYMENT

The programme is designed to advance your careers, whether in direct legal practice or a wider international commercial environment. We anticipate that our graduates will go on to develop successful careers in roles such as: Chief Legal Officer; Management Consultant; Managing Director; Department Manager; Business Unit Manager; Solicitor; Barrister and Academic.

Throughout the metamorphosis from student to postgraduate, there is a wide range of different types of support available to you. You will be equipped with the necessary tool kit to apply what you learn at the intersection of law and business to your future careers.

LEGAL PRACTICE COURSE

LPC LLM

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree or 50% actual / predicted in the Common Professional Examination / Graduate Diploma in Law.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: 2020 fee to be confirmed

Programme Leader:
Fiona Farger
F.L.Farger@ljmu.ac.uk

The Legal Practice course produces highly skilled, commercially aware and effective trainee solicitors, who are prepared for the rigours and demands of a training contract.

WHY STUDY THIS COURSE AT LJMU?

The School of Law is dedicated to educating highly effective trainee solicitors. This LPC is a pre-requisite to qualification as a solicitor and allows you to pursue a training contract with the legal profession.

Our programme is validated by the Solicitors Regulation Authority (SRA). It welcomes a diverse group of students, providing the opportunity to become a highly informed trainee solicitor, ready to cope with the demands and intricacies of the legal sector. The varied ages, backgrounds, life and work experiences of our students add a richness and interest to our LPC and give it a particular flavour of its own.

Many of our full-time students come straight from an LLB or GDL and do not necessarily have any practical experience beyond work placements. Others are Legal Executives or Magistrate Court Clerks with years of experience who are not required to undertake a training contract at all.

The course is informed by internationally-acclaimed research and extensive links with the legal profession. Considerable emphasis is placed on practice and you will acquire a range of essential lawyer's skills by carrying out realistic transaction based tasks. The support and the wide variety of training opportunities we offer are distinct to our institution and are the most common aspects of the postgraduate student experience to be celebrated by our alumni. We have a long established employer network which offers extensive networking and work-placement opportunities, including the Solicitor Mentor Scheme.

You will study the following modules:

- Litigation (Criminal and Civil)
- Property Law and Practice
- Business Law and Practice Incorporating Tax
- Combined Legal Skills and Probate
- Professional Conduct and Regulation incorporating Solicitors' Accounts

Optional modules are also available covering topics such as:

- Advanced Criminal Litigation Law and Practice
- Advanced Personal Injury Law and Practice
- Commercial Property Law and Practice
- Employment Law and Practice
- Family Law and Practice
- General Commercial Law and Practice
- Housing Law and Practice
- Private Client Law and Practice
- Dissertation

TEACHING AND ASSESSMENT

Much of the course is taught through small group skills-based teaching (maximum group size 20), supplemented with large group sessions, directed reading and self-study exercises and preparation. You will be assessed through a combination of unseen written exams, assessed coursework and live skills assessments.

GRADUATE EMPLOYMENT

As a student on this programme, you will have access to a dedicated careers adviser throughout your studies and you will be encouraged to participate in extra-curricular activities, such as mooting and negotiation competitions, which can enhance future employability.

This course provides a route into masters study for qualified lawyers and other members of the legal profession. It also opens up a number of exciting opportunities to work as a Solicitor, a Business Owner and in other sector-related roles.

MASTER OF LAWS LLM

Study full-time over one year.

Entry Requirements: Minimum second class honours degree in law, criminal justice, politics, banking, finance, accounting or similar, or a professional qualification equivalent to an honours degree. Non-standard applications are welcome.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Sarah Stirk
s.k.stirk@ljmu.ac.uk

LJMU's Master of Laws LLM provides a broad liberal arts education in the law for students wishing to undertake a wide range of legal study options.

WHY STUDY THIS COURSE AT LJMU?

The LLM is a stand-alone qualification for those who wish to enhance their career prospects through acquiring relevant knowledge and skills in a broad range of modules. You will be taught by academics highly involved in research within their specific subject area; a blend of career young research active lecturers, qualified and former practitioners of law and internationally established experts in their field.

Members of staff at the School of Law carry out research in Law (UK, International) Global Crime and Security and Criminal Justice. The LLM is ideal for those who do not wish to specialise in law and criminal justice but seek exposure to a wide range of subjects in law, global crime and security and criminal justice. The aim of this programme is to create a positive learning environment for students in which to practice advanced scholarship and research and gain academic and intellectual progression together with the acquisition of specific knowledge and skills.

You will study the following modules:

- Advanced Legal Research Methods
- Dissertation

Optional modules cover topics such as:

- Drugs, Alcohol and Criminal Justice
- Crime, Power and Victimisation
- Delivering Rehabilitation
- Youth Justice
- The Police, Policing and the Governance of Security
- International Criminal Law
- Conflict and Warfare in International Law
- Statehood, Peoples and Statelessness
- Democracy, Rule of Law and Human Rights
- The United Nations, International Security and Global Justice
- Global Crime and Security
- EU Foreign Security and Justice Policy
- Gendered Perspectives on International Law
- International Trade & Finance Law
- International Commercial Contracting
- Global Finance Law & Regulation
- International Corporate Governance
- International Financial Crime
- International Intellectual Property Law
- International Dispute Resolution
- International Labour Law
- International Maritime Law

TEACHING AND ASSESSMENT

Our expert academics have designed your assessed work to ensure that you fulfil your potential at this important stage of your development as a postgraduate. Technology plays a crucial role in learning through this programme and modules use online feedback and face-to-face assessments.

The programme's blended learning techniques include: interactive, self-directed and independent learning, lecturer-produced course documents, collaboration and cohort learning through online forums or group working. Teaching is usually delivered via seminars and workshops in the Redmonds Building, and you will need to undertake some preliminary reading to prepare for and take part in group discussions. You will be able to access all University resources including extensive print and online library materials.

GRADUATE EMPLOYMENT

The LLM in is designed for people who wish to develop their careers outside of the traditional boundaries of specialist law. The programme will give you the opportunity to critically analyse key themes in law, criminal justice and global crime and will challenge your thinking and stimulate your academic aspirations in these fields.

QUALIFYING LAW LLM

Study full-time over one year

Entry Requirements: Minimum second class honours degree. Non-standard applications are welcome, but along with International students, must have a certificate of academic standing from the Solicitors Regulation Authority (SRA) or Bar Standards Board (BSB).

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Anita Ellis
A.Ellis@ljmu.ac.uk

Transform and advance your career with this masters degree conversion course in law (previously offered as a GDL). The programme is validated by the Solicitors Regulation Authority (SRA) and the Bar Standards Board (BSB) and delivered by experts in LJMU's School of Law.

WHY STUDY THIS COURSE AT LJMU?

The LLM integrates the recognised CPE/GDL award along with a research dissertation to provide a comprehensive programme enabling students to pursue careers not only in the legal profession but also in academia. This exciting degree is validated by the Solicitors Regulation Authority (SRA) and the Bar Standards Board (BSB). It enables non-law graduates to gain an exempting legal qualification at masters level. Completion of this degree will enable you to progress onto the Legal Practice Course (LPC) or the Bar Professional Training Course (BPTC).

The vocational preparation offered by the degree is ideal for candidates with no legal experience and those with theoretical or arts-based undergraduate degrees looking to make the switch to, and gain the benefits of, this potentially high-earning and rewarding career pathway. The programme also provides excellent preparation for opportunities in public services and management and in academia for those students wishing to proceed further in their studies.

The School of Law's friendly and supportive environment is the perfect place to develop your skills and knowledge. School staff include research active lecturers, qualified and former practitioners of law and criminal justice services and internationally established experts in a wide range of fields. They have strong links with the legal profession via consultancies and placements and maintain an international scholarly profile with the presentation of academic papers, attendance at conferences, contribution to and the writing of legal textbooks, journal articles and reviews for academic publications.

At a very early stage in this course, you will be actively encouraged to form study groups and support networks to help with your learning. Teamwork is an important part of the degree's ethos and you will be encouraged to work collegiately with fellow students and teaching staff. The programme's teaching team operates an 'open door' policy and you will be supported by pastoral and careers tutors and assigned a personal tutor to support you along the way.

You will study the following modules:

- English Legal System and Legal Research
- Dissertation
- Public Law
- EU law
- Criminal Law
- Contract Law
- Law of Tort
- Land Law
- Equity and Trusts
- Legal Research Methodologies

TEACHING AND ASSESSMENT

You will be taught via student-centred transactional workshops supplemented by large group sessions and extensive learning materials. The foundational subjects are formally assessed by means of examination and you will have ongoing informal assessments throughout the degree in preparation for these assessments. There will also be a final research dissertation.

GRADUATE EMPLOYMENT

To enhance your employability, during your studies you will be encouraged to take part in extracurricular activities including working in the Legal Advice Centre, a free service aimed at providing local residents with pro bono legal advice in a number of areas of the law. Successful completion of the LLM provides exemptions, which will allow you to progress to the Legal Practice Course (LPC) if you wish to become a solicitor, or the Bar Professional Training Course (BPTC) for those wishing to become a barrister.

While the focus of the programme is on preparation for a professional legal career, the study of law provides access to an extremely broad range of careers, such as public services, management and beyond, as well as access to academic study at MPhil or PhD-level.

RESEARCH OPPORTUNITIES

Undertake a body of research in a well-respected and supportive research environment.

Opportunities include:

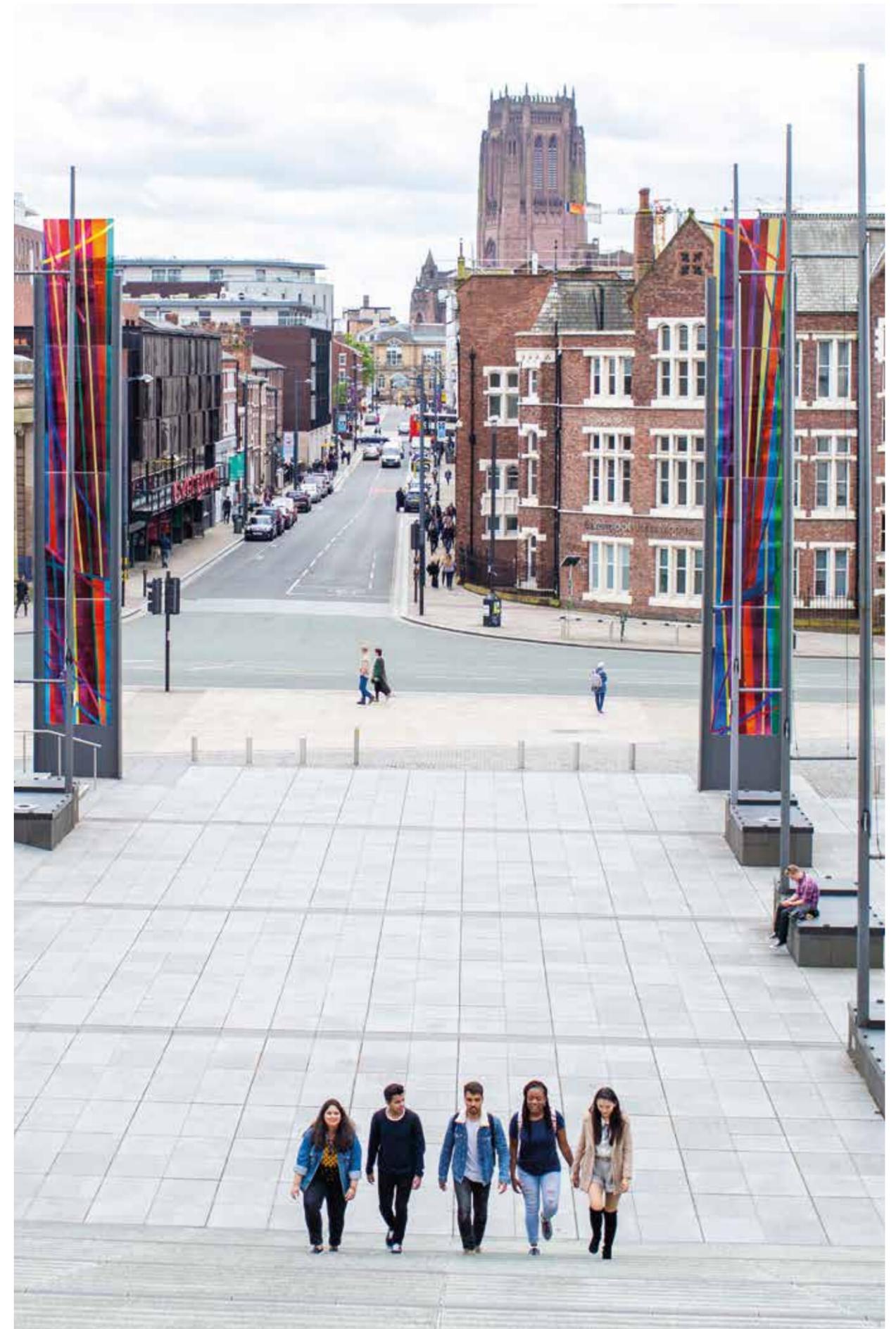
- The MPhil - studied full-time over 12 months.
- The PhD - studied full-time over 24 months.

We offer research opportunities in Law in topics such as: criminal law, legal history, corporate governance, banking and finance, global finance law, obligations, media law, comparative private/public law, EU law, international law, commercial law, sports law, German public law, Italian public law, medical ethics, bioethics, legal theory, human rights, terrorism, police powers, transnational crime, family law, law and religion.

In Criminal Justice, our areas of expertise include the organisation and delivery of criminal justice institutions and the broader social context of the social and cultural impact of criminal justice.

Current doctoral students are carrying out research on terrorism, the troubles in Northern Ireland, banking security, drugs policy and European Law. All of our doctoral students are supported by an academic and research team dedicated to research excellence. Our academics are committed to providing the pastoral care and guidance that students need to complete advanced research.

For more information, please visit ljmu.ac.uk/research



- Public Health Institute
- School of Nursing and Allied Health
- School of Sport Studies, Leisure and Nutrition
- School of Psychology

Public Health Institute

INTERNATIONAL PUBLIC HEALTH

MSc

Study full-time over one year

Entry Requirements: A good honours degree in a health or social science-related discipline

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Rose Khatri
R.J.Khatri@ljmu.ac.uk

Study for a masters-level qualification at the world-renowned Public Health Institute. This International Public Health programme offers a broad-based understanding of health and its social and environmental determinants.

WHY STUDY THIS COURSE AT LJMU?

An improvement in population health is increasingly recognised internationally as a key element of economic and social development and nowhere is this more evident than in low and middle-income countries. The focus of this programme is to develop the public health approach relevant to these countries, often referred to as low resource settings. Many of our students come from countries with the so-called double burden of disease; whilst still fighting infectious diseases they are also now increasingly faced with a growth in non-communicable diseases like diabetes, high blood pressure and strokes.

This course provides a broad-based understanding of health and its social and environmental determinants with a curriculum informed by key international strategies, the Sustainable Development Goals and Social Determinants of Health. As well as exploring public health issues in low and middle-income countries, you will also gain a valuable insight into public health issues in the UK and the rest of Europe.

The Public Health Institute provides an excellent applied setting in which to improve your public health knowledge and research-based skills. The course will enhance your capacity to improve the health of the populations you serve and reduce health inequality. It will also develop your critical, analytical, research, collaborative working and evaluation skills - all key requirements in the dynamic public health sector. This is not a clinical course; it is a course which aims to enhance your capacity to identify and measure the risk factors linked to these diseases and explore alternative strategic responses to them.

You will study the following modules:

- Public Health Policy and Practice
- Epidemiology and basic statistics
- International Health
- Global Health
- Research Methods
- Dissertation
- Intercultural Learning

Optional modules are also available covering topics such as:

- Health Improvement
- Independent Study
- Systematic review
- Health Protection
- Violence
- Work Related Learning

TEACHING AND ASSESSMENT

As you will probably only spend one or two days in University each week, your days on site will be filled with lectures, tutorials and other learning activities. You are encouraged to make the most of these days as the basis for your independent study, which will involve the use of library resources and the University's virtual learning environment.

Assessments for the programme are based on: critical reviews, essays, reports, presentations, research proposals, research protocols, reflection, exams and the dissertation.

GRADUATE EMPLOYMENT

As a graduate of this course, you will probably go on to take up a role improving the health and wellbeing of individuals, communities and populations. You may, however, choose to advance your research career or undertake further study to PhD level. The majority of our international students return to their home country to work in government or NGO health sectors.

PUBLIC HEALTH MSc

Study full-time over one year

Entry Requirements: A good honours degree in any discipline, or relevant professional qualifications and experience

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Rose Khatri
R.J.Khatri@ljmu.ac.uk

Offered by the internationally respected Public Health Institute, this well-established masters is delivered in a research-informed learning environment that reflects the latest sector developments.

WHY STUDY THIS COURSE AT LJMU?

Providing cutting-edge insights into public health for over a decade, this well-respected masters is led by research-active staff and informed by the latest practice. The programme attracts students from a variety of backgrounds and prides itself on its inclusive approach, bringing together different disciplines and enabling you to learn from your peers as well as course tutors. As a student, you will develop knowledge and skills aligned to the Public Health Training Curriculum and The Public Health Skills and Career Framework (2012).

The course provides a shared learning environment where those already working in the public health sector can bring prior knowledge and experience and share these with their peers, some who will be sharing similar work experiences and others who will be at the beginning of their public health career. What makes our programme different is that you will be learning and developing your research skills in a world-class research Institute, on a programme developed and supported by senior research staff and with the opportunity to learn and work on real world research projects. You will enjoy a flexible approach to study and can look forward to career opportunities in local authorities, the health sector, voluntary sector, private sector or research. Support and guidance is also available for placement learning.

You will study the following modules:

- Public Health: Policy and Practice
- Epidemiology and basic statistics
- Research Methods
- Dissertation
- Health Improvement
- Health Protection

Optional modules are also available covering topics such as:

- Global Health
- Intercultural Learning
- Understanding Addictions
- Addictions: Policy and Interventions
- Independent Study
- Systematic review
- Violence
- Work Related Learning

TEACHING AND ASSESSMENT

As you will probably only spend one or two days in University each week, your days on site will be filled with lectures, tutorials and other learning activities. You are encouraged to make the most of these days as the basis for your independent study, which will involve the use of library resources and the University's virtual learning environment. You will be assessed via: critical reviews, essays, presentations, research protocols, reports, a data analysis exam and the dissertation.

GRADUATE EMPLOYMENT

With students coming from such varied backgrounds, career opportunities for course graduates are widespread. You may go on to work in local authorities or for the NHS. You could work in the voluntary or private sectors, go on to undertake further research, or study at PhD level. What unites all of our students is their dedication to improving the health and wellbeing of individuals, communities and populations and their career choices usually reflect this passion.

PUBLIC HEALTH ADDICTIONS

MSc

Study full-time over one year

Entry Requirements: A good honours degree in any health or social science-related discipline, or relevant professional qualifications and experience.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Rose Khatri
R.J.Khatri@ljmu.ac.uk

Developed by LJMU's world-renowned Public Health Institute and offered since 2014, this programme aims to improve understanding of the impact of addictions on public health.

WHY STUDY THIS COURSE AT LJMU?

Unique in the North West and one of only a handful of courses in the UK, this ground-breaking programme explores the evidence base of addiction harms and risks and the policies used to reduce them. The course turns its back on the treatment of addiction as a behaviour and looks at its wider social and political aspects. Students come from a wide variety of backgrounds including nursing, psychology and criminology. Many have worked in drug or alcohol support capacities.

The Public Health Institute's extensive portfolio of primary research, evaluation, evidence review and intelligence systems covers the areas of drugs, alcohol and tobacco. Course content on this masters is, therefore, informed by this key research and, during your studies, you will receive support and guidance regarding appropriate placement learning opportunities. The programme enables you to work with leading academics, providing specialist knowledge and insights into a wide range of addiction issues.

On joining the course, you will be appointed a personal tutor who will provide academic and pastoral support. You will also have at least one supervisor for the duration of your dissertation module.

You will study the following modules:

- Understanding Addictions
- Addictions: Policy and Interventions
- Epidemiology and basic statistics
- Public Health: Policy and Practice
- Research Methods
- Dissertation

Optional modules are also available covering topics such as:

- Global Health
- Violence
- Health Improvement
- Health Protection
- Work Related Learning
- Independent Study
- Systematic Review

TEACHING AND ASSESSMENT

As you will probably only spend one or two days in University each week, your days on site will be filled with lectures, tutorials and other learning activities. You are encouraged to make the most of these days as the basis for your independent study, which will involve the use of library resources and the University's virtual learning environment. You will be assessed via: critical reviews, essays, presentations, research protocols, reports, data analysis examination and the dissertation.

GRADUATE EMPLOYMENT

As a graduate of this course you will probably go on to work in areas improving the health and wellbeing of individuals, communities and populations, taking up a role in the voluntary or private sectors. Many Public Health graduates go on to work in the NHS or for local authorities. You may, however, choose to advance your research career or undertake further study to PhD level.

RESEARCH OPPORTUNITIES

The Institute provides an excellent environment in which to develop and supervise MPhil and PhD students. It has a thriving postgraduate research programme and students are valued as an integral part of the research culture.

Expert based supervision is available in:

- Drugs
- Alcohol
- Violence
- Communities & Social Engagement
- Young People
- Sexual Health & Blood Borne Viruses
- Homelessness

■ Tobacco & Nicotine
 ■ Migrant & Refugee Health
 Studies currently being undertaken by our 30+ PhD students include:

- Development of interventions to reduce harms associated with anabolic steroid use in the general population
- Experiences of persons with disabilities during Nepal earthquake 2015: A qualitative study
- Study of the growth of 'hedonistic intoxication' and pursuit of deliberate drunkenness as characteristics of university students' drinking styles
- Cross-cultural exploration of the ways people in the UK and USA use geo-spatial networking dating apps to find same-sex partners
- Exploring the role professional You Tubers play in young people's health behaviour and identity in the UK
- Investigating sexualised drug use among LGBT people
- Investigation into the effect of second-hand smoke on children's fitness
- Alcohol use by nightlife patrons in the UK and Brazil: a comparative study
- Exploring the social dimensions and public health consequences of sex tourism in the context of PrEP in England
- The motivations, sexual behaviours and public health implications of sex tourists travelling to Thailand: a contemporary grounded theory framework

For more information, please visit ljmu.ac.uk/phi

School of Nursing and Allied Health

HEALTH AND WELLBEING

MRes

Entry Requirements:
 Honours degree at 2:1 or above
 Equivalent professional qualifications and experience

IELTS: 7.0 (minimum 7.0 in each component)

Fees: £16,100

Programme Leader:
 Robyn Lotto
 R.R.Lotto@ljmu.ac.uk

WHY STUDY THIS DEGREE

The MRes in Health and Wellbeing is an excellent introduction to research methods and provides a firm foundation if you wish to pursue doctoral study.

This degree will provide you with the knowledge and skills required to put you on the right path to become an independent researcher and allow you to experience a range of modules that will prepare you to develop research questions and answer them using the most appropriate methods.

You will study on the following modules:

- Foundations of Research
- Research Ethics and Governance
- Critical Appraisal and Evidence Synthesis
- Fundamentals of Qualitative Research
- Fundamentals of Quantitative Research
- Dissertation

TEACHING AND LEARNING

Your research project will be undertaken in a relevant setting, depending on your interests. This may include the NHS, social care, schools, or sports facilities.

GRADUATE EMPLOYMENT

Our applied learning techniques and strong industry connections ensure our students are fully prepared for the workplace on graduation and understand how to apply their knowledge in a real world context. In an increasingly competitive world, gaining a postgraduate qualification like an MRes will make your CV stand out when applying for jobs or further study at doctoral level.

MENTAL HEALTH MA

Entry Requirements:
 Minimum 2:2 Honours degree in a related subject
 Two references, academic transcripts or equivalent

IELTS: 7.0 (minimum of 7.0 in each component)

Fees: £15,600

Programme Leader:
 Paula Kennedy
 P.Kennedy@ljmu.ac.uk

WHY STUDY THIS DEGREE

The programme ethos is to create an environment where you will be exposed to a diverse and inclusive learning experience, enabling you to work collaboratively in developing research projects with the potential to support change in and around the mental health milieu.

You don't need to work in the health sector to undertake the MA Mental Health postgraduate degree at LJMU – we welcome graduates and professionals from a range of different sectors.

The systemic agenda in the public and private sectors focus on crossing boundaries and enabling whole systems change. There are very few programmes nationally where the focus is on integration of learners from multiple sectors of practice and society in considering the sociocultural aspects of mental health illness. This Masters programme aims to facilitate a wide-ranging approach to change in mental health.

There are very few programmes in the UK where the focus is on integration of learners from multiple sectors of practice and society in considering the sociocultural aspects of mental health illness. This masters programme aims to facilitate a wide-ranging approach to change in mental health and is regionally unique.

You'll benefit from high quality teaching in a modern and developing faculty. The combination of core, optional and research modules creates an environment in which you are supported to develop your thinking and knowledge of mental health through education and research. The programme team have a depth and breadth of subject specific academic knowledge designed to ensure you are supported in developing both personally and professionally.

You will study on the following modules:

Four compulsory core modules, totalling 130 credits:

- Foundations of Research
- Dissertation
- The Self in Mental Health
- The Creation of Mental Illness

You also have the choice between one of two further modules (Required Optional Modules):

- Research Ethics and Governance (10 credits); or
- Systematic Review (10 credits)

The remaining 40 credits are made up of your choice of optional modules, which can be tailored to your personal interest.

Option modules typically include:

- Individuals and Families
- Engaging in Children and Young People's
- Complex Mental Health
- Understanding Addictions
- Addictions: Policy and Interventions
- Violence

TEACHING AND LEARNING

The MA Mental Health programme aims to offer high quality teaching in a modern and developing faculty. The combination of core, optional and research modules creates an environment in which you are supported to develop your thinking and knowledge of mental health through education and research. Teaching will be supported by a wider sector of the mental health practice community e.g. NHS, Social care, voluntary and independent sector, education and the business sectors.

GRADUATE EMPLOYMENT

Postgraduate study is used by some to move up the career ladder, for others to change direction and for many simply to enhance their knowledge. As an academic venture, the Masters route offers the added value that research, learning and academic study can have on your personal and professional development.

NURSING MA

Study full-time over one year

Entry Requirements:
 Registered Nurse status
 Minimum 2:1 honours degree in a related subject
 Evidence of Level 6 or Level 7 study
 Personal statement, including two references

IELTS: 7.0 (minimum in 7.0 in each component)

Fees: £15,600

Programme Leader:
 Nicola Morrell-Scott
 N.E.Morrell@ljmu.ac.uk

WHY STUDY THIS DEGREE

You will study on three compulsory modules as details below:

- Foundations of Research
- Dissertation
- Advancing Leadership for Quality
- Research Ethics and Governance or Systematic Review

Option modules typically include:

- Mentorship in Health Care Practice
- Understanding Addictions
- Professional Practice in Palliative Care (30 credits)
- Ethical and Legal Issues within Advanced Practice

Students then have the option to tailor the rest of their modules to suit their interests. See online for further module details.

As an international student, you would not be eligible to select modules which have assessments based in practice and instead will complete theoretical modules.

TEACHING AND LEARNING

MA Nursing offers a blended learning approach with staff always looking for new and engaging ways to develop your knowledge and skills in your chosen pathway.

You will learn via key note lectures, case scenarios, workshops, discussions and clinical development days.

GRADUATE EMPLOYMENT

As a degree profession, nursing sees the added value that research, learning and academic study can have on the patient journey, quality of care, and of course your personal and professional development.

Key to this is lifelong learning, which is supported by the Nursing and Midwifery Council through revalidation. Our suite of MA Nursing degrees offers progressive, practice-focused learning and development within a constantly evolving clinical world.

On graduation, you may choose to use your enhanced skill set to move up the career ladder, or to pursue a new direction or specialism. For many nurses, being able to implement their learning in practice is the key driver and reward.

SOCIAL WORK MA

Study full time over two years

Entry Requirements:
 Minimum 2:1 undergraduate honours degree (applicants with a 2:2 will be considered on a case by case basis)
 Relevant paid or voluntary work experience and the ability to relate this to the skills and values of social work and understanding of social work roles. Related personal experience will also be considered alongside relevant practice-based experience.

Health Check
 Disclosure and Barring Service Check (a criminal conviction will not automatically debar you from the course. Please contact us to discuss further).

IELTS: 7.0 (minimum 7.0 in each component)

Fees: £15,600

Programme Leader:
 Daz Greenop
 D.T.Greenop@ljmu.ac.uk

WHY STUDY THIS DEGREE

This programme will give you the skills, confidence and ability to work with people in a caring and professional manner, assess situations for change, write concise and coherent reports and make convincing spoken and written presentations of ideas. You will summarise and present data, work individually and as part of a team and produce solutions to problems.

Social Work education at Liverpool John Moores University is provided in collaboration with the Cheshire and Merseyside Social Work Teaching Partnership. Our teaching partnership comprises four Higher Education Institutions, eight Local Authorities, three NHS Trusts and a Voluntary Sector Organisation covering the Liverpool City Region, Warrington Cheshire West and Chester, and West Lancashire.

The Partnership provides well-designed, challenging and sustainable social work education at initial and post-qualifying levels. As Practice education is provided in collaboration with the partnership most placements will be drawn from the Partnership's geographical footprint.

The course is designed to train and support knowledgeable and skilled practitioners, who are aware of the importance of service users, and to giving them a genuine voice and choice in the services available to them. Underpinning all aspects of the training is a commitment to ethical and anti-oppressive values.

You will study the following modules:

- Contemporary Social Work Practice
- Social Work Knowledge and Skills
- Law and Social Policy for Practice
- Poverty, Inequality and Social Justice
- Introduction to Research Methods
- Social Work Specialist Practice
- Dissertation

TEACHING AND LEARNING

In year one, you will have up to four days on site study per week and one day for independent or virtual learning. You will also go on a 70 day full-time placement. Independent learning hours vary from module to module.

In year two, on site study will normally be reduced to three days per week, with two days for independent or virtual learning. You will also undertake a 100 day full-time placement, with additional time to complete your dissertation.

Please note: students are required to fund travel to and from both mandatory placements.

GRADUATE EMPLOYMENT

Social work is an exciting, intellectually stimulating and emotionally challenging career, enabling you to make a positive difference in the community.

This course enables individuals from a wide variety of backgrounds to work as fully qualified social workers, in a range of settings, catering for all service users.

LJMU has an excellent employability record with 96% (HESA 2017) of our postgraduates in work or further study six months after graduation.

RESEARCH OPPORTUNITIES

The School of Nursing and Allied Health welcomes applications from health and social care professionals wishing to study for an MPhil/PhD in Nursing, Allied Health or Social Work.

You will join a thriving and supportive research environment where students are a valued and are an integral part of our research community. Whilst we can provide supervision in many areas we have particular expertise in: cardiovascular care; emergency care; dementia; disability and society; healthy aging; life limiting illness and end of life care; safeguarding and enabling children and adults at risk of harm; financial wellbeing; maternal, newborn, child and adolescent health; mental health.

All PhD students receive academic support from active researchers who provide supervision based on their clinical background and real world research.

For more information, please visit ljmu.ac.uk/research

School of Sport Studies, Leisure and Nutrition

DANCE PRACTICES MA

Distance Learning. Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree. Non-standard applications are welcome.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Dr Pauline Brooks
P.A.Brooks@ljmu.ac.uk

Whether you are an emerging artist or an established performer, this fabulous Masters programme enables you to enhance your practice and improve your employability.

WHY STUDY THIS COURSE AT LJMU?

The dance economy in the UK employs around 200,000 people as dancers, teachers and choreographers. In addition to this, many work as community dance practitioners, promoters, producers, publicists, technicians and alternative practitioners, therapists, writers and academics. Liverpool John Moores University, one of the leading dance institutions in the UK, has designed this highly flexible programme to meet the demands of today's dance industry, enabling students to engage in critical debate and dialogue. The course is aimed at established professionals and emerging artists/facilitators working in the cultural or creative industries.

Staff have been working collaboratively with Universities in the in the UK, USA and Greece to inform artistic research in the area of telematics performance. World-class innovative research by the dance department in collaboration with computer scientists at LJMU and the Massachusetts Institute of Technology and the Ensemble Technology Enhanced Learning project has enabled the creation of a prototype tool to support reflective learning and teaching.

Linking theory, work-based practice and artistic/ educational policies, the Dance Practices programme brings together professional practice and academic studies. You will carry out research appropriate to your area of expertise or explore another aspect of dance practice that interests you. By shaping your identity through your choice of options, the programme will help you to develop your practice-led critical expertise in national/international, creative and/or pedagogical practice.

The programme is delivered via on-campus, low-residency blocks of intensive study which enables you to combine your professional career with your postgraduate studies. There are opportunities to be involved in staff where practice-led/practice-based dance research projects, and to interact with undergraduate and PhD Dance students. Staff have a great reputation for pastoral care and support. During your studies, you will develop advanced insight and independent research skills, enabling you to advance your professional or academic career in dance.

Staff work with students in an active partnership where practice-led/practice-based research informs teaching and staff further enrich student learning within and beyond the curriculum. Research is published and shared at local, regional and international performances and via conferences.

You will study the following modules:

- Research Methods
- Dance Professional Practice 1
- Independent Negotiated Project
- Dance Professional Practice 2
- Final Project

TEACHING AND ASSESSMENT

The programme is delivered weekly via on-campus workshops, lectures and seminars, supported by face-to-face tutorials. You will also be expected to spend a proportion of your time in independent study. This combination means that the course will appeal to artists, especially those working internationally, as it enables you to fit your study around your practice and apply your learning immediately.

The programme is wholly assessed via coursework comprising: written and/ or practical projects, presentations and portfolios of supporting work. You can focus your research and practice in areas such as: performance, choreography, pedagogy, dance science, somatic practice, community, disability arts and improvisation.

GRADUATE EMPLOYMENT

Placements and work-related learning in the School give you an invaluable opportunity to lead a series of learning initiatives to practice the skills and knowledge you have acquired on the course, whilst also gaining new skills. These experiences will add value to your CV and boost your employability in a competitive job market. The course makes full use of your skills as a practitioner to find ways to align current working practices with future aspirations.

PUBLIC HEALTH NUTRITION

MSc

Study full-time over one year

Entry Requirements: 2:2 honours degree in a relevant subject, or a professional qualification with appropriate work experience.

IELTS: 6.5 overall (minimum 6.0 in each component) or equivalent.

Fees: £15,600

Programme Leader:
Dr Katie Lane
K.Lane@ljmu.ac.uk

This masters helps you to develop essential knowledge in nutrition and public health plus the skills and networks you need to take up a career in this growing industry. It is accredited by the Association for Nutrition.

WHY STUDY THIS COURSE AT LJMU?

This newly-launched, expert-led programme explores the impact of nutrition on population groups and develops the knowledge and skills required by professional practitioners. The course investigates the nutritional requirements of population groups, teaches you to convert nutrient requirements into dietary advice and demonstrates the competent use of dietary recommendations. You will learn to conduct nutritional surveillance, critically evaluate current research in nutrition and public health and critically appraise rationales concerning healthy diet and achieving dietary change. In essence, the programme will provide the theoretical knowledge and practical skills required to perform as an effective employee in the multi-faceted field of human nutrition.

The staff teaching on this programme have a broad range of teaching, industry and research experience and are registered Nutritionists and Dieticians. The academic team work closely with a wide range of public, private and voluntary organisations nationally and internationally. Joining a research active team, you will be able to take part in ongoing projects and experience interactive practical sessions and workshops alongside theoretical learning.

Known for its high standards of student support, the Nutrition department at LJMU has an open door policy, ensuring you get the help you need when you need it. You will be appointed a personal tutor and an academic supervisor to oversee your dissertation. Teaching will be divided between the IM Marsh campus in Aigburth and the Tithebarn Street building in the city centre.

You will study the following modules:

- Dissertation
- Research Methods
- Epidemiology and Basic Statistics
- Public Health: Policy and Practice
- Professional Practice in Nutrition
- Food Chain, Sustainability and Health
- Population Nutrition
- Nutritional Science

TEACHING AND ASSESSMENT

The MSc in Public Health Nutrition has a blended learning approach. As well as formal lectures, you will attend seminars and tutorials, have the opportunity to carry out project work and use LJMU's virtual learning environment. You will be assessed via: critical reviews, essays, presentations, research protocols, reports, a data analysis exam and the dissertation.

GRADUATE EMPLOYMENT

As LJMU's programme is accredited by the Association for Nutrition, graduates have the right to apply for direct entry at Registered Associate Nutritionist level to the UKVRN. This entitles you to use the letters ANutr after your name, without having to go through the lengthy process of additional assessment that is required from graduates from degree programmes that are not accredited.

Nutritionists work in different roles including public health, health improvement, health policy and in education and research. The majority of course graduates will go on to work as Public.

Health Nutritionists, influencing the food choice and eating behaviour of a population. Public Health Nutritionists are employed by NHS Trusts (Public Health England, Clinical Commissioning Groups, Health & Wellbeing Boards and NHS England), health promotion organisations, government departments, NGOs, charities and the food industry. Some Public Health Nutrition graduates also go into teaching, progress to PhD study or take up a position in academic research.

ACCREDITATION



School of Psychology

HEALTH PSYCHOLOGY

MSc

Study full-time over one year

Entry Requirements: Minimum 2:1 in psychology plus eligibility for Graduate Basis for Chartership (GBC). Applications from those who show they have some experience of working in health are welcomed. International students must satisfy The British Psychological Society conditions for GBC

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Dr Lisa Newson
L.M.Newson@ljmu.ac.uk

This MSc in Health Psychology meets the Stage One training requirement for BPS accreditation.

The course has a strong emphasis on psychological investigation and exploring ethical issues.

WHY STUDY THIS COURSE AT LJMU?

Fully accredited by the British Psychological Society for Stage One Training in Health Psychology, this MSc is ideal if you have an interest in how psychology affects health and illness behaviour, and how it can be used to enhance wellbeing and encourage healthier lifestyles. To meet the basis for Chartered Membership from the British Psychological Society, you must fulfil a number of requirements:

- Stage One training involving the successful completion of a BPS accredited Masters programme in Health Psychology (provided by this programme)
- Stage Two training involving a minimum of two years spent acquiring a range of supervised competences

You will benefit from this course if you are intending to, or currently work with clients with long-term conditions, as the programme examines issues of coping and adjustment as well as relationships with caregivers. The curriculum draws on a multidisciplinary approach to health and covers the entire lifespan, making it suitable for those working with children and/or adults. As a student on this programme, you will have access to state-of-the-art facilities in the Tom Reilly building. You can expect a high level of academic and pastoral support set within a friendly and informal atmosphere.

Our academic team includes Health Psychologists registered with the BPS and HCPC and RAPPS Approved Supervisors for trainees continuing onto the BPS Stage Two Qualification in Health Psychology or the LJMU Professional Doctorate in Health Psychology.

You will study the following modules:

- Empirical Project
- Long-Term Conditions
- Research Skills and Methodology for Health Psychology
- Analysis for Health Psychology
- Fundamental Issues in Health Psychology
- Health Psychology: Context and Applications
- Stress, Health and Coping
- Psychosocial Factors and Health

TEACHING AND ASSESSMENT

The course provides a range of learning approaches. Assessment methods include: essays, conventional written exams (seen and unseen), critiques, case studies, workbooks, reports, reflective portfolios, presentations, the research proposal and dissertation. Workshop activities provide opportunities for formative feedback from peers and tutors. Tutor support during the preparation of coursework also provides formative feedback.

GRADUATE EMPLOYMENT

Health psychology graduates work in a variety of areas. Many go on to Stage Two training and subsequently achieve Chartered Psychologist status, becoming HCPC Registered Health Psychologists. Some work in research settings and go on to doctoral research (PhD), a growing number work in health education, health promotion, health administration and health audit and others are involved in the organisational aspects of delivering health care work within the health service. Past graduates have secured roles including: PhD Researcher, Health Trainer, Health and Migration Consultant, Assistant Psychologist and Smoking Cessation Advisor at organisations including Ps4SE, The NHS, The Adelphi Group and mental health care groups.

ACCREDITATION



POSITIVE PSYCHOLOGY AND WELLBEING MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 in psychology, or 2:1 in social sciences, counselling, educational studies, business studies, social enterprise studies, or similar, including an upper second class mark (2:1) in your undergraduate dissertation. Non-standard applications are also welcome.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:

Peter Malinowski
P.Malinowski@ljmu.ac.uk

Learn how to promote and preserve human virtues, strengths and skills that are at the heart of 'happiness, wellbeing and a meaningful and socially engaged life'.

WHY STUDY THIS COURSE AT LJMU?

Positive psychology is a rapidly evolving field that enriches psychological work in a broad range of applied areas. Put yourselves at the forefront of these exciting developments by studying this programme, which is one of only a few available in the world. You will learn about happiness, wellbeing, flourishing and the different human traits, strengths and skills that contribute to a meaningful and fulfilled life. Topics taught will include positive neuroscience, happiness,

character strengths, meditation, mindfulness and wellbeing across the lifespan, as well as the main theories of positive human development.

You will be taught by internationally leading, research-active academics in the fields of positive psychology, wellbeing, meditation, mindfulness and related fields. Our staff have a wealth of experience applying positive psychology principles with different target groups. Their research-led teaching will allow you to develop an evidence-based approach that builds on the latest scientific findings. A unique feature of the programme is a focus on mindfulness-based strengths practice through the inclusion of a practice-based module. Building on the internationally leading expertise of our staff in these areas, you will have the opportunity to gain in-depth theoretical, practical and experiential insights, as well as learning how to translate the underlying principles into different applied contexts.

You will have access to state-of-the-art facilities in the Tom Reilly Building, while small group teaching will mean you can expect a high level of academic and pastoral support within a friendly and informal atmosphere.

You will study the following modules:

- Concepts in Positive Psychology
- Pathways to Wellbeing
- Promoting and Preserving Wellbeing
- Meditation and Mindfulness
- Research Skills for Positive Psychology
- Analysis for Positive Psychology
- Empirical Project

TEACHING AND ASSESSMENT

The programme is designed to develop knowledge and practical skills for applying positive psychology principles in different settings. Teaching in small groups is supported by strong online support through LJMU's virtual learning environment. Workshops and tutor support during coursework preparation provide opportunities for formative feedback from peers and tutors. Students looking to embark on a research career with a particular interest in positive human functioning will benefit from LJMU's research-led teaching that builds on the extensive research expertise of our staff. Assessment methods include: essays, written exams, critiques, reports, reflective portfolios, presentations, practical demonstrations and an empirical dissertation.

GRADUATE EMPLOYMENT

This postgraduate qualification advances your ability to apply positive psychology principles in an effective, knowledgeable and evidence-based way. For psychology graduates it can be a route towards a career in applied psychological practice or a next step towards a career in Clinical

Psychology or Talking Therapies. You may choose to continue in education or research, even taking your studies to doctoral level. Professionals in fields such as health and wellbeing, coaching, health promotion, occupational psychology, education, counselling and psychotherapy or personnel development will be able to broaden their expertise and incorporate Positive Psychology approaches into their professional development. The programme will support students in developing their personal, sustained mindfulness meditation practice. This will be particularly useful for students who wish to embark on a mindfulness teacher-training programme. By engaging with our growing network of external partners, you will gain insights into different fields of applied positive psychology and will learn how to translate your knowledge and skills into workplace settings. This will support you in building relationships with the professional world of positive psychology.

HEALTH PSYCHOLOGY Prof Doc

Study full time over two years

Entry Requirements:

Good honours degree in Psychology and GBC
BPS Accredited MSc in Health Psychology (or BPS Stage 1 Qualification), normally at merit level or higher
Suitable pre-determined placement (paid or voluntary)

IELTS: 7.0 (minimum 6.5 in each component)

Fees: See website for details

Programme Leader:

Mark Forshaw
M.J.Forshaw@ljmu.ac.uk

WHY STUDY THIS DEGREE

Health psychology is an exciting new discipline with growing opportunities for qualified professionals.

The Professional Doctorate in Health Psychology is a BPS accredited and HCPC approved programme. It is designed to meet the requirements for BPS Stage 2 training in Health Psychology and eligibility for registration as a Health Psychologist with the Health and Care Professions Council (HCPC).

The DHealthPsych programme is underpinned by a strong focus on equipping the future Health Psychologist for a range of professional scenarios. In keeping with the nationally agreed curriculum competences for Health Psychologists, you will be developing your skills in teaching and training, behaviour change interventions, research, consultancy and demonstrating that

you have the generic professional skills needed to qualify in this field. This is achieved through your own job role, taught sessions on the programme and extensive supervision.

You will study on the following modules:

- Planning Practice in Health Psychology
- Health Psychology Practice
- Reflection in Health Psychology

TEACHING AND LEARNING

Course assessment methods include a log and diary of professional practice, case studies, reflections on each competence and a viva voce examination.

In terms of research, you will produce a number of publishable papers and submit them to peer reviewed journals.

GRADUATE EMPLOYMENT

A growing number of health psychology graduates work in health education, health promotion, health administration and health audit. There are also opportunities in the organisational aspects of delivering health care within the health service and in research/teaching. Staff on the course have supervised trainees working in the health service, universities, private healthcare companies including occupational health, health and safety laboratories, pharmaceutical companies, and in private practice offering health coaching and therapeutic interventions.

ACCREDITATION



Faculty of Engineering and Technology

- Astrophysics Research Institute
- Department of the Built Environment
- Department of Civil Engineering
- Department of Computer Science
- Department of Electronics and Electrical Engineering
- Department of Maritime and Mechanical Engineering

Astrophysics Research Institute

ASTROPHYSICS MSc

Distance Learning. Study full-time over one year or part-time over two years

Entry Requirements: Minimum 2:2 in physical sciences or a STEM subject, degree level physics knowledge, and competence in maths techniques plus a reference. Non-standard applications are welcome.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £74 per credit

Programme Leader:
Professor Phil James
P.A.James@ljmu.ac.uk

Offering access to research-class facilities and expertise, this MSc in Astrophysics is delivered by world-leading experts and designed to facilitate further postgraduate study.

WHY STUDY THIS COURSE AT LJMU?

Astrophysics is enjoying an unprecedented burst of new discoveries and, because of revolutionary techniques, new opportunities are emerging to explore planets, stars, galaxies and the entire Universe. LJMU's Astrophysics Research Institute (ARI) has played a leading role in many of these advances and our programme offers you the chance to benefit from our expertise and further your academic career in this exciting and dynamic field.

This distance-learning MSc will give you the foundations from which to carry out further research through a PhD or equivalent. Each programme module provides you with the opportunity to explore current literature, with support from experienced tutors, all of whom are engaged in cutting-edge research. You will develop high-level skills in computing, accessing and manipulating complex data from large databases, assimilating information from research literature and scientific writing.

Many research topics on the course involve observational studies, which can be supported by access to the Liverpool Telescope, a two-metre aperture research-quality robotic telescope, designed and built by LJMU experts and sited on La Palma in the Canary Islands. The robotic nature of the telescope means that you interact with it via a computer interface, giving unrivalled flexibility for studying rapidly changing objects in the night sky.

You will study the following modules:

- Astrophysical Concepts
- Astrophysics Project
- Astronomical Techniques

Optional modules are also available covering topics such as:

- Cosmology
- Numerical Methods
- Time-Domain Astrophysics

TEACHING AND ASSESSMENT

Programme assessment is via a combination of online progress tests, written assignments, formal written exams, project reports, the dissertation and oral presentations. The research project and dissertation are examined by a written report and an oral presentation/interview. In most cases, the interviews are via video link, though you may opt to come to Liverpool to do this in person.

GRADUATE EMPLOYMENT

This programme is particularly focused on preparing you for a research career in astronomy, astrophysics, space science or related disciplines. In these areas, entry to top-level research is usually via the PhD route, and it is anticipated that most students will be interested in further study at PhD level and beyond.

The ARI has a long-standing and healthy PhD programme, and we are well-placed to help you in applying for PhD places on our own programme and in other institutions world-wide.

DATA SCIENCE MSc

Study full-time over one year

Entry Requirements: A minimum of a 2:2 honours degree in a numerate, scientific or computer-based subject plus an A level or equivalent in Mathematics at Grade C or above. Non-standard applications are welcome.

IELTS: 6.5 overall (minimum 6.0 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Professor Ivan Baldry
I.Baldry@ljmu.ac.uk

This programme trains you in the advanced skills and techniques of modern data science and enables you to apply your new skills and techniques to create solutions for research and business problems.

WHY STUDY THIS COURSE AT LJMU?

The MSc is built on a strong foundation of research activity in data analysis and big data computation. It is taught by the Department of Applied Mathematics and the Astrophysics Research Institute. LJMU's ownership of the 2.0m robotic Liverpool Telescope, and access to other astronomical facilities, means that a wealth of rich data sets are available for you to work with. We also have access to data from the worlds of medical science, professional sport and many other fields. All of this means we can provide a real world context for the techniques you learn on the programme, as well as teaching you how to work with experts from other areas of science.

You will study modules covering topics such as:

- Big data computing
- Statistical methods
- Data mining
- Data visualisation
- Research skills
- The data science project

TEACHING AND ASSESSMENT

Assessment on the programme is based on a combination of exams, coursework and an extended report on your dissertation project. We recognise that all students perform differently depending on how they are assessed, which is why we use a combination of exam and coursework assessment methods for each module. Typically 50% of your mark comes from coursework and 50% from an exam, although some modules may be assessed entirely by coursework in the computer lab.

GRADUATE EMPLOYMENT

The Data Science MSc programme is particularly focussed on preparing you either for a career in industry or as an entry qualification for study at PhD level. Data science is a growing area of demand at both undergraduate and postgraduate level, with a predicted scarcity of expertise forecast over the next decade.

LJMU has strong links with many graduate employers of data scientists. They value the skills developed in the course such as accessing, manipulating, and drawing insight from complex large volumes of complex data, assimilating information from the research literature, and scientific and technical writing.

The MSc provides the opportunity for you to plan and complete a substantial programme of original research at the highest level. We expect that many projects will have the potential to result in papers in refereed journals and serve as the starting point for PhD-level work.

OBSERVATIONAL ASTROPHYSICS

MSc

Distance Learning. Study full-time over one year or part-time over two years

Entry Requirements: Minimum 2:2 in physical sciences or a STEM subject, degree level physics knowledge, and competence in maths techniques plus a reference. Non-standard applications are welcome

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £74 per credit

Programme Leader:
Professor Phil James
P.A.James@ljmu.ac.uk

This innovative MSc in Observational Astrophysics is delivered by world leading academics. It provides access to LJMU's research class robotic Liverpool Telescope and is designed as a route to PhD study.

WHY STUDY THIS COURSE AT LJMU?

This masters has been developed to enable students, throughout the world, to share in new discoveries about the universe we live in. The programme is ideal if you have a strong background in mathematics and a good knowledge of basic physics at degree level. Entry to top-level research in this field is usually via the PhD route, and it is anticipated that most of the students taking this MSc will be interested in further study at PhD level and beyond.

The programme emphasises independent student learning and each module provides you with the opportunity to explore current literature, with support from experienced tutors, all of whom are engaged in cutting-edge astrophysical research. All learning materials are delivered by Canvas, LJMU's Virtual Learning Environment, and you will have access to all major astrophysical research journals and a carefully selected range of e-books to support your studies and extend your reading.

During your studies you will be able to access the Liverpool Telescope, one of the world's largest robotic telescopes, which was designed, built and is now owned and operated by LJMU. Over the last decade, this has become one of the most flexible and powerful observatories for the study of rapidly varying sources such as gamma-ray bursts, novae and supernovae.

You will study the following modules:

- Astrophysical Concepts
 - Astronomical Techniques
 - Time-Domain Astrophysics
 - Observational Astrophysics Project
- Optional modules are also available covering topics such as:
- Cosmology
 - Numerical Methods

TEACHING AND ASSESSMENT

You will be tested via a combination of online progress tests, written assignments, formal written exams, project reports and oral presentations. Most taught modules include a written exam. The research project and dissertation includes a written report and an oral presentation/interview. In most cases, interviews are carried out via video link, although you may opt to come to Liverpool to do these in person.

GRADUATE EMPLOYMENT

This Observational Astrophysics MSc programme is focused on preparing you for a research career in astronomy, astrophysics, space science or related disciplines. The MSc also provides key transferable skills in computing, accessing and manipulating complex data from large databases, assimilating information from research literature, and scientific writing. These skills are vital for a broad range of careers in academic and industrial research.

RESEARCH OPPORTUNITIES

Work alongside leading researchers, using world-class telescopes and other facilities when you study for an MPhil/PhD full-time over 33-48 months.

The Astrophysics Research Institute (ARI) has a proud history of innovation in teaching, research and student support. We offer you the opportunity to join a thriving postgraduate research community, with dedicated expert supervision and support, where both home and international students can flourish.

We welcome applications for doctoral research in:

- Star formation and stellar populations
- Galaxy formation and evolution
- Computational galaxy formation
- Time-domain astrophysics (particularly novae, supernovae and gamma ray bursts)
- Astronomical instrumentation

For more information, please visit ljmu.ac.uk/research

Department of the Built Environment

COMMERCIAL BUILDING SURVEYING MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree or an equivalent professional qualification with appropriate work experience.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Dr Matthew Tucker
M.P.Tucker@ljmu.ac.uk

If you are interested in forging a career as a Chartered Building Surveyor, this programme will give you the knowledge, skills and experience needed for a wide range of careers in property and construction.

WHY STUDY THIS COURSE AT LJMU?

Fully accredited by the Royal Institution of Chartered Surveyors (RICS), this programme is industry-focused, globally relevant and at the forefront of current thinking. On graduation you will be eligible for direct entrance on the RICS APC professional training programme which can lead to full Chartered status.

During your studies you will gain the knowledge, skills and experience needed to succeed in a wide range of roles in property and construction and will benefit from extensive links with professional bodies and employers. You will be able to network with industry experts using our state-of-the-art learning technology. You will also have the support of a personal tutor throughout the course who will provide one-to-one guidance and advice as required.

The programme is designed to be responsive to the changing needs of industry, government, local communities and professional practice. The Department of Built Environment works in close partnership with industry providing scholarship, research, consultancy and lifelong learning opportunities. Staff come from a variety of backgrounds and have years of industry experience to pass on. They also carry out internationally recognised research into various aspects of the discipline.

Graduating from this course will provide you with the professional accreditation, networks, skills and techniques to progress quickly in this dynamic field. Your lecturers will help you to develop into the leading Building Surveyors of the future.

You will study the following modules:

- Collaborative BIM Project
- Building Management
- Design Management
- Law and Contract
- Dilapidations
- Building Technology
- Research Methods
- Dissertation

TEACHING AND ASSESSMENT

Teaching on the course is via a combination of lectures, laboratory work, tutorials, workshops and practical sessions. This is combined with your own research using our library and the web. You will spend around 12 hours per week in lectures. The course is assessed using a variety of methods including: exams, coursework, assignments, reports, oral presentations (individual and group), workshops, peer review and computer-based exercises. To identify your strengths and areas needing work, tutors will provide prompts and constructive feedback via our virtual learning environment.

GRADUATE EMPLOYMENT

Whatever your ambitions for the future, our postgraduate qualifications will ensure you enjoy excellent career prospects both in the UK and internationally, enabling you to provide 'real world' solutions to the challenges of sustainable global development.

On graduation from this masters you will be eligible for direct entry to the RICS APC professional training programme which can lead to full Chartered Status. Our graduates usually progress to professional training programmes and roles within construction organisations, public and private businesses.

CONSTRUCTION PROJECT MANAGEMENT MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree or an equivalent professional qualification with appropriate work experience.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Dr Matthew Tucker
M.P.Tucker@ljmu.ac.uk

Learn how to lead and integrate a team of multidisciplinary professionals on this Construction Project Management Masters. This postgraduate course provides links to leading practitioners, RICS and CIOB accreditation and direct entry to RICS APS.

WHY STUDY THIS COURSE AT LJMU?

Construction project management is a highly challenging role, requiring skilled individuals with the ability to lead and integrate a multidisciplinary team of professionals. This postgraduate course provides links to leading practitioners, RICS and CIOB accreditation and direct entry to the CIOB PDP and RICS APS.

Increasingly complex organisational structures and rapid technological change require project managers to appreciate sophisticated communications systems, intricacies of resource management including managing people and the integration of building information (BIM). Our close partnerships with industry and practice ensure our graduates are responsive to the changing needs of industry, government, local communities and professional practice.

Fully accredited by the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB), this masters develops the professional and transferable skills required by industry. When you graduate with the MSc Construction Project Management you are exempt from the educational requirements for both the CIOB and the RICS and can apply for the professional training needed for full membership.

The programme aims to provide a stimulating and challenging curriculum which produces self-reliant, versatile, enterprising and competent construction project managers. It offers the chance to tailor programmes of study to your personal background, interests and career aspirations and provides appropriate support as you build your knowledge, skills and understanding to become an independent learner.

Always well received by students, the programme receives many positive comments on the 'added value' option to complete the Foundation Stage qualification for Prince2® (fee payable to the APM).

You will study the following modules:

- Collaborative BIM project
- Project Management Fundamentals
- Project Planning, Executing, Controlling and Closure
- Prince2®
- Sustainable and Lean Principles within Construction
- Production Management and BIM
- Research Methods
- Dissertation

TEACHING AND ASSESSMENT

Modules are examined using a variety of methods including: unseen exams, coursework, classroom tests, group presentations and interview by expert panel. At various points in the programme, students undertake tests using the Classroom Performance System to assess their knowledge and understanding and provide instant feedback on their progress to date.

Students will also be assessed on their ability to critically analyse relevant research and debate issues within confined peer groups. Practical skills will be assessed within discrete modules via formal coursework assignments linked to a variety of case study material.

In the Collaborative BIM project module, students will be informally tested at various review points throughout the project and, formally, by interview with a professional panel of experts drawn from industry.

GRADUATE EMPLOYMENT

Construction Project Management roles are recognised internationally within the construction industry. This masters course will give you the knowledge and skills to undertake a variety of project management roles in the construction and property sectors.

Many students go on to work in international markets, identifying the importance of applying theory through software applications in the workplace. Recent graduates have been employed by main contractors on commercial developments and by project management consultancies representing clients.

ACCREDITATION



PROJECT MANAGEMENT MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree in a relevant discipline or an equivalent professional qualification with appropriate work experience.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Dr Fiona Borthwick
F.Borthwick@ljmu.ac.uk

Accelerate your career prospects as a project manager with this masters course which investigates postgraduate project management techniques and offers access to PRINCE2 qualifications.

WHY STUDY THIS COURSE AT LJMU?

Project management is often identified as being about managing change. This MSc is designed to provide an integrated, coherent, stimulating and challenging programme of study. The course aims to produce postgraduates able to play a significant role in applying contemporary, relevant and meaningful project management practice in the modern global marketplace. The curriculum is informed by internationally recognised research from our Built Environment and Sustainable Technologies (BEST) Research Institute and, as project management involves wide-ranging management skills, you will be able to apply your expertise in any industry sector, anywhere in the world.

Emphasising the development of professional and transferable skills, the programme enables you to study topics relevant to your background, interests and career aspirations. Indeed, it has been structured to take account of the potentially diverse range of students it often attracts.

During your studies you will be able to gain PRINCE2 qualifications and build the knowledge, understanding and skills needed to become an independent learner. You will also have access to professional bodies and leading practitioners, thanks to visits from guest lecturers.

You will study the following modules:

- Project Management Fundamentals
- Project Planning, Executing, Controlling and Closure
- Strategic Project Environment
- Leadership for Strategic Execution
- Research Methods
- Dissertation
- Advanced Oil and Gas Management
- Organisational Change
- Integrated Project
- PRINCE2®
- Sustainable and Lean Principles within Construction

TEACHING AND ASSESSMENT

Modules are examined via a variety of coursework tasks including: reports, online tests, group presentations and individual presentations/discussions. At various points in the programme you will undertake tests using the Classroom Performance System. This will test your knowledge and understanding and provide instant feedback on progress to date. The integrated project and work-based project allow skills to be tested around a real life industry project. They involve various forms of presentations plus solo work, team work and deadline-driven work.

GRADUATE EMPLOYMENT

This qualification aims to enhance the career opportunities of those looking to move into project management within their own area of expertise and those moving to a new area. Specific study routes within the programme provide an insight into certain industries, for example, the oil and gas sector, the construction sector and the maritime industry. The transferable skills developed during the course, however, offer access to a much wider range of management opportunities.

ACCREDITATION



QUANTITY SURVEYING AND COMMERCIAL MANAGEMENT

MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree in a relevant discipline or an equivalent professional qualification with appropriate work experience.
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100
Programme Leader: Dianne Marsh D.Marsh@ljmu.ac.uk

Fast track your career with this RICS accredited Quantity Surveying and Commercial Management masters.

WHY STUDY THIS COURSE AT LJMU?

Supported by industrial partners and professionally accredited by the Royal Institution of Chartered Surveyors (RICS), this programme will develop your knowledge and practical skills and enable you to undertake a variety of quantity surveying and commercial management roles in the construction sector.

The course provides an opportunity to graduates from disciplines other than surveying to convert their transferable skills and extend their abilities in a critical way to the quantity surveying profession. You will develop in-depth knowledge and understanding of procurement and construction contracts both in the UK and internationally.

You will acquire sound knowledge of financial management, measurement, project management and contract administration. The curriculum further places emphasis on Building Information Modelling (BIM) as a collaborative process and allows you to work in a multidisciplinary setting with students across other postgraduate Built Environment programmes. In addition to the core taught modules, you will receive training on research methodology and undertake a dissertation.

Building on the course's extensive links with professional bodies and industry, the programme features a range of guest lectures and seminars by leading practitioners. LJMU has adopted an innovative and flexible approach for the delivery of this course which is designed to meet the evolving needs of the industry.

You will study the following modules:

- Financial Management and BIM
- Collaborative BIM Project
- PRINCE2®
- Construction Contract Strategy
- Quantity Surveying Professional Skills
- Sustainable Procurement
- Research Methods
- Dissertation

TEACHING AND ASSESSMENT

The programme is assessed using a range of techniques including traditional essay and report-based coursework assignments, workshop presentations and exams. Assessment methods for each module may include: formal unseen and open book exams, individual and group coursework, classroom tests, presentations and interviews by industry experts.

The collaborative project allows the testing of skills around a real life industry project and will involve various forms of verbal and written presentations, team working, independent working and deadline-driven tasks.

GRADUATE EMPLOYMENT

On graduation from this programme you will enjoy full exemption (except the Assessment of Professional Competence) from the RICS educational requirements and be eligible for direct entrance on to the RICS Assessment of Professional Competence professional training programme.

With the core knowledge and skills to work in all sectors of business, including construction, new build and civil industries, you can look forward to roles in contracting, supply chain management, consultancy work and quantity surveying client organisations.

ACCREDITATION



REAL ESTATE

MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree in a relevant discipline or an equivalent professional qualification with appropriate work experience.
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100
Programme Leader: Sarah Buxbaum S.Buxbaum@ljmu.ac.uk

This MSc in Real Estate is accredited by the RICS and designed as a fast-track route for first degree holders seeking a career in Real Estate.

WHY STUDY THIS COURSE AT LJMU?

This progressive, vocational postgraduate qualification enables you to fast-track your way to a career within the real estate sector as a Chartered Surveyor. The programme has a high standing both academically and professionally and is fully accredited by the Royal Institution of Chartered Surveyors (RICS).

The course has been designed to provide you with a full understanding of the role of the real estate professional in the valuation, appraisal, strategic management and development of commercial and residential property assets. You will be provided with not only the technical real estate knowledge and understanding required in practice, but also the essential practical and transferable skills required by employers. In essence, this masters provides an excellent basis for the development of your career within the surveying profession.

You will be taught by tutors whose academic rigour and wide-ranging practical experience of the construction and property professions will give you a fully-rounded insight into the sector. Extensive industry involvement from the public and private sector also ensures the programme is responsive to the changing needs of professional practice.

On graduation you will be eligible for direct entrance onto the RICS APC (Assessment of Professional Competence), a key step towards full professional membership of the RICS.

You will study the following modules:

- Research Methods
- Dissertation
- Valuation
- Real Estate Investment
- Building Technology and Management
- Research Methods
- Law
- Planning and Development
- Real Estate Management

TEACHING AND ASSESSMENT

You will be taught via: lectures, tutorials, problem-solving sessions, seminars and practical workshops utilising professional software applications and databases. You will also have the opportunity to complete industry-focused reports and project work to demonstrate your understanding of topics. Assessment methods include: exams, essay and report based assignments, and individual and group presentations. The dissertation also provides you with the opportunity to further deepen your skills and knowledge by undertaking independent research in a real estate issue or topic that interests you.

GRADUATE EMPLOYMENT

The programme leads to excellent career opportunities with leading UK and international surveying firms and consultancies, property companies, developers and public sector organisations. Past graduates have found employment with leading UK and international surveying firms, property consultancies, developers and public sector organisations.

Many employers offer excellent positions with a structured graduate training programme ensuring you will complete the full range of training required for the APC. After qualifying professionally you may have the opportunity to become a partner in an established surveying practice or go on to run your own practice. Some graduates have used their property expertise to follow a different property related career path with large accountancy companies, law practices and banking and insurance providers.

ACCREDITATION



RESEARCH OPPORTUNITIES

Should you be interested in a research qualification, you can study for an MPhil or a PhD in the Department of Built Environment.

The MPhil can be studied full-time over 12 months. The PhD can be studied full-time over 24 months. Our vibrant research community includes over 40 PhD students, and we have dedicated facilities for our research students.

We offer you expert supervision and the opportunity to join a thriving and supportive environment where students are viewed as a valued and integral part of the Built Environment and Sustainable Technologies (BEST) Research Institute. You will have access to the Institute's high quality research laboratories, research student 'hub', project rooms and social space.

We offer expert supervision in:

- Sustainable technologies
- Planning and development
- Construction and facilities management
- Renewable energies and recycling
- Economics and sustainability

BEST focuses on applied research, closely linked to industry. It also features significant areas of theoretical 'blue-skies' work aimed at addressing longer-term global needs. Our research income is increasing all of the time and we have a long-standing history of national and international collaborations with academic institutions and industry partners.

Current research activity topics include:

- Producing energy from waste using advanced technologies
- Efficient recycling systems
- Low/zero carbon buildings
- Sustainable construction management, procurement and facilities management
- Sustainable communities and real estate
- Facilities and building performance
- Unique wireless sensors for real time monitoring
- Water, wastewater, oil and gas
- Material characterisation
- Food quality
- Building health monitoring
- Healthcare and patient wellbeing
- Security

For more information, please visit ljmu.ac.uk/research

Department of Civil Engineering

CIVIL ENGINEERING

MSc

Study full-time over one year

Entry Requirements: Minimum second class honours degree in an engineering discipline, or an equivalent qualification with work experience.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Dr Denise Lee
D.Y.Lee@ljmu.ac.uk

Study on this postgraduate course, which provides a route to Chartered Engineer status, and develop the skills you need to lead a civil engineering team.

WHY STUDY THIS COURSE AT LJMU?

Civil Engineering is the branch of engineering, which designs and constructs large structures, such as bridges, roads, tunnels, tall buildings and flood defences. The overall aim of this MSc is to develop the skills needed to play a leading role in this exciting profession whilst satisfying the learning requirements for Chartered Engineer status.

The programme is ideally suited to students who have completed a BEng (Hons) in Civil Engineering, but is also suitable for graduates from allied disciplines, such as environmental, mechanical, architectural or building services engineering. It builds on the engineering knowledge and skills developed at first-degree level with a stimulating and challenging postgraduate programme of study that will extend your understanding and analytical skills.

You will develop a critical awareness of current issues in the field, as informed by ongoing research from LJMU's Built Environment and Sustainable Technologies (BEST) Research Institute. You will evaluate the latest research and design methodologies, increase your understanding of ethical issues related to civil engineering, and your responsibilities with regards to sustainable construction. You will also develop a greater understanding of management principles and strategies and be able to critically evaluate design, construction and operation within the context of both regulation and current developments. By the end of the programme, you will be able to apply appropriate technical solutions to the analysis and evaluation of complex design problems.

You will study the following modules:

- Research Methodology
- Research Project
- Water and Wastewater Treatment
- Materials Technology
- PRINCE2®
- Sustainable Infrastructure
- Collaborative BIM Project
- Structural and Earthquake Engineering

TEACHING AND ASSESSMENT

Coursework tasks are an integral part of the learning activity on this programme and are designed to help you develop your skills. You will be assessed via a combination of written exams, assignments, presentations and the dissertation.

GRADUATE EMPLOYMENT

Postgraduates can expect to develop careers as civil engineers working either in a design office or on site. Some will choose to continue in research and move on to work towards a PhD. Former students have gone on to work in roles including: Civil Engineer, Geotechnical Engineer, Project Engineer and Structural Engineer working for organisations including Arup, Tony Gee, Mouchel, Mott McDonald, J N Bentley Ltd, HL Structural Engineers, URS Infrastructure and Environment Atkin Global and as general consultants.

ACCREDITATION



WATER, ENERGY AND THE ENVIRONMENT

MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree in a relevant discipline, or an equivalent professional qualification with at least two years appropriate work experience.
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100
Programme Leader: Dr Edward Loffill E.Loffill@ljmu.ac.uk

Study fundamental engineering and scientific principles on this masters, which provides CIWEM and Joint Board of Moderators accreditation, has close links with industry and prepares you for further study and Chartered Engineering status.

WHY STUDY THIS COURSE AT LJMU?

This is a broad scientific and engineering MSc fully accredited by the Chartered Institution of Water and Environmental Management (CIWEM) and the joint board of moderators (JBM) as suitable for further learning for Chartered Engineer (CEng) status. Topics include water and wastewater treatment, the challenges for global energy supplies and security along with environmental management modules taking a holistic view of present day challenges such as climate change.

The programme is designed to help you become a competent environmental engineer and manager. It provides a sound knowledge of engineering and scientific principles, together with the ability to apply these to design, construction, assessment, analysis, operation and management. The curriculum is informed by the Department's close partnerships with industry and knowledge of professional practice. As a graduate of this course, you will be able to apply techniques to analyse and solve environmental problems, critically evaluate the environmental impact of human activities and demonstrate knowledge of national and international environmental policy and regulation. You will also be able to critically evaluate design and operations within the field of water, energy and the environment and use appropriate mathematical models for environmental modelling and assessment.

The Department of Civil Engineering is recognised as a leading contributor of enhanced applied and 'blue skies' knowledge, blending traditional civil engineering fields of research with innovative and highly advanced areas of engineering. It enjoys a strong record in business partnering with several local, national and international organisations, particularly through the DTI Knowledge Transfer Partnership Scheme. These projects are aimed at adding value to the business through the delivery of innovative solutions and the provision of a creative working environment.

Focusing on its reputation for excellence, the Department is home to the internationally acclaimed Built Environment and Sustainable Technologies Research Institute (BEST). What's more, several programme graduates have won CIWEM sponsored national prizes for achievement, reflecting the high quality of the course.

You will study the following modules:

- Research Methodology
- Research Project
- Sustainable Infrastructure
- River Basin Management
- Water and Wastewater Treatment
- Energy Management
- Environment Systems

TEACHING AND ASSESSMENT

This programme is taught via lectures, seminars and problem solving sessions. You will be expected to take an active role in your learning through debates, discussions and presentations. You will also have the opportunity to carry out fieldwork, site visits and laboratory sessions to enhance your practical skills. Professional body talks and visits are also part of the learning process.

In terms of assessment, analysis, problem solving and evaluation skills are tested via unseen written exams, assignments, presentations and the dissertation report. Critical evaluation is assessed through learning journals.

GRADUATE EMPLOYMENT

LJMU has an excellent record for employability with 96% of postgraduates in work or further study six months after graduation. Graduates from this programme have gone on to work in roles including: Civil Engineer, Project Coordinator, Project Manager, Regulator Analyst, Environmental Scientist, Laboratory Analyst and Water and Wastewater Plant Operators in organisations including United Utilities, The Environment Agency, Engineering and Environmental consultants.

ACCREDITATION



RESEARCH OPPORTUNITIES

Should you be interested in a research qualification, you can study for an MPhil or PhD in the Department of Civil Engineering.

The MPhil can be studied full-time over 12 months. The PhD can be studied full-time over 24 months.

Our vibrant research community includes over 40 PhD students. We offer expert supervision and the opportunity to join a thriving and supportive environment where students are viewed as a valued and integral part of the Built Environment and Sustainable Technologies (BEST) Research Institute. You will have access to the Institute's high quality research laboratories, research student 'hub', project rooms and social space.

We offer expert supervision in:

- Sustainable technologies
- Water and wastewater treatment technologies
- Catastrophic failure of tanks
- The use of sensors in the water industry

- Renewable energies and recycling
- The use of innovative techniques and materials for pavement design

BEST focuses on applied research, closely linked to industry. It also features significant areas of theoretical 'blue-skies' work aimed at addressing longer-term global needs. Our research income is increasing all of the time and we have a long-standing history of national and international collaborations with academic institutions and industry partners.

Recent research projects have focussed on:

- Producing energy from waste using advanced technologies
- Efficient recycling systems
- Low/zero carbon buildings
- Sustainable construction management, procurement and facilities management
- Sustainable communities and real estate
- Facilities and building performance
- Unique wireless sensors for real time monitoring
- Water, wastewater, oil and gas
- Material characterisation
- Food quality
- Building health monitoring
- Healthcare and patient wellbeing
- Security

For more information, please visit ljmu.ac.uk/research

Department of Computer Science

COMPUTING AND INFORMATION SYSTEMS

MSc

Study full-time over one year

Entry Requirements: Honours degree in computing or a related subject.
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100
Programme Leader: Dr Rubem Pereira R.Pereira@ljmu.ac.uk

This MSc in Computing and Information Systems aims to enhance career prospects for graduates working, or planning to work, in the computing environment, by providing advanced knowledge and skills.

WHY STUDY THIS COURSE AT LJMU?

The MSc in Computing and Information Systems focuses on the technological aspects of hardware and software systems, studying their operational and managerial environment. It aims to provide you with a fuller, systematic understanding of current and developing computer technologies. Computing and information technology are ever changing and that is why our programmes ensure you are kept up-to-date with technical innovations. Our courses widen your experience, combining technical skills with a sound understanding of information technology and its management. They also enable you to carry out an extensive research project in an area of your choosing.

As a student in the Department of Computer Science, you will have access to our £6 million state-of-the-art laboratories and teaching facilities. Here you will be taught by academics active in research. The Department has a leading reputation for research and is the home of PROTECT- the Research Centre for Critical Infrastructure Computer Technology and Protection which brings together researchers from numerous areas to address emerging challenges.

LJMU's research in the areas of Networked Systems and Security, Computer Entertainment and Neural Networks is recognised internationally and has secured funding from bodies including the EPSRC and the BBC. In the REF 2014, an impressive 94% of research submitted in this subject area was recognised internationally or considered of international importance.

You will study the following modules:

- Project Dissertation
- Advanced Software Engineering Concepts
- Research Methods
- Computer Systems Technology
- Management of E-business
- Database Design and Technology

Optional modules are also available covering topics such as:

- Advanced Data Structures and Algorithms
- Software Development with JAVA
- Computer Forensics
- Computer Security

TEACHING AND ASSESSMENT

The programme is delivered via lectures, tutorials, practicals, coursework, projects, seminars and guided independent study. Cognitive skills are developed via tutorials, group discussions, teamwork, coursework, projects and presentations. Coursework and projects also provide practical opportunities for students to work independently or in groups.

Key skills are developed through a combination of research-related coursework, guided independent study and projects, exams, group work and presentations. A major component of the course is the project module. This is an extensive piece of research work in an applications domain relevant to your academic or professional interests. The project is assessed via presentations and your dissertation.

GRADUATE EMPLOYMENT

This ever-expanding sector offers a wealth of employment opportunities and you can expect to progress to roles in: e-commerce application development; software system analysis/programming; project management; IT management; software quality assurance and system design. You may also choose to carry out further research via an MPhil/PhD. Businesses who have employed graduates of this course include: BT; Marconi Communications; Seagate; Unilever; Littlewoods; Tubedale Communications; Chance & Hunt; Eli Lilly and Fraser Williams.

CYBER SECURITY

MSc

Study full-time over one year

Entry Requirements: Honours degree in computing or a related subject.
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100

This masters in Cyber Security enables students with computing and related subject experience to further their study in this exciting, challenging and much in-demand area of computer science.

WHY STUDY THIS COURSE AT LJMU?

Cyber Security focuses on protecting computers, public and private computer networks, critical infrastructure, smartphones, smart objects, software and digital information from unauthorised access, change or destruction.

Aligned with the UK Government's professional practitioner benchmark for Cyber Security masters-level study, this programme and its modules are the result of extensive communications with industry and government. The Department of Computer Science also maintains a regular industrial liaison panel.

Departmental staff have been involved in funded research to improve links between work-based and academic learning. You will benefit from the results of this work with our cloud-based platform for cyber security skills, developed in conjunction with security companies in the north-west of England. This course is designed to enhance your scientific, engineering and technical skills and equip you with the theoretical and practical knowledge, tools and applications necessary for a career in cyber security. It will enhance your CV and raise your profile in the job market.

As a student in the Department of Computer Science, you will have access to our £6 million state-of-the-art laboratories and teaching facilities. The Department is the home of PROTECT- the Research Centre for Critical Infrastructure Computer Technology and Protection - which brings together researchers from numerous areas to address emerging challenges. LJMU has an international reputation for research in computer science. In the REF 2014, an impressive 94% of research submitted in this area was recognised internationally or considered of international importance.

We are proud of our academic team's high quality teaching standards and approachability. Informal staff-student relationships are excellent and, if you decide to study with us, you will be joining a relaxed and friendly department. Staff are committed not only to student welfare but also to ensuring that our courses are continually developed to meet the needs of employers.

You will study the following modules:

- Computer Security
- Network Security
- Practical Sysadmin Security
- Secure Software Engineering
- Information Security Management
- Research Methods
- Project Dissertation

TEACHING AND ASSESSMENT

You will begin your studies with a one-day induction and then spend approximately 15 hours per week in the classroom. Independent study is a fundamental element of the programme and accounts for about 70% or 35 hours of your weekly study time. You will be encouraged to read around the subject to both supplement and consolidate what is being taught and to broaden your individual knowledge and understanding of the subject.

Programme content is delivered via lectures, with informal lab sessions and small-group tutorials reinforcing concepts discussed in lectures and offering the chance to develop ideas with staff and other students. Assessment is via a combination of coursework and exams, a personal independent project and a masters-level dissertation. The dissertation is an extensive piece of

research work in an applications domain relevant to your academic or professional interests. It is intended to provide you with an opportunity to undertake a significant investigation and produce a major piece of work on the outcome.

GRADUATE EMPLOYMENT

Employment is at the heart of the MSc Cyber Security and practical, hands-on experience is integrated into this programme, to boost your employability, wherever possible. Work-based problems also feature significantly in programme learning and assessment. As a graduate of this programme, you will be sought after by companies looking for: ethical hackers, secure software developers, computer security consultants, network and system administrators and data analysts. You may also find yourself working in: data mining, security applications development, policing, intelligence, security or computer forensics, network security management or education.

Recent graduates are now employed by companies such as: Barclays, Shop Direct, MBNA, Unilever, Sony, TT-Games, Lucid, Eli Lilly, Merseyside Police, Oracle and Microsoft.

RESEARCH OPPORTUNITIES

Should you be interested in a research qualification, you can study for an MPhil or PhD in the Department of Computer Science. The MPhil can be studied full-time over 12 months and the PhD can be studied full-time over an additional 24 months.

The Department of Computer Science offers expert supervision for your research plus the opportunity to join a thriving and supportive research environment. Our students are a valued and integral part of our research community and our growing research base and reputation is founded on:

- advanced research and application development
- increasing research income
- our long-standing collaborations with other academic institutions and industry partners

We offer excellent research facilities - including specialist laboratories with state-of-the-art hardware and software, a stimulating working environment and first class student support.

Our specialist supervision areas include:

- computing science
- network and information security
- critical infrastructure protection
- networked appliances
- computer games and technologies
- serious gaming
- 'internet of things'

- distributed and autonomic software engineering
- applied computing
- neural computation and allied computing

We invite all doctoral students to attend and contribute to the Department's extensive seminar programme, which attracts speakers from LJMU and other higher education and research institutions across the UK and internationally. Staff and students also widely disseminate their research findings through participation at key international research gatherings and publication in peer-reviewed journals.

For more information, please visit ljmu.ac.uk/research

Department of Electronics and Electrical Engineering

AUDIO FORENSICS AND RESTORATION MSc

Study full time over one year

Entry Requirements: 2.2 Honours degree or above in Audio Production, Audio Technology, Sound Technology, or a related audio discipline 2.2 Honours degree or above in Forensic Science, Mathematics or a physical science, together with experience in a relevant field
IELTS: 6.0 (minimum 5.5 in each component)
Fees: £16,100
Programme Leader: Karl Jones K.O.Jones@ljmu.ac.uk

WHY STUDY THIS DEGREE

This programme prepares students from varied backgrounds for work in the fields of forensic audio and audio restoration utilising state-of-the-art methods and technology.

The Audio Forensics modules will equip you for a career working with or for the police, supporting investigations as a modern digital forensic provider. Further skills gained from the Law and Court Room module will open up additional opportunities in the emerging professional private investigative services. The ability to authenticate, analyse and enhance audio evidence to the exacting standards required by law is now one of the most sought after technical skills in the crime detection portfolio.

After completion of this course, you will not only be suitably equipped to operate within the proposed ISO frameworks of Modern Digital Forensic Services but fully prepared to utilise your skills for enhanced employability in specialist areas of the modern media industry.

You will study the following modules:

- Audio Forensics Theory and Practice
- Audio Restoration Theory and Practice
- The Commercial and Legal Dimension
- Legacy Media Formats
- Research Skills
- Law and Court Room Skills
- Dissertation

TEACHING AND LEARNING

Teaching within modules normally involves delivering lectures to students in order to deliver core knowledge and underpinning theory which is reinforced by the use of tutorials and practice sessions. During the practice sessions a student-centered approach is normally taken, aimed at encouraging students to "learn by doing".

GRADUATE EMPLOYMENT

Our applied learning techniques and strong industry connections ensure our students are fully prepared for the workplace on graduation and understand how to apply their knowledge in a real world context.

Graduates might choose to pursue career as one of the following: Audio Forensic Specialist; Audio Restoration Specialist; Multimedia Restoration Specialist; Digital CSI technician; Academic research and education; Private Audio forensic expert witness; Corporate archivist.

ELECTRICAL POWER AND CONTROL ENGINEERING

MSc

Study full-time over one year

or

Study full time over two years - with industry placement in second year

Entry Requirements: Minimum 2:1 honours degree in an engineering subject, or equivalent, or a 2:2 honours degree with appropriate industrial experience.
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100, £3,650 for industry placement year
Programme Leader: Dr Michael Shaw M.M.Shaw@ljmu.ac.uk

This MSc degree programme provides an excellent progression point from undergraduate courses in the area of electrical engineering. You can also complete the course as part of your career development and to specialise in the Electrical Power and Control Engineering field, which is proving very popular.

WHY STUDY THIS COURSE AT LJMU?

Study at one of the UK's leading Engineering Schools on this popular masters programme. Electrical power and control engineering is a specialised field with plentiful international employment opportunities enabling graduates to work overseas in this exciting and dynamic industry. Taught by expert academics, the programme is informed by internationally acclaimed research from LJMU's Electrical and Electronic Engineering Research Centre.

The Department of Electronics and Electrical Engineering has a long and distinguished history of teaching and research and an established reputation for producing excellent engineers. The department undertakes research activities of national and international significance, supporting departmental programmes and covering areas such as: multiphase electric machines and drives and control systems.

Departmental teaching and research is supported by long-term partnerships with other universities and employers in the UK and overseas. This combination of academic and professional expertise helps ensure our graduates are well equipped to meet the opportunities and challenges of this exciting sector. Indeed, postgraduates on this course are highly sought after by major UK and international employers.

You will study the following modules:

- Modelling and Control of Electric Machines and Drives
- Control Systems
- Digital Control
- Power Systems Modelling and Analysis
- Research Skills
- Modelling and Simulation
- MSc Dissertation
- Professional and Leadership Skills
- Dynamic Systems Simulation

Year two of the programme is an industry placement.

TEACHING AND ASSESSMENT

You will be taught via lectures and directed student-centred learning, such as case studies.

The programme design enables you to practice communication skills at Chartered Engineer level. You will gain specific professional skills that can be applied to technical and management roles in power and control engineering.

To cater for the wide-ranging content of our courses and the varied learning preferences of our students, we offer a range of assessment methods on each programme. Assessment techniques vary from module to module to reflect relevant assessment approaches and the key learning points of each topic. Assessment methods on this course include case study reports, assignment submissions and, where appropriate, short class tests. Some modules also include testing of problem-solving skills through a combination of unseen written examinations.

GRADUATE EMPLOYMENT

This vibrant sector provides many graduate opportunities and our highly sought after graduates often go on to senior positions in major UK and international companies. The course develops the technical and managerial skills you will need to succeed in your chosen career. Typical graduate roles include: System Designer, Analyst and Senior Engineer in the fields of electrical engineering, process control and related industries.

EMBEDDED SYSTEMS AND IC DESIGN

MSc

Study full time over one year

or

Study full time over two years - with industry placement in second year

Entry Requirements: Minimum 2:2 honours degree
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100 for study year £3,650 for industry placement year
Programme Leader: Dr Mike Shaw M.M.Shaw@ljmu.ac.uk

WHY STUDY THIS COURSE AT LJMU?

This MSc degree programme provides an excellent progression point from undergraduate courses in the area of electronic engineering. You can also complete the course as part of your career development and to specialise in the Embedded Systems, Nano Electronics and IC Design fields.

Industrial organisations across all sectors have identified a gap in the market and the need for Engineers with good leadership and interpersonal skills in addition to their technical abilities.

You will study the following modules:

- Embedded Systems
- Advanced Signal Processing
- Research Skills
- Modelling and Simulation
- Professional and Leadership
- IC System Design
- Digital Design and Test
- Dissertation

Year 2 of the programme is an industry placement.

TEACHING AND ASSESSMENT

You will be taught via lectures, tutorials, seminars, activity-based learning, group discussions, panel sessions, and inverted classroom learning.

You will undertake an industrial placement during the second year of study. Interviews will take place with our industry partners to secure these placements.

GRADUATE EMPLOYMENT

This course will develop both the technical and managerial skills you need to succeed in your chosen career. Typical positions include embedded system design engineers, analysts, and senior electronic engineers in the fields of nano electronics, integrated circuit design and related industries.

Our postgraduates are highly sought after by employers and many occupy senior positions within major UK and international companies.

SENSORS, DATA AND MANAGEMENT

MSc

Study full time over one year

or

Study full time over two years - with industry placement in second year

Entry Requirements: Minimum 2:1 honours degree or equivalent in an engineering subject, or a 2:2 honours degree with appropriate industrial experience.
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100 for study year £3,650 for industry placement year
Programme Leader: Dr Princy Johnson P.Johnson@ljmu.ac.uk

WHY STUDY THIS COURSE AT LJMU?

The MSc Sensors, Data and Management (sandwich) is an innovative programme designed to be an interface between the University and industry. It provides

appropriate training in leadership skills as well as technical learning via taught modules and an industry placement. Leadership skills are about cultivating the personal and social competence that enable you to build and develop cohesive teams that perform optimally. This programme aims to develop and nurture those skills through experiential learning of the theory and through an industrial placement experience. By working with various industries in the North West, the programme aims to create opportunities for our students to gain industrial exposure and become successful leaders in their environment.

You will study the following modules:

Year 1 Core Modules:

- Professional and Leadership skills
- Industrial Relationship
- Modelling and simulation
- Research Skills
- Sensor Networks and Data Analytics
- Advanced Programming

Year 2 of the programme is an industry placement and MSc dissertation.

TEACHING AND ASSESSMENT

Assessment varies by module, but usually involves a combination of exams and coursework, including reports, essays and practical assignments.

GRADUATE EMPLOYMENT

Industrial organisations across sectors have identified a gap in the market and the need for Engineers with good leadership and interpersonal skills as well as technical ability. This programme could be a fast route to chartered status for local students as well as providing real industrial exposure to the international students through its technical and interpersonal related courses, and the industrial placement opportunity.

WIRELESS COMMUNICATIONS

MSc

Study full time over one year

or

Study full time over two years - with industry placement in second year

Entry Requirements: Minimum 2:1 honours degree or equivalent in an engineering subject or 2:2 honours degree with appropriate industrial experience.
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100 for study year £3,650 for industry placement year
Programme Leader: Dr Mike Shaw M.M.Shaw@ljmu.ac.uk

WHY STUDY THIS COURSE AT LJMU?

This MSc degree programme provides an excellent progression point from undergraduate courses in the area of electronics or communications engineering. You can also complete the course as part of your career development and to specialise in the Wireless Networks, Sensors and Radio & Optical Signal Propagation.

You will study the following modules:

- Digital Communications Systems
- Advanced Signal Processing
- Modelling and Simulation
- Dissertation
- Professional and Leadership Skills
- Sensors and Data Analytics
- Radio and Optical Signal Propagation
- Research Methods
- Wireless Networks

Year 2 of the programme is an industry placement.

TEACHING AND ASSESSMENT

You will learn via lectures, tutorials, seminars, activity-based learning, group discussions, panel sessions, and inverted classroom learning. To cater for the wide-ranging content of our courses and the varied learning preferences of our students, we offer a range of assessment methods on each programme. Assessment techniques vary from module to module to reflect relevant assessment approaches and the key learning points of each topic.

You will undertake an industrial placement during the second year of study. Interviews will take place with our industry partners to secure these placements.

GRADUATE EMPLOYMENT

Industrial organisations across all sectors have identified a gap in the market and the need for Engineers with good leadership and interpersonal skills in addition to their technical abilities. Our postgraduates are highly sought after by employers and many occupy senior positions within major UK and international companies.

RESEARCH OPPORTUNITIES

Conduct research in a highly rated and supportive environment, accessing world-class facilities and support from acclaimed experts. You can study for an MPhil full-time over 12 months and a PhD full-time over a further 24 months.

Treated as a valued and integral part of the Electronics and Electrical Engineering research community, you will benefit from specialist supervision in:

- New materials and devices for future microelectronic industry

- New characterisation techniques for VLSI devices
- Qualification, modelling and aging prediction
- Development of advanced techniques for variables-speed electric drives
- Development of control techniques for power electronic converters
- Modelling, simulation and experimental characterisation of power electronic converters and variable speed drives

We invite all doctoral students to attend and contribute to the department's extensive seminar programme, which attracts speakers from LJMU and other higher education and research institutions across the UK and internationally.

Staff and students also widely disseminate their research findings through participation at key international research gatherings and publication in peer-reviewed journals.

For more information, please visit ljmu.ac.uk/research

Department of Maritime and Mechanical Engineering

DRONE TECHNOLOGY AND APPLICATIONS

MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 in a numerate-based discipline such as engineering, physics, mathematics or computer science. Other disciplines will be accepted with proof of sufficient technical and numerate skills. All applicants must supply a reference. Non-standard applications are welcome.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Christian Matthews
C.Matthews@ljmu.ac.uk

Completing this programme of study will give you the knowledge and practical skills required to become a technical specialist in Drone applications.

WHY STUDY THIS COURSE AT LJMU?

Drone technology and its applications are proving to be one of the most disruptive technologies of the early 21st century. This specialist programme provides you with a route to becoming a technical specialist in an exciting and growing field.

A practical degree, this programme teaches you to work with real drone hardware and payloads. You will develop the expertise required to deploy this technology in a range of industrial, scientific and civil applications. You will also gain an understanding of the current and emerging legal and regulatory frameworks that govern drone technology in the UK.

This programme is delivered by active researchers who have practical experience of drone operations in the UK and Europe. This ensures that course content is up-to-date and that it is based on state-of-the-art technical knowledge that is informed by recent operational experience.

You will study the following modules:

- Drone Technology
- Drone Operations
- Drone Construction
- Fixed Wing Flight
- Drone Applications
- Sensors and Data Analysis
- Research Skills
- MSc Project

TEACHING AND ASSESSMENT

Teaching is provided through a combination of lectures, tutorials and practical exercises. You will be assessed through a combination of written reports, practical assessments and periodic tests. There are no final examinations on this programme.

GRADUATE EMPLOYMENT

As a graduate of this programme, you may go on to work with a range of organisations across the industrial, scientific and civil sectors. Your masters degree will have an emphasis on drone applications and payload technologies, which mean that you will be well placed to secure employment in one of a range of sector roles. Sector roles which may be available include: consultancy, utilities, transport, maritime, agriculture, retail, security, conservation, cultural heritage or the media.

INTERNATIONAL TRANSPORT, TRADE AND LOGISTICS

MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree in a relevant subject, or an equivalent professional qualification such as a UK Class 1 Master Mariner or Chief Engineer certificate of competence, or non-UK equivalent.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Dr Robyn Pyne
E.M.Pyne@ljmu.ac.uk

Gain advanced logistics knowledge and management skills with this masters in International Transport, Trade and Logistics, which offers excellent opportunities with global partners.

WHY STUDY THIS COURSE AT LJMU?

LJMU is home to an international centre of excellence in maritime education and professional training and is one of only four or five locations in the UK where you can study for this kind of programme. In the 2014 REF, some 95% of research submitted by the Department was internationally recognised, classed as world leading or of international importance.

The British maritime education system is very well-respected worldwide and LJMU has been offering maritime and logistics courses for almost 125 years. If you want to progress to or are already working in the global trade sector it is very important to forge international links for your career. The reputation of our programmes ensures that LJMU has well-established connections with industry and the worldwide maritime research sector.

This internationally respected masters qualification offers access to a world-renowned research institute and the contacts to build your future. It equips you to develop a career in the vitally important global logistics world and, on graduation, you can look forward to a host of employment opportunities.

You will study the following modules:

- MSc Project
- Export Trade Law
- Global Transport Systems
- International Trade
- Legal Principles
- Logistics Systems
- Operations Research
- Preparing for Project
- Research Skills

- Supply Chain Modelling
- Maritime Law
- Maritime Security
- Port Administration
- Port Business Strategy
- Project Management

TEACHING AND ASSESSMENT

You will gain knowledge on this course through lectures and directed student-centred learning. You will also have the opportunity to complete open-ended reports and project work to demonstrate your understanding of topics. Assessment is through a combination of coursework in the form of case study reports and assignment submissions and, where appropriate, short class tests. Some modules also include testing of problem solving skills through a combination of unseen written exams.

GRADUATE EMPLOYMENT

The Department of Maritime and Mechanical Engineering has a great employability record. Career opportunities in this sector are excellent and the skills provided on this MSc will enable you to move into the management of goods flow on a global scale. Potential employers include: logistics companies, transport companies involved with international trade, goods producers and suppliers, governmental bodies and consultants.

MARINE AND OFFSHORE ENGINEERING

MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree, or an equivalent professional qualification such as a Maritime Coastguard Agency Class 1 (Marine Engineer) certificate of competence, or a non-UK equivalent.
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100
Programme Leader: Dr David Allanson D.R.Allanson@ljmu.ac.uk

This Marine and Offshore Engineering masters is closely aligned with our leading marine research institute. We have a long history of high quality teaching in this subject area, preparing students for a successful maritime career.

WHY STUDY THIS COURSE AT LJMU?

Accredited by the Institution of Engineering and Technology (IMechE), this programme meets Chartered Engineer requirements. It also has close industry links and is widely recognised by employers as meeting the standards required to succeed in this fast-paced industry.

LJMU is home to an international centre of excellence in maritime education and professional training. Our expanding and internationally acclaimed marine and offshore engineering research underpins the programme, ensuring the curriculum reflects contemporary practice and thinking within the sector.

The programme combines leading-edge academic education with professionally relevant practical training. At the beginning of your masters, you can take optional modules to prepare for the high-level application of analysis tools.

Throughout the course, you will study alongside motivated and experienced marine and offshore engineering students with a broad range of employment experience. Due to the excellent support we offer to international students, we regularly welcome students from Asia, Africa and EU countries such as Greece, France and Germany. We also welcome those who want to change their specialism to marine and offshore engineering from another engineering discipline.

Indeed, whatever your reason for joining the programme, you can be sure that this masters will make it easier for you to gain promotion and enhance your career profile with additional marine and offshore engineering skills.

You will study the following modules:

- MSc Project
- Research Skills
- Marine Design Engineering
- Offshore Engineering
- Maritime and Offshore Safety Analysis

Optional modules are also available covering topics such as:

- Finite Element Analysis
- Computational Fluid Dynamics
- Alternative Energy Systems
- Advanced Materials Engineering
- Operations Research
- Project Management
- Modelling and Simulation

TEACHING AND ASSESSMENT

You will gain knowledge and skills on this course through lectures and directed student-centred learning. You will also have the opportunity to complete open-ended reports and project work to demonstrate your understanding of topics. Assessment is via a combination of unseen written exams and assessed coursework in the form of case-study reports and coursework assignment submissions. Practical skills are assessed through case-study coursework reports, group and individual projects, research reports and oral/written exams.

GRADUATE EMPLOYMENT

The Department of Maritime and Mechanical Engineering has an excellent employability record. As a graduate on this programme, you will be highly sought after by employers and will have the skills to enter senior positions with major UK and international companies. Industry positions in small and large companies require a good technical understanding and strong interpersonal skills. A large percentage of Marine and Offshore Engineering graduates are employed by Lloyd's of London. As a postgraduate of this course, however, you will also be well-qualified for consultancy and government body work.

ACCREDITATION



MARITIME OPERATIONS MANAGEMENT

MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree in a relevant subject, or an equivalent professional qualification such as a UK Class 1 Master Mariner or Chief Engineer certificate of competence, or non-UK equivalent.
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100
Programme Leader: Dr Robyn Pyne E.M.Pyne@ljmu.ac.uk

This MSc is offered by LJMU's international centre of excellence. It is founded on strong links with industry, in the UK and internationally.

WHY STUDY THIS COURSE AT LJMU?

The British maritime education system has an international reputation for excellence and LJMU is one of only four or five institutions in the UK where you can study on this kind of programme. Situated in the famous port city of Liverpool, LJMU has been offering maritime education for almost 125 years. The Department of Maritime and Mechanical Engineering offers internationally respected qualifications, access to a world-renowned research institute and essential contacts to build your career.

This industry-relevant Maritime Operations Management masters is designed to meet the changing needs of the global maritime industry. It is informed by world-leading research plus extensive links with industry. You will gain the tools to manage ports, shipping operations, maritime law and maritime safety. During your studies you will visit ports, ships, insurance underwriters, P & I Club and the IMO. Industrial visits are an important part of the course, enabling you to understand the latest developments in the market. You will also build your links with industry via the regular speakers who visit us throughout the year in conjunction with professional bodies. On graduation, you will have the skills you need to secure positions at the highest level within this competitive worldwide industry.

You will study the following modules:

- MSc Project
- Legal Principles
- Marine Insurance
- Maritime Business and Management
- Maritime Finance and Economics
- Maritime Law
- Operations Research
- Preparing for Project
- Research Skills
- Information Management and Communication Systems

Optional modules are also available covering topics such as:

- Export Trade Law
- Global Transport Systems
- International Trade
- Logistics Systems
- Maritime Security
- Port Administration
- Port Business Strategy
- Project Management
- Supply Chain Modelling

TEACHING AND ASSESSMENT

Teaching on this course comprises lectures and directed student-centred learning. You will also complete open-ended reports and project work to demonstrate your understanding of topics. Assessment is via a combination of coursework with case study reports, assignment submissions and short class tests. Some modules also test problem solving skills through a combination of unseen written exams.

GRADUATE EMPLOYMENT

LJMU has an excellent employability record with 96% of postgraduates in professional or managerial roles six months after graduation. During your studies here, you will be encouraged to participate in professional development activity via institute events. On graduation, you can look forward to consultancy and management roles in shipping companies, the marine insurance industry, ship broking and ship management.

PORT MANAGEMENT

MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 honours degree in an engineering discipline, or an equivalent professional qualification with relevant work experience.
IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100
Programme Leader: Dr Robyn Pyne E.M.Pyne@ljmu.ac.uk

Ports are a crucial part of the growing international logistics industry. This programme concentrates on the business side of the field including modules on the role of international trade and the logistics sector.

WHY STUDY THIS COURSE AT LJMU?

Study for this masters at LJMU's international centre of excellence in maritime education and professional training. The British maritime education system is very well respected internationally and this course attracts students from all over the world. LJMU is one of just a few places in the UK where you can undertake this kind of quality masters programme. Indeed, the Department has been offering first class maritime training for almost 125 years. Studying with us will provide you with an internationally respected masters qualification, access to a world-renowned research institute and essential contacts to build your future career.

Our research in maritime logistics and freight transportation is managed under the aegis of the Liverpool Logistics, Offshore and Marine (LOOM) Research Institute which, over the past decade, has made significant contributions to the modernisation and productivity of the marine industries. Our research directly influences what you will study on your masters, helping to ensure the curriculum reflects current and emerging industry demands for skilled professionals. Our highly qualified and respected academic team offer both extensive specialist knowledge and relevant industrial experience. This combination of academic and professional expertise will help you to meet the opportunities and challenges of this expanding sector.

You will study the following modules:

- MSc Project
- Global Transport Systems
- Legal Principles
- Logistics Systems
- Operations Research
- Port Administration
- Port Business Strategy
- Preparing for a Project
- Research Skills
- Information Management and Communications Systems

Optional modules are also available covering topics such as:

- Export Trade Law
- International Trade
- Marine Insurance
- Maritime Business and Management
- Maritime Finance and Economics
- Maritime Law
- Maritime Security
- Project Management
- Supply Chain Modelling

TEACHING AND ASSESSMENT

You will gain knowledge on this course through lectures and directed student-centred learning, such as case studies. You will also need to complete open-ended reports and project work to demonstrate your understanding of topics. Assessment is through a combination of coursework including case study reports, assignments and short class tests. Some modules also include problem solving tests through unseen written exams.

GRADUATE EMPLOYMENT

This programme is ideal preparation for a career in worldwide port management, leading to opportunities in: container and bulk port operations; port personnel, management, law and security as well as the wider aspects of shipping.

UNMANNED AIRCRAFT SYSTEMS DESIGNS

MSc

Study full-time over one year

Entry Requirements: Minimum 2:1 honours degree or equivalent in an engineering subject or 2:2 honours degree with appropriate industrial experience.

IELTS: 6.0 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Mohamed Kara - Mohamed

M.KaraMohamed@ljamu.ac.uk

Unmanned aircraft are rapidly emerging as a disruptive technology across a range of civil, industrial and scientific applications. This programme provides specialisation for engineers to develop their knowledge and skills in a growing technological field.

WHY STUDY THIS COURSE AT LJMU?

The programme combines taught content with practical work and simulation. You will develop your expertise in aircraft design, flight dynamics and simulation. You will also learn about safety and reliability in both design and operation of unmanned aircraft systems. In order to appreciate the diverse requirements of unmanned aircraft systems, you will be provided with recent case studies which demonstrate how this technology is being deployed in a range of industries and applications.

The programme is delivered by active researchers who are experts in unmanned aircraft design, aircraft simulation and UAV deployment. This ensures that course content is up-to-date and that it is based on state-of-the-art technical knowledge which is informed by recent experience.

You will study the following modules:

- Project
- Research Skills
- Safety and Reliability
- Aircraft Systems Design A
- Aircraft Systems Design B
- Flight Dynamics and Simulation
- Drone Applications
- Sensor and Data Analysis

TEACHING AND ASSESSMENT

You will be taught via lectures, tutorials, seminars, activity-based learning, group discussions, panel sessions, and inverted classroom learning.

You will be assessed through a combination of written reports, practical assessments and periodic tests. There are a small number of examinations on this programme.

GRADUATE EMPLOYMENT

As a graduate of this programme, you will be well placed to secure a professional role in the design, development or deployment of unmanned aircraft in one of the growing number of civil, industrial and scientific organisations which are using this emerging technology.

As this is an emerging technological field, there is also significant academic research being conducted in this subject area. Graduates with a good MSc degree may be well placed to secure funded PhD studentships for further study.

RESEARCH OPPORTUNITIES

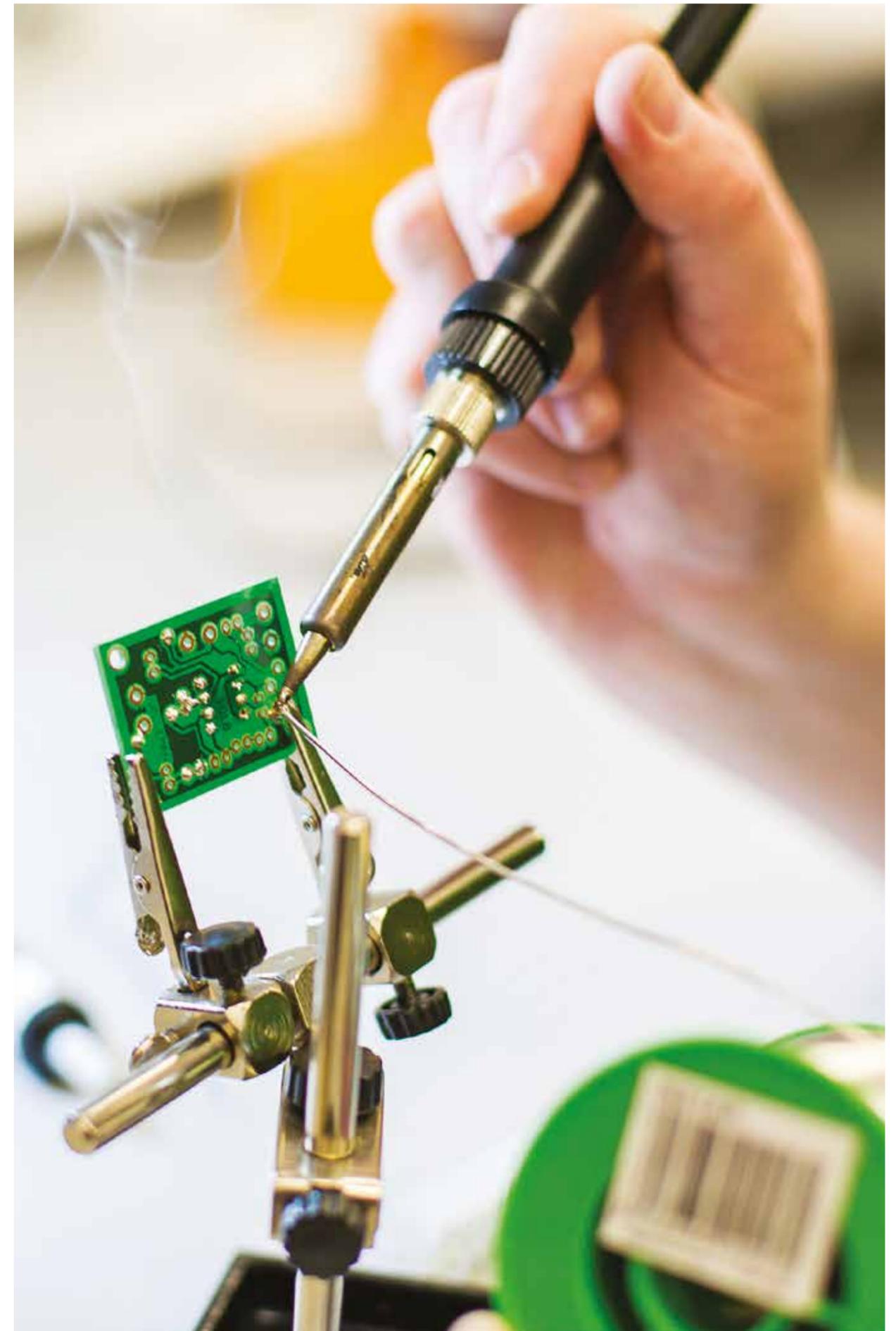
Carry out research in a highly-rated and supportive environment, accessing world-class facilities and support from acclaimed experts. You can study for an MPhil full-time over 12 months. The PhD can be studied full-time over a further 24 months.

The Department of Maritime and Mechanical Engineering provides specialist laboratories, a stimulating working environment and first class supervision in:

- Marine and offshore engineering
- Operational research and simulation
- Maritime transport and logistics
- Marine risk and safety management
- Advanced manufacturing technology
- Mechanical design and analysis

For further information, please visit:

ljamu.ac.uk/research



Faculty of Science

- School of Biological and Environmental Sciences
- School of Pharmacy and Biomolecular Sciences
- School of Sport and Exercise Science

School of Biological and Environmental Sciences

BIOLOGY OF HEALTH AND DISEASE

MSc

Study full time over one year

Entry Requirements: Minimum 2.2 honours degree in a relevant discipline, such as Biology, Zoology and Animal Biology, Pharmacy, Biochemistry, Ecological Sciences, Molecular and Cellular Biology, Genetics, or Microbiology

IELTS: 6.5 (minimum 6.0 in each component)

Fees: £16,100

Programme Leader:
Fatima Perez De Heredia Benedicte
F.PerezDeHerediaBenedicte@ljmu.ac.uk

WHY STUDY THIS DEGREE

Explore the molecular, cellular, physiological and ecological mechanisms underlying the maintenance of health and development of disease in plants, animals and humans.

The Biology of Health and Disease goes beyond the traditional view of symptoms-treatment. A wide diversity of organisms, from plant to invertebrates to mammals and humans, are key components of the programme.

You will study on the following modules:

- Research Project
- Research Methods and Statistics
- Omics in Health and Disease
- Current Topics in Physiology and Metabolism
- Parasites, Pathogens and Infection
- Food Security, Nutrition and Health
- Neuro-Endocrinology

TEACHING AND LEARNING

You will attend a wide variety of sessions, including lectures, seminars, journal clubs, workshops, laboratory practicals and computer practicals. In addition, you will have individual meetings with your supervisor for guidance and support.

To cater for the wide-ranging content of our courses and the varied learning preferences of our students, we offer a range of assessment methods on each programme. Assessment techniques vary from module to module to reflect relevant assessment approaches and the key learning points of each topic.

GRADUATE EMPLOYMENT

LJMU has an excellent employability record with 96% (HESA 2017) of our postgraduates in work or further study six months after graduation. With this course, you will gain the skills required to pursue a career as an academic or to work in clinical settings, such as the human and veterinary fields. You may also wish to pursue a career in research departments in the private sector, such as the pharmaceutical industry or food industry.

BRAIN AND BEHAVIOUR

MSc

Study full time over one year

Entry Requirements: Minimum 2.2 or above in a relevant scientific discipline, such as Psychology, Biology, Zoology, Neurobiology/ Neuroscience or Animal Behaviour

IELTS: 6.5 (with minimum 5.5 in each component)

Fees: £16,100

Programme Leader:
Susannah Walker
S.C.Walker@ljmu.ac.uk

WHY STUDY THIS DEGREE

This Masters in Brain and Behaviour covers the true breadth of this multidisciplinary field, from ion channels to human behaviour. Through hands on experiential learning, you will gain a cutting-edge grasp of nervous system structure and function and an appreciation of the field's real life applications in the clinic and beyond.

You will develop key transferable skills in the design, analysis and presentation of neuroscientific and behavioural studies, equipping you with a strong foundation for pursuing a career in a range of research settings in both academia and the private sector.

You will study in state-of-the-art facilities, including psychology and neuroscience labs including: fNIRS; 64 and 128 channel EEG; psychophysiological measuring equipment, including Skin Conductance (SC), heart rate, electrocardiogram (ECG); Transcranial Direct Current Stimulation (tDCS); Transcranial Magnetic Stimulation (TMS); TOBI eye tracker and fully equipped sensory testing laboratories. You will also experience brand new, fully equipped molecular and cellular biology laboratories for conducting: gene sequencing and DNA expression analysis; protein expression analysis; metabolite analysis and tissue culture labs.

You will study the following modules:

- Research Methods and Statistics
- Current Methods in Brain and Behaviour
- Somatosensory Systems
- Applied Neuroscience
- Neuroendocrinology
- Cognitive Neuroscience
- Research Project

TEACHING AND LEARNING

Teaching will be delivered between two and three days per week, according to the requirements of your practical sessions. It is recommended that you dedicate 35 hours per week to study, combining both scheduled sessions and independent study. You will lead on organising laboratory/computer work for your Research Project, in consultation and collaboration with your project supervisor.

GRADUATE EMPLOYMENT

LJMU has an excellent employability record with 96% (HESA 2017) of our postgraduates in work or further study six months after graduation.

You will gain the skills to pursue a research career as a university academic or in research departments in the private sector, such as the pharmaceutical industry or consumer goods industry.

ENVIRONMENTAL SCIENCE AND DRONE APPLICATIONS

MSc

Study full-time over one year

Entry Requirements: 2:1 degree in geography or a related field. Alternative qualifications, coupled with a significant period of relevant work experience will also be considered.

IELTS: 6.5 overall (minimum 6.0 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Laura Edwards
L.A.Edwards@ljmu.ac.uk

This masters in Environmental Science and Drone Applications provides a unique opportunity to study environmental change, drones, Geographic Information Systems (GIS) and Remote Sensing (RS) technologies.

WHY STUDY THIS COURSE AT LJMU?

This new programme has been developed to help meet increased demand for graduates with experience in drones and/or the skills required to work in and conduct research into environmental science and climate change.

The programme is interdisciplinary in nature, drawing on drone, GIS and RS technologies and how they can be applied to understand the physical, biological and chemical changes underlying environmental change. The programme has a strong focus on practice-based learning. This allows students to gain not only advanced theoretical knowledge and understanding, but also the practical skills required to work in industry, local government or doctoral and postdoctoral research. You will receive extensive practical experience with drone and GIS industry standard software, as well as having the opportunity to fly drones. In addition, real-world examples are utilised on the programme enabling you to undertake postgraduate research on topics that will contribute to academic research development. The programme is delivered by research-active academics with expertise in the fields of climate change, environmental science, geography and drones and is taught in brand new, state-of-the-art teaching facilities.

You will study the following topics:

- Drone Technology and Operations
- Environmental GIS and Remote Sensing
- Programming for Environmental Scientists
- Overseas Field Experience
- Research Methods
- Research Thesis

TEACHING AND ASSESSMENT

Teaching will include classroom, laboratory and field-based learning. A hands-on approach is taken, with emphasis on practical skill development. GIS skills, drone flying and data acquisition and processing are key components of this course and significant time is spent developing these skills. Quantitative and qualitative research methods are taught to help students develop their skills further and ultimately enable them to produce a research dissertation.

GRADUATE EMPLOYMENT

Environmental science and climate change are currently high on the political agenda while commercial drone operation has been predicted to be one of the fastest growing industries of the 21st century by consulting group, Price Waterhouse Coopers. Graduates with skills in drone, GIS and RS technologies are therefore highly sought after by a range of employers. You may go on to work for consultancies, commercial space agencies, software companies developing GIS software, local authority planning departments, agricultural organisations, the defence sector, TV and film industry, environmental regulatory and management organisations.

FORENSIC ANTHROPOLOGY

MSc

Study full-time over one year

Entry Requirements: Good second-class honours degree in anthropology, anatomy, forensic sciences, or a related discipline plus an academic reference.
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100
Programme Leader: Dr Matteo Borrini M.Borrini@ljmu.ac.uk

This masters programme provides the skills and knowledge necessary for a career in forensic anthropology. During your studies, you will gain hands-on experience in the field and carry out novel research.

WHY STUDY THIS COURSE AT LJMU?

This MSc in Forensic Anthropology focuses on: the skills and knowledge required in the search for missing people, the recovery of evidence and human remains from clandestine graves and the identification of unknown corpses by osteological analysis. Developed by leading researchers, the programme aims to help you understand the:

- use of techniques from physical anthropology to analyse and identify human remains
- medico-legal parameters and techniques for the recovery and identification of human remains
- stratigraphic excavation techniques required to solve missing person cases
- reconstruction of aspects of human identity and osteobiography from the skeleton
- physical settings and contexts in which human remains are found
- courtroom skills necessary to present the result in a trial

The course builds on scientific learning from undergraduate level and provides the opportunity to demonstrate field research acumen. You will learn from and work with lecturers that are also practitioners in the field, specialising in topics including: forensic anthropology, forensic sciences and genetics. The calibre and research standing of our academic staff will provide you with valuable experience and connections for your career.

During your studies, you will benefit from specialised forensic science labs and facilities. The recently refurbished bioarchaeology facilities hold analytical equipment for: morphometric analysis, digital radiography and 3-dimensional imaging as well as an extensive human skeletal collection which you will have access to for teaching and research. This is one of the few places where you can work daily with human bones and, to build on this opportunity, we offer an optional module in skeletal anatomy.

You will study the following modules:

- Taphonomy and Trauma Analysis
- Law and Court Room Skills
- Human Identification and Forensic DNA
- Forensic Research Methods
- Dissertation
- Advanced Osteology and Skeletal Pathology (option)
- Fire Investigation (option)
- Dental Anthropology (option)
- Forensic Bioscience (option)

TEACHING AND ASSESSMENT

You will be taught via a series of lectures, seminars, tutorials, case studies and a five-month research project. This will develop your knowledge and understanding of concepts and theories applicable to the analysis of human remains from forensic contexts. Individual feedback is given on all work submitted. Assessment methods include a combination of seen/unseen exam papers with essay and interpretative style questions and coursework featuring: laboratory reports, essays, case studies, oral exams, poster presentations, scientific paper production, e-portfolio, problem solving exercises and the project thesis. Critical analysis and problem solving skills are embedded in all modules and are taught, developed and practised through workshops, formative assessment exercises and project work. Experimental, research and design skills are developed and practised through a broad range of coursework activities, laboratory work and project work. Practical skills are assessed via the expert witness statement and oral defence elements of the law and courtroom skills module.

GRADUATE EMPLOYMENT

Completing this MSc will give you the skills to continue into academic research or forge a career as a forensic anthropologist. Working in forensic anthropology and related fields, you may be employed by forensic companies, police departments, universities, museums, industry and government laboratories. Forensic Anthropology techniques are also used in archaeological excavations to recover human remains in the UK and abroad and offer another potential field of employment. A masters degree also offers the possibility to take your studies further with an MPhil or PhD.

PRIMATE BEHAVIOUR AND CONSERVATION

MSc

Study full-time over one year

Entry Requirements: Good second-class honours degree in biology, conservation, animal behaviour, zoology, ecology or similar, plus an academic reference.
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100
Programme Leader: Dr Emily Bethell E.J.Bethell@ljmu.ac.uk

The MSc Primate Behaviour and Conservation covers contemporary issues in primate behaviour and conservation and has a strong focus on providing students with a thorough understanding of the whole research cycle.

WHY STUDY THIS COURSE AT LJMU?

Postgraduate knowledge and skills are strongly advised for a career in this dynamic and applied scientific field and LJMU provides insight into cutting-edge technologies for primate research and conservation. Delivered by world experts in the field of primate behaviour, welfare and conservation, this programme will develop your skills to become a professional primatologist and support a range of in-situ and ex-situ conservation efforts. During your studies, you will gain a deep understanding of the literature and latest developments in research, as well as developing critical thinking and highly sought after practical skills. The programme features an overseas field trip* enabling you to practice and develop advanced skills in behavioural observation, non-invasive sampling of health and welfare indicators and conservation monitoring. You will design and complete a primate field study using the latest software packages, such as ArcGIS, R, Distance.

As a student on this course, you can look forward to state-of-the-art teaching and laboratory facilities (including genetics, drone and GIS facilities) and excellent links with partners in industry and field sites in Asia, Africa, Central America, Europe and the UK. Such connections will give you the opportunity to develop and extend your professional networks during your course. As part of your studies, you will be encouraged to attend and present your work at national and international conferences, and to publish your research in scientific journals.

You will study the following modules:

- Primate Behaviour and Conservation
- Research Methods
- Survey, Mapping and Field Skills*
- Dissertation
- Contemporary Methods in Primatology
- Field Methods in Primate Behavioural Ecology

* The overseas field trip to Tanzania is included in the fees – this is a fantastic opportunity to observe animals in the wild. You will be able to practice and develop advanced skills in behavioural observation and conservation monitoring. The airfare, site accommodation and site costs are paid by Liverpool John Moores University. You will be required to meet other potential costs, such as field clothing, visas and immunisations if required.

TEACHING AND ASSESSMENT

This programme focuses on practice-based learning through: lectures, seminars, workshops, student-led discussion groups, laboratory and fieldwork. Statistics will be taught primarily using the software package IBM-SPSS and R. Teaching of statistics on the Research Methods module is conducted in SPSS. Students are expected to already have knowledge of basic statistical tests such as t-tests, Mann-Whitney and Wilcoxon tests, correlation, regression and ANOVA. Students who are not confident in basic statistics, or have not used SPSS before, must attend additional sessions run by the library before the Research Methods module starts. Additional support is available for students with no prior experience of SPSS, or who struggle with statistics, and it is up to students to register for extra training after enrolling on their programme of study. Self-guided study is a key requirement at MSc level, so you will have the flexibility to organise your study time outside of contact hours. You will be assessed through written, oral and practical assignments including project reports and seminar presentations. Your dissertation will demonstrate your aptitude for progressing your career in this discipline.

GRADUATE EMPLOYMENT

The quality of research and teaching on this course means that you will graduate with knowledge of the latest theoretical developments and advanced practical skills and access to a host of international professional networks. You will have the skills and experience to pursue an academic career or work for: national or international wildlife conservation NGOs; national or international environmental consultancy companies; environmental government bodies; zoos; wildlife parks; sanctuaries or reserves.

WILDLIFE CONSERVATION AND DRONE APPLICATIONS

MSc

Study full-time over one year

Entry Requirements: Good second-class honours degree in biology, conservation, animal behaviour, zoology, ecology or similar, plus an academic reference. Non-standard applications are welcome.
IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.
Fees: £16,100
Programme Leader: Dr Serge Wich S.A.Wich@ljmu.ac.uk

Explore contemporary wildlife conservation on this masters delivered by world experts in wildlife conservation and drone technology. Learn field skills during an overseas field trip and conduct your own conservation research project.

WHY STUDY THIS COURSE AT LJMU?

Wildlife conservation is an exciting field of study that has important implications for the way we manage our world. With an increasing global population, conserving our wildlife becomes more complicated. It is essential that conservation workers use technology such as drones to obtain data for their projects in a cost-efficient way. A postgraduate degree is highly recommended for a career in this field so that you can demonstrate the necessary theoretical background and practical skills. LJMU is the only UK university to offer a masters degree in cutting-edge drone technology applications for wildlife conservation. The programme will provide you with advanced skills in this area and will teach you to maintain and operate drones, using sensors to obtain and analyse data. Delivered by world-leading experts in the field of wildlife conservation and drone technology, the programme features an overseas field trip* enabling you to practice and develop an international conservation project using the latest software packages, such as ArcGIS, R, and Distance.

LJMU boasts world-class teaching and laboratory facilities (including state-of-the-art drone, genetics and GIS facilities). During your studies, you will have 24-hour computer access, access to specialist software and, of course, the LJMU library, which has an extensive collection of online, and hardcopy book, journal and internet resources.

You will study the following modules:

- Wildlife Conservation
- Survey, Mapping and Field Skills*
- Drone Technology and Operations
- Research Methods
- Dissertation

*The overseas field trip to Tanzania is included in the fees – this is a fantastic opportunity to observe animals in the wild. You will be able to practice and develop advanced skills in behavioural observation and conservation monitoring. The airfare, site accommodation and site costs are paid by Liverpool John Moores University. You will be required to meet other potential costs, such as field clothing, visas and immunisations if required.

TEACHING AND ASSESSMENT

The programme places a strong emphasis on practice-based learning through lectures, seminars, workshops, student-led discussion groups and fieldwork. Statistics will be taught primarily using the software package IBM-SPSS and R. All students are expected to have a working knowledge of SPSS before they begin classes on the Research Methods module. Students are also expected to already have knowledge of basic statistical tests such as simple t-tests, Mann-Whitney and Wilcoxon tests, correlation, regression and ANOVA. Additional support is available for students with no prior experience of SPSS, or who struggle with statistics, and it is up to students to register for extra training after enrolling on their programme of study. While the programme is offered full-time, self-guided study is a key requirement at MSc level. There will be ample opportunities, during research group meetings, to discuss topics and you will have one-to-one meetings throughout the year. You will be assessed via written, oral and practical assignments such as project reports and seminar presentations. Practical skills will be assessed via the dissertation and oral presentations.

GRADUATE EMPLOYMENT

The course offers excellent preparation for careers in conservation research and academia. Staff have a wide range of national and international connections that can provide exciting opportunities for students during and after the course. You will be able to attend lectures and seminars by world experts in the field of wildlife conservation and make professional connections. On graduation, you may pursue a career working for national or international wildlife conservation NGOs, national or international environmental consultancy companies or environmental government bodies.

RESEARCH OPPORTUNITIES

Conduct your research alongside leading experts, using world-class labs and facilities. You can study for an MPhil full-time over 12 months, or a PhD full-time over 24 months. The School of Natural Sciences and Psychology welcomes around 12 research students every year. Most are self-funded, although a number have secured funding from the likes of: BBSRC, Glaxo Smith Kline, NERC and the Pain Relief Foundation.

We offer expert supervision plus the opportunity to join a thriving and supportive research environment where you will be viewed as a valued and integral part of our research community. You will be invited to contribute to the School's extensive research seminar programme, which attracts speakers both from LJMU and other national and international higher education and research institutions.

Our specialist areas for supervision include:

- Biological anthropology
- Animal behaviour
- Wildlife conservation
- Biological sciences
- Geography and environmental sciences
- Psychology
- Neuroscience

For more information, please visit ljmu.ac.uk/nsp

School of Pharmacy and Biomolecular Sciences

BIOMEDICAL SCIENCES

MSc

Study full-time over one year or part-time over two years

Entry requirements:

Minimum 2.2 honours degree in Biomedical Science or another related biological sciences degree or alternative qualifications with significant work experience or an international qualification that equates to UK requirements.

IELTS: 6.5 (minimum of 6.0 in each component)

Fees: £16,100

Programme Leader:

Anne Humphreys
A.M.Humphreys@ljmu.ac.uk

WHY STUDY THIS COURSE AT LJMU?

Focusing on current research and providing training in the latest technologies relevant to the biomedical services sector, this employment-centred programme prepares you for the job market and gives you a competitive edge in terms of delivering technical and practical knowledge.

Developed in consultation with representatives from the North West Biopharma and Biomedical industries, the programme's curriculum explores the latest sector advances in student-focused seminars.

Personalised medicine is a key element of the programme. You will gain an in-depth understanding of genomics – the genetic basis of disease – and will explore new approaches to diagnosis and novel therapeutics in the treatment and management of diseases.

You will study the following modules:

- Research Methods
- Medical Genetics
- Biotechnology Principles and Applications
- Cell Technology
- Diagnostics and Therapeutics
- Current issues in Biomedical Sciences
- Research Project

TEACHING AND ASSESSMENT

Teaching methods on this programme include a series of lectures, practicals, workshops, seminars, tutorials, student-centred activities and independent research.

You will be assessed via examinations, practical reports, oral presentations, critical literature reviews, your portfolio, project report and oral defence.

GRADUATE EMPLOYMENT

The School of Pharmacy and Biomolecular Sciences has an excellent employability record, which is fundamental to our close relationship with the local biosciences industry. In 2017, 100% of postgraduates were in employment or further study six months after graduation.

We expect graduates to progress to roles in diagnostics, research and development, quality assurance and production. Some graduates may choose to further their academic career by progressing onto a PhD.

COMPUTATIONAL TOXICOLOGY

MSc

Study full time over one year

Entry requirements:

Minimum 2:2 honours degree in Chemistry, Pharmaceutical Science, Biomedical Science, Medicinal Chemistry or related disciplines such as Pharmacy, Biochemistry, Human Biology, Pharmacology, Physiology or Toxicology.

IELTS 6.5 (minimum 5.5 in each component)

Fees: £16,100

Programme Leader

Judith Madden
J.C.Madden@ljmu.ac.uk

WHY STUDY THIS COURSE AT LJMU?

This unique programme of study has been specifically designed, in collaboration with leading employers and experts from industry, business, regulatory authorities and academia, to meet a recognised need for skilled graduates in the field of computational toxicology.

Explore how computational toxicology can be used as an alternative to animal testing. Discover how it can help predict the toxicity of chemicals that humans and the environment are exposed to – from ingredients in food and cosmetic products through to drugs and pollutants.

The course offers training in the use of state-of-the-art tools employed by industry, research organisations and regulatory authorities to inform decisions concerning the safety of chemicals.

You will gain practical experience and understanding of the computational approaches used to predict the toxicity of chemicals by applying knowledge of chemical structure alone. You will also learn how these methods are applied and assessed and how information is brought together to make decisions concerning the safety of chemicals in everyday use. The programme employs real-world examples of safety-assessment strategies that are used in industry and by regulators.

You will study the following modules:

- Computational Approaches at the Chemical-Biological Interface
- Physiology and Toxicology
- Research Methods
- Computational Methods 1: Data and (Quantitative) Structure-activity Relationships
- Computational Methods 2: Expert Systems, Read-across and Complex Models
- Safety-Based Decision Making
- Research Project

TEACHING AND ASSESSMENT

The course is delivered by internationally recognised experts in computational toxicology. Tutors have extensive experience of teaching and research, using bespoke computational resources.

Teaching methods on the course include lectures, workshops, tutorials, seminars, problem-based learning and computer-based exercises. Your progress will be assessed via exams and coursework, including written reports, oral and poster presentations and the completion of a dissertation based on your research project.

GRADUATE EMPLOYMENT

The School of Pharmacy and Biomolecular Sciences has a great employability record. In 2017, 100% of postgraduates were in employment or further study six months after graduation.

Graduates from the programme will be qualified for employment in a wide range of sectors with a specific skills shortage, such as the chemical, pharmaceutical and personal care product industries, as well as within regulatory agencies.

Career opportunities are also available in the business sector where employers recruit masters graduates with transferable skills in areas such as scientific methodology and data analysis. Alternatively, graduates may choose to further their academic career by undertaking a PhD in computational toxicology.

COSMETIC SCIENCE

MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 in pharmacy, pharmaceutical sciences, chemistry, microbiology or related science disciplines.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:

Dr Imran Saleem
I.Saleem@ljmu.ac.uk

The MSc in Cosmetic Science is designed to educate, train and cater for the high demand from companies seeking postgraduate students with expertise in formulation, testing and regulations related to the cosmetics industry in the UK and globally.

WHY STUDY THIS COURSE AT LJMU?

LJMU is currently the only institution in the UK offering an MSc in Cosmetic Science. You will learn in a supportive and flexible academic environment, studying at the Byrom Street site, right in the heart of Liverpool city centre. The programme curriculum has been designed in consultation with industry to enable students to develop the higher-level academic knowledge and practical skills required by companies involved in the manufacture and distribution of cosmetics. Graduates will be able to assist employers in successfully producing and marketing new products, as well as being equipped to start their own business creating new products and brands. There may also be opportunities to undertake a research project at a cosmetic science company as part of the programme.

You will study the following modules:

- Research Methods
- Formulation and Characterisation of Cosmetics
- Physiology and Toxicology
- Safety Assessment of Cosmetics
- Manufacture of Cosmetics
- Business Planning for Cosmetic Products
- Research Project

TEACHING AND ASSESSMENT

Learning, teaching and assessment on this MSc have been designed to introduce new concepts, ideas and methods, whilst also encouraging students to become independent thinkers. This will be achieved by delivering course content via a combination of interactive lectures, workshops, seminars and project work. Practical skills are developed via: practical activities, demonstrations, project work and seminars with both internal and external speakers. Assessment is via a combination of exams and coursework including: laboratory reports, essays, oral and poster presentations, research project reports, problem solving exercises and case studies.

GRADUATE EMPLOYMENT

LJMU has an excellent reputation for employability and, in 2015, 97% of postgraduates from the School of Pharmacy and Biomolecular Science were in employment or further study six months after graduation. This programme offers a coherent and progressive education, providing expertise and knowledge in formulation, testing, regulation and licensing ready for employment in the cosmetics and related industries. Although the majority of graduates will go on to secure employment in cosmetic and perfumery companies, there is also the option to progress your academic studies by studying for a PhD.

FORENSIC BIOSCIENCE

MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 in science, including forensic science

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:

Suzanne McColl
S.M.McColl@ljmu.ac.uk

This masters in Forensic Bioscience is ideal for forensic science practitioners and science graduates thanks to its research-informed curriculum and state-of-the-art learning facilities.

WHY STUDY THIS COURSE AT LJMU?

Unique in the North West, this expert-led masters programme focuses on the biological aspect of forensics and is informed by research and industry links. Developing analytical, critical and problem solving skills, you will become a creative problem solver. You will also enhance your independent research skills, going on to enjoy excellent career development opportunities in forensic and analytical biosciences. With regular lectures from professional practitioners, the curriculum is directly informed by the latest developments and entirely relevant to the needs of today's employers. You will learn from forensic anthropologists, biologists, crime scene specialists, fire investigation specialists and leading in-house academics and will benefit from a local, national or international work placement.

You will explore emerging and specialist disciplines as well as extending your understanding of current and biological techniques and practice. You will also develop transferrable skills in legal matters and research methods and be able to specialise in your chosen area of interest.

Programme tutors are all leading researchers in their field and regularly represent the University at national and international level. Special areas of expertise include: drug analysis, fingerprints, ballistics, DNA and anthropology. As a student on this programme, you will be based at the Byrom Street site of the City Centre Campus where you will enjoy access to state-of-the-art laboratories, crime scene facilities and a moot room.

You will study the following modules:

- Forensic Bioscience
- Law and Court Room Skills
- Research Methods
- Bioanalytical Techniques
- Taphonomy and Trauma Analysis
- Research Project

Optional modules are also available covering topics such as:

- Trace Evidence Analysis
- Fire Investigation

TEACHING AND ASSESSMENT

There is a 50/50 split between theoretical and practical content and you will be taught via a mix of seminars, workshops, case studies, external visits, lectures, practical sessions and e-learning. Most modules have a combination of coursework tasks to provide a balanced schedule of activities throughout the year. Each module has specific learning objectives which are assessed by a mix of formal exams and coursework, including: paper analysis, scientific reports, dissertations, courtroom presentations and expert witness statements.

GRADUATE EMPLOYMENT

LJMU has an excellent reputation for employability. The department has an impressive range of national and international industry contacts and works closely with local police forces thus providing extensive networking opportunities and the chance to make useful contacts during your studies. On graduation, you can look forward to careers in: forensic practice, biology-based industries, trading standards and teaching/lecturing. Alternatively, you may choose to further your research career, concentrating on specific areas of forensic science such as DNA analysis or entomology.

INDUSTRIAL BIOTECHNOLOGY MSc

Study full-time over one year

Entry Requirements: Minimum 2:2 in biological sciences or alternative qualifications with significant appropriate work experience.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Dr Mark Murphy
M.F.Murphy@ljmu.ac.uk

Study for this masters in Industrial Biotechnology and develop the skills and knowledge required for a career in this rapidly expanding field. This stimulating course includes a 12 week, full-time research project.

WHY STUDY THIS COURSE AT LJMU?

Developed to plug a skills gap identified by the Liverpool Enterprise Partnership and associated multi-national businesses, this programme balances theoretical learning and practical skills. Unique in the North West, this recently re-launched course prepares you to work in Biotechnology – one of the world's top five growth industries. Developed and delivered by leading researchers and industry experts, the course will enhance your theoretical knowledge, enabling you to gain hands-on laboratory experience, carrying out novel research in a university or industry setting. At the beginning of your course, you will be allocated a personal tutor who will provide you with pastoral and academic support. Further academic support is available via embedded tutorials in the Research Methods module. During your four-month independent research project, you will be appointed an LJMU-based supervisor as well as an industrial supervisor if you are carrying out your project externally. As a student on this programme, you will be based at the Byrom Street site of the University's City Centre Campus, which is equipped with state-of-the-art laboratories housing a range of advanced analytical and imaging equipment to support biotechnology.

You will study the following modules:

- Fermentation Technology Principles
- Research Methods
- Recombinant DNA and Genomics
- Biotechnology: Principles and Applications
- Cell Technology
- Research Project

TEACHING AND ASSESSMENT

This stimulating and challenging curriculum is delivered via a structured lecture programme, tutorials, workshops, seminars, laboratory work and a 12-week research project with expert supervision. The programme is assessed via exams and coursework including: laboratory reports, essays, oral exams, poster presentations, research grant proposals, problem solving exercises, group work and the project thesis.

GRADUATE EMPLOYMENT

The School of Pharmacy and Biomolecular Sciences has a great employability record. By increasing your skills and knowledge, this masters programme prepares you for work in the fast growing biotechnology sector. You may go on

to work and study in fields such as the pharmaceutical and fermentation industries, recombinant DNA and microbial-related research laboratories. There will also be the option to work in research and development, study for a PhD or even take up a teaching post.

NATURAL PRODUCTS MSc

Study one year full-time

Entry requirements:

Minimum 2:2 honours degree in Pharmacy, Pharmaceutical Science, Chemistry or a related field. Alternative qualifications, coupled with a significant period of relevant work experience, will also be considered.

IELTS score of 6.5 (minimum of 5.5 in each component)

Fees: £16,100

Programme Leader:
Dr Mukhlesur Rahman
M.M.Rahman@ljmu.ac.uk

WHY STUDY THIS COURSE AT LJMU?

Developed as a result of the increased worldwide demand for the discovery, formulation and analysis of natural medicines, this programme prepares you for competitive jobs in pharmaceutical, chemical, phytochemical and biotechnology companies.

Adopting a practical learning approach, you will have access to state-of-the-art equipment, such as 300 and 600 MHz NMR, UV, IR, HPLC, UPLC, GC-MS and LC-MS, X-Ray crystallography, analytical and preparative HPLCs with various detectors, microscopy suits, several in vitro and ex vivo bioassay facilities.

The programme's research-led curriculum explores the latest developments in student-led sessions, seminars and workshops. Natural medicine is a key focus in this programme and you will gain an in-depth understanding of traditional medicines, the stepwise approach for the discovery of drugs from natural sources, semi-synthesis and/or total synthesis of their analogues and the formulation and quality control of natural medicines used for the treatment and management of disease.

You will study the following modules:

- Analytical Techniques in Natural Products
- Natural Products Formulation
- Natural Products Synthesis
- Research Methods and Professional Skills
- Project/Research Project and Professional Development

TEACHING AND ASSESSMENT

You will be taught through a combination of lectures, practical sessions, workshops, seminars, tutorials, student-led activities, independent research and independent study.

Assessment methods on the programme include: exams, practical reports, poster presentations, oral presentations, critical literature reviews, journal critiques, your portfolio, dissertation report and oral defence.

GRADUATE EMPLOYMENT

The School of Pharmacy and Biomolecular Sciences has a great employability record. In 2017, 100% of postgraduates were in employment or further study six months after graduation.**

Graduates with adequate skills in natural drug discovery and hands-on experience in operating state-of-art equipment would be well placed in Pharmaceutical, Phytopharmaceutical, Chemical and Biotechnological industries and also in the regulatory sector (for example, MHRA).

Besides the industrial, regulatory or consultancy sectors directly associated with the area, there is an increasing demand for masters-level students in the general business sector. Skills such as formulating a well-justified case, using carefully assessed data sources, planning and executing projects are appreciated in many different areas.

Some graduates may prefer to continue their studies in this sector at PhD level.

**Destination of Leavers from Higher Education Survey 2017.

RESEARCH OPPORTUNITIES

Conduct research alongside leading experts in world-class facilities and benefit from dedicated expert supervision. The MPhil can be studied full-time over 12 months. The PhD can be studied full-time over 24 months.

Our thriving and supportive research environment welcomes research students as valued and integral members of our research community. You will be encouraged to contribute to the School's extensive research seminar programme, which attracts speakers from LJMU and other national and international higher education and research institutions.

Expert-based supervision is available from the:

- Medicinal Chemistry and Natural Products Research Group
- Drug Delivery and Formulation Research Group
- Biomedical Sciences Research Group
- Chemoinformatic Research Group

- Chemical, Pharmaceutical and Forensic Analysis Research Group
- Clinical Pharmacy and Therapeutics Research Group

For more information, please visit ljmu.ac.uk/research

School of Sport and Exercise Science

APPLIED SPORT AND EXERCISE SCIENCE

Prof Doc

Study full time over two years

Entry Requirements: Sport science related masters qualification or an appropriate MPhil award in a sport science discipline.

IELTS: 7.0 (minimum 6.5 in each component)

Fees: £16,100

Programme Leader:
Professor Barry Drust
B.Drust@ljmu.ac.uk

This Professional Doctorate in Applied Sport and Exercise Science enables you to create and interpret new knowledge associated with your own professional practice in Applied Sport and Exercise Science.

WHY STUDY THIS DEGREE

Applied Sport and Exercise Science is an established discipline with growing opportunities for qualified professionals. This professional doctorate represents a unique opportunity to create and interpret new professional knowledge at doctoral level.

Designed to support the creation and interpretation of new professional practice, the course is focused around the competences of research, consultancy, teaching, training and generic professional skills and standards, including the ethics of applied practice. The programme offers trainees the tailored, specific support that best facilitates their own professional development. Staff who deliver the programme are leaders in their research field and have significant experience in helping trainees create and interpret a range of professional skills, specifically those associated with applied research.

In the REF 2014, the Research Institute of Sport and Exercise Sciences achieved an exceptional grade point average (GPA) of 3.57, with 62% of all research activity being ranked as 4* (worldleading, the highest possible score).

You will study the following modules:

- Professional Planning and Training for Applied Sport and Exercise Sciences
- Professional Practice in Applied Sport and Exercise Sciences
- Reflection in Applied Sport and Exercise Sciences

TEACHING AND LEARNING

Programme assessments include: a professional training audit, reports, reflections and a viva voce examination. For research, you will be expected to produce a systematic review, two publishable papers and a consultancy report.

GRADUATE EMPLOYMENT

Opportunities for professional training at doctoral level are increasingly important for vocational careers within both sport and exercise.

Indeed, employment opportunities in Applied Sport and Exercise Science have become increasingly professionalised in recent years. As a consequence there is a need for individuals to demonstrate high level professional and personal skills.

A growing number of Applied Sport and Exercise Science graduates work in applied settings as practitioners and promoters, as well as taking employment in applied sport and exercise science education, teaching and research positions.

SPORT AND EXERCISE PSYCHOLOGY

Prof Doc

Study full time over two years

Entry Requirements: Good honours degree in psychology and GBC, a BPS Accredited MSc in sport and exercise psychology – normally at merit level or higher – plus a suitable placement opportunity.

IELTS: 7.0 (minimum 6.5 in each component)

Fees: £16,100

Programme Leader:
Dr Martin Eubank
M.R.Eubank@ljmu.ac.uk

WHY STUDY THIS DEGREE

This programme is designed around small-group teaching and personal supervision to ensure trainees receive the tailored, individual support that best facilitates their own professional development. Learning is underpinned by high-grade research activity. Staff delivering the programme have significant experience in helping trainees develop the competencies required by practitioner psychologists. You will work closely with tutors who are leaders in their research field and experts in training. They provide a supportive and friendly environment to progress your training and career.

You will study the following modules:

- Planning Training in Sport and Exercise Psychology
- Sport and Exercise Psychology Professional Practice
- Reflection in Sport and Exercise Psychology

Upon graduation from this programme you should be able to demonstrate self-direction and originality in tackling and solving problems, and act autonomously in planning and implementing tasks at a professional level. You can look forward to career opportunities in Sport and Exercise Psychology professional practice and promotion, as well as education, teaching and research.

TEACHING AND LEARNING

Various assessment methods are used, including a log and diary of professional practice, case studies and reflections on each competence plus a viva voce examination. In terms of research, you will be expected to produce a number of publishable papers and submit them to peer-reviewed journals.

GRADUATE EMPLOYMENT

A growing number of Sport and Exercise Psychology graduates work in applied settings as Sport and Exercise Psychology practitioners and promoters, as well as taking employment in Sport and Exercise Psychology education, teaching and research positions. For more details on the career options for Sport and Exercise psychologists, please consult the British Psychological Society.

CLINICAL EXERCISE PHYSIOLOGY

MSc

Study full-time over one year

Entry Requirements: Minimum 2:1 in sports science, science or a related discipline.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Dr Ellen Dawson
E.Dawson@ljmu.ac.uk

Please note that due to high demand, early applications to this programme are encouraged.

This masters in Clinical Exercise Physiology focuses on the practical application of research, including intermediate life support and phlebotomy.

WHY STUDY THIS COURSE AT LJMU?

This masters is ideal for those that want to work with applied science in a clinical setting.

It will enable you to apply your knowledge to effective assessments that consider risk, lifestyle and behaviour and ultimately contribute to the motivation and rehabilitation processes of patients.

The programme has been developed by world-leading academics in our pioneering School of Sport and Exercise Sciences. Student numbers are capped at 20 for this highly competitive course to give you dedicated access to staff and facilities. The curriculum is informed by a world-class research infrastructure with over 20 full-time academic staff and support staff contributing to the taught modules and clinical placement.

While providing a detailed knowledge of physiology applied to clinical contexts, the programme is also designed to extend your knowledge beyond 'classical' exercise physiology studies and into novel techniques and theories underpinning exercise physiology and health. In place of a traditional research project, you will have the opportunity to gain essential clinical exposure and skills based in a hospital or other clinical environment. This extensive experience affords you the unique opportunity to apply the skills and knowledge gained during the masters in a 'real-world' setting, and places you in a highly employable position.

The programme is delivered in the £28 million Tom Reilly Building, which provides world-class sport and exercise science facilities. Here you'll find: 12-lead ECG and cardiopulmonary stress exercise testing equipment, ultrasound machines, echocardiography and vascular physiology, 800m² of exercise physiology laboratory space and 100 m² of molecular/ biochemistry laboratory space.

You will study the following modules:

- Pathophysiology of Cardiovascular Disease
- Technical Training for Exercise Physiology
- Advanced Exercise Physiology
- Exercise Prescription
- Promotion, Adherence and Compliance
- Clinical Placement and Thesis
- Research Methods

TEACHING AND ASSESSMENT

The programme is designed to train you to become an effective Clinical Exercise Physiologist, and your assessed work will benefit from invaluable practical experience and cutting-edge theory.

You will need to produce: essays, laboratory reports, coursework tasks plus a substantial case report based on your 140-hour clinical placement. There will also be exams, interactive problem solving exercises and oral presentations.

GRADUATE EMPLOYMENT

This postgraduate qualification will not only advance your career prospects, but also your ability to be an effective and deeply knowledgeable practitioner in this area of applied science. The substantial placement you will undertake will prepare you for a number of relevant roles in Clinical Exercise Physiology. Many career opportunities will be available on graduation, including teaching and lecturing in schools, colleges and universities. You may choose to continue in education or research, even taking your studies to doctoral level.

EXERCISE PHYSIOLOGY

MSc

Study full-time over one year

Entry Requirements: Minimum 2:1 in sport science or a related discipline.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Professor Jatin Burniston
J.Burniston@ljmu.ac.uk

This Masters programme is delivered by world-leading experts. You will have access to excellent facilities, geared towards both classical physiology and molecular exercise physiology research.

WHY STUDY THIS COURSE AT LJMU?

There has never been a more exciting time to undertake an MSc in Exercise Physiology. Sport represents one of the world's major businesses and scientists have an increasingly prominent role in working with athletes, coaches, governing bodies and industry to help optimise elite performance. Sport and Exercise Sciences is also playing an increasingly important role in society by promoting exercise for healthy aging and the prevention of premature death from cardiovascular disease, cancer and obesity. This course has been developed by world-leading researchers in our pioneering School of Sport and Exercise Science. It is ideal if you want to go on to specialise in physiology-related studies at doctoral level for academic and professional development or if you aspire to a professional career in exercise physiology. It aims to develop graduates that are able to deal with complex issues both systematically and creatively, make sound judgments in the absence of incomplete data, and communicate their conclusions clearly to specialist and non-specialist audiences.

The programme provides a detailed knowledge of physiology applied to sport and exercise contexts, but is also designed to extend your knowledge beyond 'classical' exercise physiology studies and into the new arena of molecular exercise physiology. The curriculum is informed by a world-class research infrastructure with over 20 full-time academic staff and support staff contributing to the taught modules and research dissertation.

You will gain extensive practical experience not only in physiology laboratory tests but also 'wet laboratory' bench skills. Academic development is also provided in fundamental scientific techniques including research methods, statistical analysis and scientific communication. The MSc is delivered in the £28 million Tom Reilly Building, which provides world-class sport and exercise science facilities including 800m² of exercise physiology laboratory space and 100m² of molecular/ biochemistry laboratory space.

You will study the following modules:

- Molecular Exercise Physiology
- Physiological Assessment
- Integrative Physiology and Metabolic Regulation
- Applied Practice in Exercise Physiology
- Contemporary Research in Exercise Physiology
- Research Methods
- Masters Research Project

TEACHING AND ASSESSMENT

Each module has specific learning objectives that are formally assessed via: essays, laboratory reports, exams, case studies, oral presentations, statistical reports, a viva and the dissertation. Oral presentations and written essays include: experiment design/ hypothesis generation, research project proposals and case reports.

You must demonstrate self-direction and originality in tackling and solving problems and be able to act autonomously in planning and implementing tasks at a professional level.

GRADUATE EMPLOYMENT

This course has been designed to develop the qualities and transferable skills necessary for employment in roles requiring initiative, personal responsibility, decision-making and independent learning ability. On graduation, many students continue in education, research or applied exercise science, with a significant number continuing their studies to doctoral level in the UK and overseas. Past graduates have taken positions as applied practitioners in sports and exercise science support programmes within a variety of professional sports clubs and national governing bodies of sport, others have gone on to work as strategic sport science officers and consultants in professional sport settings, including sports clubs, governing bodies, private healthcare and start-up businesses.

SPORT AND CLINICAL BIOMECHANICS

MSc

Study full-time over one year

Entry Requirements: Minimum 2:1 in physiotherapy, physical sciences, sport or another relevant discipline which has a substantial biomechanics element at Level 6.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Dr Mark Lake
M.J.Lake@ljmu.ac.uk

Study Sport and Clinical Biomechanics in the world-leading School of Sport and Exercise Sciences. This masters degree features extensive training in lab-based skills plus analysis of contemporary issues.

WHY STUDY THIS COURSE AT LJMU?

The study of Sport and Clinical Biomechanics opens up a world of scientific innovation, research and clinical treatments that can impact the performance of the human body in a sporting context. Developed by world-leading researchers from our pioneering School of Sport and Exercise Sciences, this programme is ideal for physiotherapists who wish to deepen their biomechanical expertise.

Modules complement the specific expertise of the biomechanics staff and cover topics such as: gait analysis and virtual rehabilitation, muscle and tendon mechanics and biomechanical assessment and injury prevention. In the 2014 REF 97% of research from the School of Sport and Exercise Sciences was considered world-leading or internationally excellent*, helping to ensure that our postgraduate courses are positioned at the forefront of developments in the musco-skeletal field. Your own research and the application of musculo-skeletal treatment practices will benefit from unique access to a wide-range of biomechanical equipment in the award-winning Tom Reilly building. This includes: multiple force platforms, four 3D motion capture systems, wireless EMG, high-speed video cameras, ultrasound, isokinetic dynamometry and the latest analysis methods and software (e.g. Visual 3D, SIMImotion). You will also use our dedicated Movement Function Research Laboratory, which was established to assess movement function, dysfunction and rehabilitation with a focus on movement re-training. You will receive applied training in the use of the equipment and advanced techniques to facilitate independent usage.

A number of field trips, including visiting Alder Hey Hospital as part of the Clinical Movement Analysis module, will offer you a valuable insight into applied practice and hands-on experience of the workplace.

* Research Quality Index data provided by Research Professional and available via Research Fortnight.

You will study the following modules:

- Technical Training in Biomechanics
- Research Methods
- Current Issues in Biomechanics
- Clinical Movement Analysis
- Biomechanical Assessment in Sport and Exercise
- Muscle-tendon Mechanics

TEACHING AND ASSESSMENT

You will be assessed via: interactive problem solving exercises, oral presentations in front of a peer group, coursework, essays - in some cases combined with oral defence and your research project proposal. You will also complete a dissertation involving a substantial piece of research, submitted in a written thesis format, followed by a viva voce with biomechanics staff.

GRADUATE EMPLOYMENT

This course is underpinned by a number of learning outcomes aligned with the Department of Health Knowledge and Skills Framework (KSF). Many careers are available to you on graduation. You may choose to continue in education, research or a health-related applied setting. Several students have gone into teaching and lecturing in schools, colleges and universities. Practising physiotherapists will be able to enhance service provision by applying their biomechanical knowledge and skills and others will be able to use their expertise as applied practitioners. On graduation, you can look forward to working in clinical or sports biomechanics and/or academic and professional development. Past graduates have gone on to roles including: Gait Analyst, ELS Biomechanist, UK Representative for Biomechanical Equipment, Research Assistant, PhD Student, Post Doctoral Researcher and Lecturer. Some students have also progressed into medicine.

SPORT COACHING MSc

Study full time over one year

Entry Requirements: 2:1 honours degree in a related area plus at least three years' coaching experience. (2:2 honours degree considered where applicants can demonstrate extensive experience).

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Dr Kevin Enright
K.J.Enright@ljmu.ac.uk

Study this unique masters aimed at sport coaches keen to enhance their capability through analysis and critical reflection of their personal coaching practice. The programme provides the skills to coach at elite level.

WHY STUDY THIS COURSE AT LJMU?

Accredited to work with governing bodies of sport to deliver a UKCC Level 4 coaching programme, LJMU is proud to offer this programme, which provides sport coaches with the opportunity to enhance their effectiveness via learning experiences that encourage analysis and critical reflection.

Unique in the North-West, this programme will enable you to effectively manage the coaching process. Your learning will be grounded in coaching practice and you will explore case studies, learning from peers and leading coaching practitioners. Throughout your course, you will need to be actively involved in coaching and may be able to secure a placement with one of our partners. Featuring an industry-guided curriculum and practice-relevant content, the programme will be delivered via a combination of intensive block teaching and distance learning. There will be guest lectures from industry specialists and you can look forward to a host of beneficial programme links with prestigious partners including British Cycling and Everton FC. The curriculum is also informed by the internationally recognised research of our teaching staff.

On qualification, your UKCC Level 4 accreditation will define you as a high performance/high performing coach fully qualified to work at elite level. As testament to LJMU's internationally recognised sport research expertise, excellent partnerships with sport organisations and award winning football coaching exchange programmes, the University hosted the prestigious International Council for Coaching Excellence (ICCE) Global Coach Conference 2017.

You will study the following modules:

- Sport Coaching Pedagogy and Practice
- Professional Case Study
- Psychology for Sport Coaching
- Advanced Coaching Process
- Advanced Training Programme
- Research Methods
- Independent Project

TEACHING AND ASSESSMENT

The course makes full use of blended learning approaches with many different kinds of online guidance available. Problem-based learning accounts for much of the virtual learning content, whilst distance-learning tutorials are offered over Skype. The programme is assessed using a variety of methods including: essays, case studies, oral presentations, poster presentations, systematic reviews, an annual training plan, reflective essays, a viva and the dissertation.

GRADUATE EMPLOYMENT

The programme provides an in-depth knowledge of coaching theory and practice, enabling you to work in a variety of environments with a range of athletes. It is ideally suited to anyone keen to develop a career in sport coaching, teaching, sport science support, further and higher education and sport development. The course also provides progression routes to PhD study and industry research roles. As a graduate, you will be ideally placed to secure a position in community coaching, as well as coaching in private or publicly-funded clubs, companies or governing bodies. You may work as: a High Performing Children's Coach, a High Performing Participation Coach or a High Performing Development Coach. You could also work as an educator/developer in National Coaching Development bodies.

ACCREDITATION



RESEARCH OPPORTUNITIES

Conduct your research alongside those working at the forefront of developments. You can study for an MPhil full-time over 12 months, or for a PhD full-time over 24 months.

We invite you to join our growing research environment and become a valued and integral part of our team. Our staff offer expert supervision based on both their background and their experience of undertaking real world research. Our comprehensive induction programme is a compulsory condition of your degree and, together with a varied programme of generic skills training opportunities, ensures you are fully prepared for this next level of study.

Whilst we are able to provide supervision in many areas, we have particular expertise in:

- Sport coaching research
- Talent identification/development in youth football
- Global movement concepts
- Physiology of BMX cycling
- Coach education
- Nutritional science
- Nutritional biochemistry
- Socio-psychology of weight control
- Anthropology

To be considered for an MPhil/PhD, you usually need a first or upper second-class Honours degree in a relevant subject. International students must also hold a minimum IELTS qualification of 6.5 or equivalent and, in some cases, an Academic Technology Approval Scheme (ATAS) certificate. Please contact int-admissions@ljmu.ac.uk for more details.

For more information, please visit ljmu.ac.uk/research

SPORT NUTRITION MSc

Study full-time over one year

Entry Requirements: Minimum 2:1 in sport science, dietetics, nutrition or a related subject plus practical, applied experience.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:
Dr Julien Louis
J.B.Louis@ljmu.ac.uk

Please note that due to high demand, early applications to this programme are encouraged.

This Sport Nutrition masters programme is taught by academics dedicated to developing scientific research into athlete-centred nutrition and extending our contemporary understanding of exercise metabolism.

WHY STUDY THIS COURSE AT LJMU?

This popular masters programme investigates how nutrition can maximise the health, body composition and performance of athletes. It opens up a world of scientific innovation, research and the related application of specially designed nutritional support that can help sportspeople to overcome setbacks and achieve their goals. You will learn to make decisions in complex and unpredictable situations and you will ultimately contribute to the essential support framework demanded by the sport industry for success. The course is accredited by SENr, allowing graduates direct entry onto the SENr Graduate register.

The course offers a unique blend of theoretical science and applied skills taught by world-leading academics engaged in nutritional consultancy with major sports organisations. Staff currently provide nutrition support to Premiership Football, Super League Rugby League, European Rugby Union, professional golfers, professional jockeys, professional and amateur boxers, Manchester FC, professional tennis players, Professional and Track Cycling, UK Anti Doping and many more. The programme is aimed at individuals with a degree in sport science, dietetics, or nutrition who want to build their specific knowledge in sport nutrition. The course has a low student : staff ratio, which allows a close level of academic and pastoral support within a friendly and informal atmosphere. Teaching takes place in small groups and draws on the world-class facilities in our award-winning Tom Reilly Building.

You will study the following modules:

- Fundamental Sport Nutrition
- Practical Sport Nutrition
- Research Methods
- Exercise Metabolism
- Applied Placement
- Research Project
- Supplements and Drugs in Sport

TEACHING AND ASSESSMENT

Our team of world-leading academics carefully design course delivery and assessment around their leading edge research to ensure that your learning experience is based on the latest information and relevant to effective practice in Sport Nutrition. A diverse range of assessments are used within the programme including: laboratory reports, case studies, oral presentations, statistical reports, short answer exams, practical oral exams, viva and the dissertation.

GRADUATE EMPLOYMENT

The integrated and critical nature of the programme promotes qualities and skills relevant to employability within the sports nutrition field. The degree is ideal for individuals looking to work as sports nutritionists with national governing bodies such as the EIS. Graduates have typically secured roles as full-time or part-time Sport Nutritionists working in professional sports clubs and/or national Institutes of sport. Past graduates now work for: Everton FC, Warrington Wolves, The RFU, The EIS and Team Sky. Some also work as self-employed Sport Nutritionists with professional and amateur athletes. One former student has set up her own business in the Isle of Man. Most graduates pursue accreditation with SENr and seek work in the field of sport nutrition. The degree is also ideally suited for strength and conditioning practitioners looking to increase their knowledge and applied skills in nutrition, and those interested in using exercise nutrition to improve the health of the general public.

ACCREDITATION



SPORT PSYCHOLOGY

MSc

Study full-time over one year

Entry Requirements: For the BPS accredited award, you must have Graduate Basis for Chartership (GBC) on entry and usually a minimum 2:1 in sport psychology, psychology, or a related combined award.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:

Dr Mark Nesti
M.S.Nesti@ljmu.ac.uk

Complete this BPS-accredited Stage One Masters in Sport Psychology under the guidance of academics with a high level of expertise and experience in Sport Psychology research and applied practice.

WHY STUDY THIS COURSE AT LJMU?

The School of Sport and Exercise Science has been delivering this programme for over 20 years, always keeping our course design current so that you can apply the most relevant theory within your practice.

The programme is British Psychological Society accredited for applicants with Graduate Basis for Chartered Membership (GBC) and offers a route into Stage Two training to become a HCPC Registered Sport and Exercise Psychologist. We have a strong ethos of theory and applied knowledge, and it is this learning practice that we instil in our postgraduates – a style of knowledge transfer that no other BPS accredited course offers. As a postgraduate on this programme, you will experience a rich and highly relevant education and be able to grow as a research academic in this elite environment of thought-leaders from the field of Sport and Exercise Psychology. You will develop consultancy skills and the knowledge to counsel sportspeople. The results of your work and the effect it will have on an athlete's physical and conscious development will become one of your key outcomes.

As a School, we welcome applications from ambitious psychology graduates keen to contribute to our portfolio of experience and produce their own research grounded in the real world.

Our commitment to your ability to support the performance of sportspeople remains our primary focus, and members of our academic team have been specially selected for their expertise in this area.

You will study the following modules:

- Research Project
- Research Methods and Training in Sport Psychology
- Professional Practice in Sport Psychology
- Performance and Development Issues in Sport Psychology
- Frameworks, Skills and Approaches in Sport Psychology

TEACHING AND ASSESSMENT

Assessment is varied and relevant to contemporary research and course design. It includes: essays, oral presentations, consultancy reports, a research proposal and ethics application, research papers and a viva.

GRADUATE EMPLOYMENT

The integrated and critical nature of the programme promotes qualities and skills relevant to employability within the sport psychology field and many career opportunities are open to you on graduation. A large number of graduates continue in education, research or applied work, including 'Stage 2' training. They go into teaching and lecturing in schools, colleges and universities or continue their studies with a doctoral research/training programme. Some graduates have engaged in sports science support and/or athlete support programmes with national governing bodies and professional sports clubs or acted as consultants in professional sport settings.

ACCREDITATION



STRENGTH AND CONDITIONING

MSc

Study full-time over one year

Entry Requirements: Minimum 2:1 honours degree in sport and exercise sciences or a related subject.

IELTS: 6.5 overall (minimum 5.5 in each component) or equivalent.

Fees: £16,100

Programme Leader:

Dr Rob Erskine
R.M.Erskine@ljmu.ac.uk

Our MSc programme in Strength and Conditioning has been developed to produce world-class, research-informed practitioners and researchers.

WHY STUDY THIS COURSE AT LJMU?

This Strength and Conditioning MSc invites you to engage in: scientific innovation, research and the related application of specially designed strength and conditioning support to help sportsmen and women achieve their goals. You will learn to make decisions in unpredictable situations and you will ultimately contribute to the essential support framework demanded by the sport industry for success. Cutting-edge research and applied practice will be at the heart of your professional development.

The programme is aimed at individuals with a degree in sport and exercise science or a related subject who want to build their specific knowledge in strength and conditioning. The programme is delivered by world-leading strength and conditioning practitioners and researchers from our pioneering School of Sport and Exercise Sciences. You will have access to state-of-the-art strength and conditioning facilities, including our physiology and biomechanics labs in the award-winning Tom Reilly Building, as well as our high performance gym.

During the three-month, full-time applied placement in semester three, you will also benefit from the strong links we have with some of the best sporting institutions in the UK and abroad. This includes the English Institute of Sport and clubs within the Rugby League Super League and Championship, the Rugby Union Championship, the English Football League, the Football Association Women's Super League, the Gaelic Sports Research Centre, British Rowing and many more. This applied placement will enable you to develop your applied skills and research knowledge acquired in the first two semesters and increase your network in the applied field, giving you enhanced employment prospects.

On successful completion of the programme, you will be able to deal with complex issues within strength and conditioning. You will also have the knowledge to communicate and implement your recommendations with clients, specialist and non-specialist audiences. The course has a low student: staff ratio, which allows a close level of academic and pastoral support within a friendly and informal atmosphere.

You will study the following modules:

- Research Methods
- Applied Practice in Coaching, Planning and Monitoring Sciences
- Applied Fundamental Strength and Conditioning Practices Part 1
- Physiology of Strength and Conditioning
- Biomechanics of Strength and Conditioning
- Applied Fundamental Strength and Conditioning Practices Part 2
- Applied placement

TEACHING AND ASSESSMENT

Our team of world-leading academics carefully design course delivery and assessment around their leading edge research to ensure that your learning experience is based on the latest information and relevant to effective practice in strength and conditioning. A diverse range of assessments are used within the programme including: essays, exams, case studies, presentations, laboratory reports, literature reviews and practical assessments.

GRADUATE EMPLOYMENT

LJMU has an excellent reputation for employability. On graduation, you can look forward to career opportunities as an applied practitioner in strength and conditioning, in teaching and lecturing, and in doctoral research programmes.

RESEARCH OPPORTUNITIES

Work alongside leading researchers, using world-class labs and other facilities. The MPhil can be studied full-time over 12 months. The PhD can be studied full-time over 24 months.

The Research Institute for Sport and Exercise Sciences (RISES) has a proud history of innovation in teaching, research and student support. Research activities range from studies on athletes to studies on the elderly and from cellular level to whole-body responses.

RISES is organised into four research groups focusing on: Biomechanics; Brain and Behaviour; Cardiorespiratory Science plus Exercise Metabolism and Adaptation. There are also two 'exchanges': the Football Exchange and the Physical Activity Exchange.

Key areas of research expertise include:

- Biomechanics
- Physiology
- Psychology
- Chronobiology
- Human development and ageing
- Exercise and cardiovascular physiology
- Health and activity
- Molecular exercise physiology
- Muscle physiology
- Nutrition
- Perceptual motor skills
- Behavioural neuroscience
- Child health and activity
- Sociology and management
- Science and football

Current research projects are funded by grants from charities, industrial sponsors, international agencies, governments and sports bodies. We welcome applications for doctoral research in all of the above areas.

For more information, please visit ljmu.ac.uk/sps/RISES

International Study Centre

- Business, Management and Law
- Engineering and Computing

BUSINESS, MANAGEMENT AND LAW

Pre-Masters Programme

Study this fast-track programme over one semester

IELTS: 5.5 overall (with minimum of 5.5 in all components)

Combined Visa: Study your Pre-Masters programme and Masters degree on a combined visa

Fees: £5,506

Programme Leader:
Corina Doran C.O.Doran@ljmu.ac.uk

BECOME AN EXPERT BY PREPARING FOR A MASTERS

The Pre-masters programme at LJMU International Study Centre offers a path to postgraduate study for international students.

The Pre-masters is an intensive one semester programme of academic subjects, study skills and English language preparation. It has been designed specifically to prepare you for taught Masters study at the University.

If you do not meet the requirements for direct entry to a Masters degree, or want to refresh your language skills and knowledge, our specialist programme is for you.

Successful completion of this programme leads to a range of postgraduate degrees at LJMU, subject to achieving the required grades.

WHY STUDY THIS COURSE AT LJMU INTERNATIONAL STUDY CENTRE?

- Develop the knowledge gained on your undergraduate degree or study
- Improve your career prospects by building your academic experience
- Discover a new subject for a change of career
- Improve your language skills and experience new cultures
- Network with others in your field

This programme will develop a greater depth of knowledge in your area of study through classes designed specifically for international students. These will be based on study and careers skills, as well as subject specific modules, which prepare you for your chosen Masters degree at Liverpool John Moores University.

You will gain understanding of the analysis of academic concepts and issues relating to operations management, organisational behaviour with an emphasis on critically evaluating ideas and applications. You

will identify the limitations of business models and management theory. For law, the principles of legal methods, legal argument and legal concepts are outlined, and you are encouraged to develop skills in legal argument. You will also complete a subject related research project.

For economics, an understanding of economic theories and systems, and the economic environment in which businesses and other organisations operate. The aim is to offer a sound knowledge of economic theories and systems for the next level of study, and to enable students to examine critically economic topics, problems and issues.

You will study the following modules:

Core Modules:

- Academic English and Research Skills
- Business and Management

Optional Modules:

- Introduction to Economics
- Introduction to Law Studies

TEACHING AND ASSESSMENT

The programme includes academic modules, study skills and English language training, providing complete preparation for your postgraduate degree. You will learn in a small class of eight on average and receive 18 hours of teaching weekly.

COMBINED VISA

You can save both time and money, and experience seamless transition to postgraduate success with the combined visa.

Advantages of the combined visa:

1. Just one visa required for the whole length of your study
2. No need for IELTS for UKVI to join the Pre-masters programme*
3. No need for an additional IELTS test before starting your Masters degree
4. No visa requirement to return home between the courses.

**IELTS equivalent required*

Once you have completed your Pre-Masters programme and achieved the required grades, you can progress to a wide range of postgraduate degrees at LJMU. To find out more please visit ljmuisc.com/programmes/pre-masters

ENGINEERING AND COMPUTING Pre-Masters Programme

Study this fast-track programme over one semester

IELTS: 5.5 overall (with minimum of 5.5 in all components)

Combined Visa: Study your Pre-Masters programme and Masters degree on a combined visa

Fees: £5,506

Programme Leader:
Corina Doran C.O.Doran@ljmu.ac.uk

BECOME AN EXPERT BY PREPARING FOR A MASTERS

The Pre-masters programme at LJMU International Study Centre offers a path to postgraduate study for international students.

The Pre-masters is an intensive one semester programme of academic subjects, study skills and English language preparation. It has been designed specifically to prepare you for taught Masters study at the University.

If you do not meet the requirements for direct entry to a Masters degree, or want to refresh your language skills and knowledge, our specialist programme is for you.

Successful completion of this programme leads to a range of postgraduate degrees at LJMU, subject to achieving the required grades.

WHY STUDY THIS COURSE AT LJMU INTERNATIONAL STUDY CENTRE?

- Develop the knowledge gained on your undergraduate degree or study
- Improve your career prospects by building your academic experience
- Discover a new subject for a change of career
- Improve your language skills and experience new cultures
- Network with others in your field

This programme will develop a greater depth of knowledge in your area of study through classes designed specifically for international students. These will be based on study and careers skills, as well as subject specific modules, which prepare you for your chosen Masters degree at Liverpool John Moores University.

You will develop your understanding of concepts within mathematics and computing, including hardware, software and issues around design and usability. You will develop the mathematical skills necessary for postgraduate study by covering topics such as linear, second order, constant coefficient ordinary differential equations and apply to the modelling of engineering problems. You will also complete a subject related research project.

You will study the following modules:

- Academic English and Research Skills
- Computing
- Maths

TEACHING AND ASSESSMENT

The programme includes academic modules, study skills and English language training, providing complete preparation for your postgraduate degree. You will learn in a small class of eight on average and receive 18 hours of teaching weekly.

COMBINED VISA

You can save both time and money, and experience seamless transition to postgraduate success with the combined visa.

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***Please note that fees listed are valid as of July 2019 and may change for 2020 entry. Please check website for latest updates.**

YOUR CAMPUS

From new lecture theatres and classrooms to cafés and award-winning buildings, LJMU has invested £160million+ over the last 10 years to ensure all our students receive the highest possible university experience. Facilities include the Redmonds Building, with its industry-standard film and broadcasting studios plus our state-of-the-art clinical practice suites for health students, which provide a range of authentic environments including an ambulance interior, hospital accident and emergency department and delivery ward.



THE MOUNT PLEASANT CAMPUS...

is home to the Faculty of Arts, Professional and Social Sciences, the Faculty of Business and Law, the International Study Centre and the Aldham Roberts Library and is located in Liverpool city centre.



John Lennon Art & Design Building



Redmonds Building



John Foster Building



Aldham Roberts Library

THE CITY CAMPUS...

also located in the city centre, is home to the Faculty of Engineering and Technology, Faculty of Science, the Faculty of Health and the Avril Roberts Library.



Tom Reilly Building



Byrom Street



Tithebarn Street / Avril Roberts Library

THE IM MARSH CAMPUS...

is located a few miles outside the city centre and is home to students studying courses in the Faculty of Education. In addition to its own library, this campus has a wide range of sports facilities.



Main building



IM Marsh Library



Sports facilities

LJMU has an ambitious redevelopment programme and plans to become a two campus University, with all students taught in the city centre. Follow our progress online: ljmu.ac.uk/copperashill

LJMU LOCATION MAP

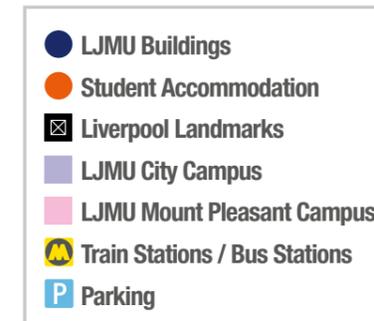


HOW TO USE THIS MAP

Campuses are highlighted in blue, top left is City Campus and Mount Pleasant Campus is bottom right. Accommodation sites are marked in orange.

Can't decide where to live?

The accommodation website can help you make your selection. Visit ljmu.ac.uk/accommodation to search by course, and list the accommodation best suited to where your lectures are.



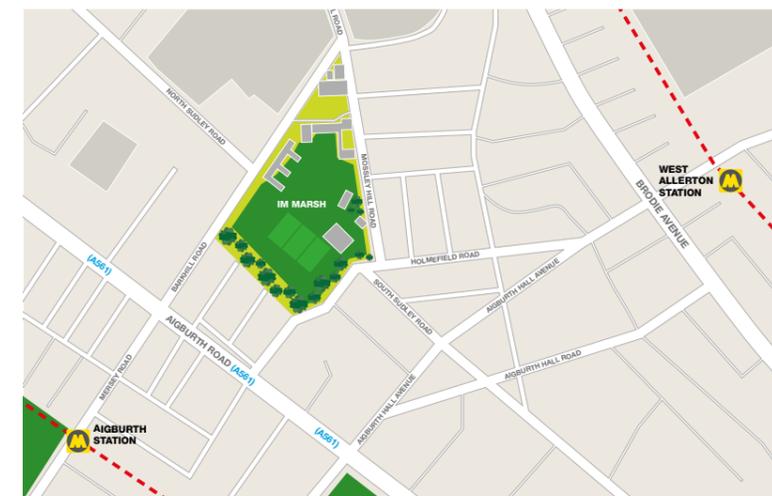
LJMU BUILDINGS

- Cherie Booth Building
- Exchange Station
- Henry Cotton Building
- James Parsons Building
- Joe H Makin Centre
- John Foster Building
- John Lennon Art & Design Bld
- LIBRARIES
 - Aldham Roberts Library
 - Avril Roberts Library
- Max Perutz Building
- Peter Jost Centre
- Redmonds Building
- Tithebarrow Building
- Tom Reilly Building

STUDENT ACCOMMODATION

- Albert Court
- Apollo Court
- Atlantic Point
- The Arch
- Byrom Point
- Glassworks
- Grand Central
- Grenville Street
- Hardman House
- Horizon Heights
- Liberty Gardens
- Marybone 1, 2 and 3
- St Andrew's Gardens
- St. Luke's View
- Unite Student Village

- E4
- D3
- B4
- C1
- C4
- B4
- D2
- C1
- D1
- C3
- B3
- B4
- D3
- D2
- E2



IM Marsh Campus

If you are travelling from Liverpool City Centre, the A561 is labelled on the map and leads directly to the IM Marsh Campus.

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CONTACT US

For course advice and general guidance:

Email international@ljmu.ac.uk

For assistance with your application once you have applied to the University

Email internationaladmissions@ljmu.ac.uk

Tel +44 (0) 151 231 5090

Web www.ljmu.ac.uk/international

CONNECT WITH LJMU

Chat to us on social media



The University offers the information in this brochure as a general guide only. It does not constitute or form part of any contract and is not binding on prospective students or the University. The content is correct at the time of going to press (September 2019) but you are advised to check the University's website for the most up-to-date information.