## 2020

# COURSES FOR INTERNATIONAL STUDENTS

**UNDERGRADUATE** 







## 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; awardwinning 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 129 of our courses are listed in the UK top 50\*.

#### Liverpool Mechanics' and Apprentices' Library:

With their mantra of 'knowledge is power', it's not surprising that some critics thought the mechanics institutes were dangerous, revolutionary establishments.

#### Liverpool School of Pharmacy:

The First World War brought an influx of female students who, according to the School's Principal 'Humph' Jones (pictured below), were easier to teach (and much tidier) than their male counterparts.

#### School of Science (1861) and the Colleges of Technology (1892-1969):

The founder of the first science college in Liverpool studied alongside the inventor of the Oxo cube in Germany.

#### F.L. Calder College -Liverpool Training School for Cookery:

Florence Nightingale called Fanny Calder (pictured below) the 'patron saint of laundry, cooking and health'.











1862









Professional education for mariners was initially dismissed as a 'fad' in the nineteenth century, with critics comparing educated sailors to 'professors' on Gilbert and Sullivan's HMS Pinafore.

and College:

#### School and College of Nursing and Midwifery:

In the 1860s, trainee nurses were given an allowance of three pints of beer a day.

began to attend lectures too. In the 1880s it became one of the first art schools to let female students draw life models, both male and

Liverpool Mechanics'

Classes were initially

Institute and School of

restricted to men but within

a decade of opening women

female.

Arts:

\*The Guardian University Guide 2020

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 Moores,

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.

#### I.M. Marsh College of **Physical Training:**

Entry requirements for students were a bit different back in the 1900s. Not only did students have to be 'gentlewomen' but they had to be over five foot three as well.

#### College of Building:

Construction courses in Liverpool were initially aimed at apprentices working in the building trades. Today, this story has come full circle, with the University continuing to support workforce development through new degree apprenticeships.

#### **Liverpool Polytechnic:**

During Liverpool Poly's official designation ceremony. student protesters threw eggs and chanted "School milk, school meals" at the Minister for Education, Margaret Thatcher. in protest at cuts to universal free school milk.







1900



1951-



1978



1970-1992





#### **School and College** of Commerce:

After the First World War, the College began to offer courses for both men and women who wanted a commercial career.

#### C.F. Mott College of **Education and COLCHE** (City of Liverpool College of Higher **Education):**

Students were originally housed in temporary 'Horsa huts' in the grounds of The Hazels, which had been home to many wealthy families since 1764.

#### **Ethel Wormald** College of **Education:**

It is ironic that the woman who was denied an opportunity of serving as a teacher in 1923 because she got married became the personification of education in Liverpool in the Fifties and Sixties.

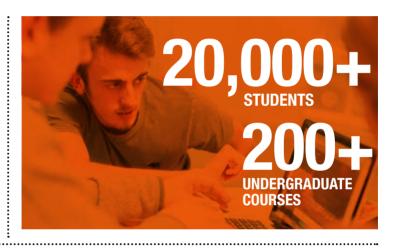
#### Liverpool John **Moores University:**

Over the last 28 years, this 'new' university learned how to 'dream. plan, achieve', evolving into today's modern civic university with ambitious plans for the future.

## 10 FACTS ABOUT LJMU

129 OF OUR COURSES ARE RANKED TOP

IN THE GUARDIAN UNIVERSITY LEAGUE TABLES 2020







AWARDED ANNUALLY IN SCHOLARSHIPS, PRIZES AND HARDSHIP FUNDS



OF STUDENTS SURVEYED SAID THEY WERE SATISFIED WITH THEIR OVERALL LJMU STUDENT EXPERIENCE\*\*

National Student Survey (NSS) 2019

<sup>\*</sup>Quality Assurance Agency for Higher Education (QAA) \*\*National average 84% NSS 2019 'overall satisfaction'





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

TOO + 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** 



## HOW TO APPLY FOR UNDERGRADUATE STUDIES

## STEP

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

www.ljmu.ac.uk/



## STEP2

Complete your online application form at www.ucas.com/ ucas-undergraduateapply-and-track

When completing your application, you will need to have:

- Details of the qualifications you are currently studying or have completed
- A personal statement, displaying passion for the subject area and the skills and experiences you have that will enable you to succeed at University
- Your passport / residency details
- A referee who will provide a reference for you

You can apply to a maximum of 5 courses on the one application form. For 2020 entry, the UCAS application fee is £20 for one course, or £25 for more than one course.

## STEP3

Await confirmation of your application through UCAS. 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.



## **SUBJECT KEY**

Welcome to your Subject Key. Use these pages alongside the subject tables to learn additional information on the courses listed. Further details can be found via the links provided, by visiting the University website and by asking the relevant admissions office using the contact details provided at the end of each section.

Our subject listings will give you an indication of entry requirements and opportunities provided as part of your course, but they are not exhaustive. Please see <code>ljmu.ac.uk/courses</code> or contact admissions for more information.

Detailed entry requirements for all courses listed here, including any subject-specific requirements can also be found online ljmu.ac.uk/courses.

Mature and non-standard applicants will be considered on an individual basis

#### **FOUNDATION YEAR**

A foundation year is ideal if you have the ability to study for a degree but don't have the qualifications to enter directly onto the programme of your choosing. We have a number of foundation options to choose from, and you can find them listed within each subject area. Once you pass the foundation year, you will progress directly onto the first year of the honours degree.

- ACCREDITED/ENDORSED
- AUDITION
- DBS CHECK
- O FIELD TRIP(S)
- FIELDWORK/LABORATORY WORK
- GENERAL STUDIES
   ACCEPTED WHEN
   COMBINED WITH OTHER
   QUALIFICATIONS
- INTERNATIONAL FOUNDATION YEAR
- INTERVIEW
- OCCUPATIONAL HEALTH CHECKS
- PLACEMENTOPPORTUNITIES
- PORTFOLIO
- RECOGNITION OF PRIOR
   LEARNING (RPL) ACCEPTED.
- SANDWICH YEAR
- STUDY ABROAD
- WORK EXPERIENCE REQUIRED

#### ACCREDITED/ENDORSED

The course is either accredited or endorsed by a professional body, institute or organisation. This means that the content of the course is formally recognised and has their seal of approval.

#### AUDITION

We require you to undertake an audition as part of the application and selection process. For more information please visit: Ijmu.ac.uk/applicant-login/interviews-auditions-and-aptitude-tests

#### DBS CHECK

Some courses involve working (or significant interaction) with children or vulnerable adults. The DBS check allows us to see if you have a criminal record or a background which would prevent you from interacting with these groups. We will require you to undertake a DBS check as part of the application and selection process and you will have to pay a small charge to do this. For more information on the DBS check please see https://www.gov.uk/government/organisations/disclosure-and-barring-service

#### O FIELD TRIP(S)

You will have the opportunity to undertake at least one field trip as part of your course. The destination and duration/frequency involved depends on the individual course. There may be an additional cost involved, please check with the relevant faculty admissions office.

#### FIELDWORK/LABORATORY WORK

There will be opportunities to undertake fieldwork, lab work or both on your course. The duration/frequency involved depends on the individual course. There may be an additional cost involved, including specialist clothing or equipment, please check with the relevant faculty admissions office.

### GENERAL STUDIES ACCEPTED WHEN COMBINED WITH OTHER QUALIFICATIONS

We will accept General Studies only when combined with other qualifications. For details of the combination required please see our website or contact the relevant faculty admissions office.

#### INTERNATIONAL FOUNDATION YEAR

An International Foundation Year course is available offering direct progression onto this degree. Please visit LJMU's International Study Centre to find out more: limuisc.com

#### INTERVIEW

We require you to undertake an interview as part of the application and selection process. For more information please visit; Ijmu.ac.uk/applicant-login/interviews-auditions-and-aptitude-tests

#### O OCCUPATIONAL HEALTH CHECKS

We require you to undertake a medical examination as part of the application and selection process. If you get to this stage we will contact you with further information.

#### PLACEMENT OPPORTUNITIES

You will have the opportunity to gain work experience during your course through our links with external organisations. The duration/frequency involved depends on the individual course. There may be additional costs involved e.g. travel, please check with the relevant faculty admissions office.

#### PORTFOLIO

Assessment of suitability to the course will be undertaken by review of a portfolio of work, as part of the application and selection process. For more information please visit: ljmu.ac.uk/applicant-login/interviews-auditions-andaptitude-tests

#### RECOGNITION OF PRIOR LEARNING (RPL) ACCEPTED

Credits may be awarded for learning already undertaken in the University or elsewhere for which you have received qualifications or certificates. This is called credit transfer or the Recognition of Prior Learning (RPL).

#### SANDWICH YEAR

You will have the opportunity to undertake a year's work experience or industrial placement, which may be an unpaid or paid opportunity. If you are studying a three year course this will then mean the total duration of your course will be four years. We will help you to find a suitable placement, if you choose to take this route. You will be charged a reduced tuition fee for undertaking a sandwich year, please see our website for details.

#### STUDY ABROAD

You will have the opportunity to study abroad as part of your course. The destinations available and duration/frequency involved depends on the individual course. There may be additional costs involved.

#### WORK EXPERIENCE REQUIRED

We require you to have previous work experience or additional qualifications as part of the application and selection process.

## **ARCHITECTURE**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Architecture (BA Hons)	K100	3 FT	128   ABB   DDM	6.0 (5.5)	• • • •
Architectural Engineering (BEng Hons)	2B78	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • •
Architectural Engineering (MEng Hons)	2D36	4/5 FT	128   ABB   DDM	6.0 (5.5)	• • •
Architectural Technology (BSc Hons)	K130	3/4 FT	104   BCC   DMM	6.0 (5.5)	• • • •
Civil Engineering and Architecture (MEng Hons)	H2KC	4/5 FT	128   ABB   DDM	6.0 (5.5)	•••
Interior Architecture (BA Hons)	A001	3FT	112   BBC   DMM	6.0 (5.5)	• • •

<sup>\*</sup>with minimum component score

### **ART AND DESIGN**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Architecture (BA Hons)	K100	3 FT	128   ABB   DDM	6.0 (5.5)	• • • • • •
Fashion: Design and Communication (BA Hons)	W2H0	3FT	112   BBC   DMM	6.0 (5.5)	•••
Fine Art (BA Hons)	W100	3FT	112   BBC   DMM	6.0 (5.5)	0 • • • •
Graphic Design and Illustration (BA Hons)	W210	3FT	112   BBC   DMM	6.0 (5.5)	• • • • •
History of Art and Museum Studies (BA Hons)	VP31	3 FT	112   BBC   DMM	6.0 (5.5)	0 • •
Interior Architecture (BA Hons)	A001	3FT	112   BBC   DMM	6.0 (5.5)	• • • • • •
Product Design Engineering (BSc Hons)	H772	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • • •

<sup>\*</sup>with minimum component score

## **ASTRONOMY**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Astrophysics (MPhys)	F521	4 FT	136   AAB   See website	6.0 (5.5)	0
Physics with Astronomy (BSc Hons)	F3F5	3 FT	128   ABB   See website	6.0 (5.5)	0 • •

<sup>\*</sup>with minimum component score

## **BIOLOGICAL SCIENCES**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Animal Behaviour (BSc Hons)	C301	3/4 FT	112   BBC   DMM	6.0 (5.5)	000000
Biochemistry (BSc Hons)	C700	3/4 FT	104   BCC   DMM	6.0 (5.5)	••••
Biology (BSc Hons)	C100	3/4 FT	112   BBC   DMM	6.0 (5.5)	000000
Biomedical Science (BSc Hons)	B940	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • • • • • • • • • • • • • • • • • • •
Biotechnology (BSc Hons)	S005	3/4 FT	104   BBC   DMM	6.0 (5.5)	• • • •
Forensic Anthropology (BSc Hons)	FL4P	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••••
Forensic Science (BSc Hons)	F410	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••••
Science and Football (BSc Hons)	CXQ3	3/4 FT	112   BBC   DDM	6.0 (5.5)	••••
Sport and Exercise Science (BSc Hons)	C600	3 FT	120   BBB   DDD	6.0 (5.5)	••••
Wildlife Conservation (BSc Hons)	C930	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••••
Zoology (BSc Hons)	C300	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••••

<sup>\*</sup>with minimum component score

## **BUILT ENVIRONMENT**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Architectural Engineering (BEng Hons)	2B78	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • •
Architectural Engineering (MEng Hons)	2D36	4/5 FT	128   ABB   DDM	6.0 (5.5)	• • •
Architectural Technology (BSc Hons)	K130	3/4 FT	104   BCC   DMM	6.0 (5.5)	• • • •
Architecture (BA Hons)	K100	3 FT	128   ABB   DDM	6.0 (5.5)	••••
<b>Building Services Engineering (BEng Hons)</b>	K200	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • • •
<b>Building Services Engineering (MEng Hons)</b>	K290	4/5 FT	128   ABB   DDM	6.0 (5.5)	• • • •
Building Services Engineering Project Management (BSc Hons)	KN2F	3/4 FT	104   BCC   DMM	6.0 (5.5)	••••
<b>Building Surveying (BSc Hons)</b>	K230	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • • •
Civil Engineering (BEng Hons)	H200	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • • •
Civil Engineering (MEng Hons)	H202	4/5 FT	128   ABB   DDM	6.0 (5.5)	• • •
Civil Engineering and Architecture (MEng Hons)	H2KC	4/5 FT	128   ABB   DDM	6.0 (5.5)	•••
Civil Engineering and Construction Management (MEng Hons)	H2K2	4/5 FT	128   ABB   DDM	6.0 (5.5)	•••
Construction Engineering (BEng Hons)	F117	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • • •

<sup>\*</sup>with minimum component score

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Construction Management (BSc Hons)	K220	3/4 FT	104   BCC   DMM	6.0 (5.5)	••••
Interior Architecture (BA Hons)	A001	3FT	112   BBC   DMM	6.0 (5.5)	••••
Quantity Surveying (BSc Hons)	K242	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Real Estate (BSc Hons)	NN21	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • •

<sup>\*</sup>with minimum component score

## BUSINESS, MANAGEMENT AND MARKETING

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Accounting and Finance (BSc Hons)	N420	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Business and Public Relations (BA Hons)	NP12	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••••
Business Management (BSc Hons)	N200	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••••
Business with Finance (BA Hons)	NN13	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••
Business with International Business Management (BA Hons)	NN12	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••
Business with Marketing (BA Hons)	NN15	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••
Events Management (BA Hons)	N820	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Human Resource Management (BA Hons)	N600	3/4 FT	104   BCC   DMM	6.0 (5.5)	•••••
International Tourism Management (BA Hons)	NN28	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••••
Law and Business (BA Hons)	LABS	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • •
Maritime Business and Management (BSc Hons)	N910	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Marketing (BA Hons)	N500	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••••
Mathematics with Finance (BSc Hons)	GN13	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••
Sport Business (BA Hons)	7R21	3/4 FT	112   BBC   DMM	6.0 (5.5)	0000

<sup>\*</sup>with minimum component score

## **CHEMISTRY**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Chemistry (BSc Hons)	C368	3/4 FT	104   BCC   DMM	6.0 (5.5)	••••
Biochemistry (BSc Hons)	C700	3/4 FT	104   BCC   DMM	6.0 (5.5)	••••
Biotechnology (BSc Hons)	S005	3/4 FT	104   BBC   DMM	6.0 (5.5)	•••
Forensic Science (BSc Hons)	F410	3/4 FT	112   BBC   DMM	6.0 (5.5)	•0•••

<sup>\*</sup>with minimum component score

## **COMPUTING**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Computer Forensics (BSc Hons)	G550	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Computer Games Development (BSc Hons)	G450	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Computer Networks (BSc Hons)	II20	4 FT	112   BBC   DMM	6.0 (5.5)	•••
Computer Science (BSc Hons)	C558	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••
Computer Security (BSc Hons)	1990	3/4FT	112   BBC   DMM	6.0 (5.5)	•••
Computing and Smart Devices (BSc Hons)	F217	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••
Computer Studies (BSc Hons)	G401	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Data Science (BSc Hons)	GG10	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • •
Multimedia Computing (BSc Hons)	GG54	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • •
Policing Studies and Cybercrime (BSc Hons)	M900	3FT	104   BCC   DMM	6.0 (5.5)	• •
Software Engineering (BSc Hons)	G600	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • • •

<sup>\*</sup>with minimum component score

## CRIMINOLOGY AND SOCIOLOGY

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Criminal Justice (BA Hons)	M291	3 FT	112   BBC   DMM	6.0 (5.5)	0 • • •
Criminology (BA Hons)	M212	3 FT	112   BBC   DMM	6.0 (5.5)	• • • •
Criminology and Psychology (BSc Hons)	MC2W	3 FT	112   BBC   DMM	6.0 (5.5)	• • •
Criminology and Sociology (BA Hons)	ML23	3 FT	104   BCC   DMM	6.0 (5.5)	0000
Sociology (BA Hons)	L300	3 FT	104   BCC   DMM	6.0 (5.5)	00000

<sup>\*</sup>with minimum component score

## **EDUCATION**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Early Childhood Studies (BA Hons)	XL35	3 FT	104   BCC   DMM	6.0 (5.5)	•••
Education Studies (BA Hons)	X300	3 FT	104   BCC   DMM	6.0 (5.5)	• • •
Education Studies and Early Years (BA Hons)	XL30	3 FT	104   BCC   DMM	6.0 (5.5)	0 • • • •
Education Studies and Inclusion (BA Hons)	XX31	3 FT	104   BCC   DMM	6.0 (5.5)	0 • • •
Learning, Development and Support (BA Hons)	X220	3 FT	See website	6.0 (5.5)	• •
Physical Education (BA Hons)	4K59	3 FT	112   BBC   DMM	6.0 (5.5)	••••

<sup>\*</sup>with minimum component score

## **ENGINEERING**

#### **ENGINEERING**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Building Services Engineering Project Management (BSc Hons)	KN2F	3/4 FT	104   BCC   DMM	6.0 (5.5)	•••
Software Engineering (BSc Hons)	G600	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • • •

<sup>\*</sup>with minimum component score

#### CIVIL ENGINEERING

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Architectural Engineering (BEng Hons)	2B78	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • •
Architectural Engineering (MEng Hons)	2D36	4/5 FT	128   ABB   DDM	6.0 (5.5)	• • •
Civil Engineering (BEng Hons)	H200	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Civil Engineering (MEng Hons)	H202	4/5 FT	128   ABB   DDM	6.0 (5.5)	• • • •
Civil Engineering and Architecture (MEng Hons)	H2KC	4/5 FT	128   ABB   DDM	6.0 (5.5)	•••
Civil Engineering and Construction Management (MEng Hons)	H2K2	4/5 FT	128   ABB   DDM	6.0 (5.5)	•••
Civil and Environmental Engineering (MEng Hons)	T369	4/5 FT	128   ABB   DDM	6.0 (5.5)	•••
Civil and Offshore Engineering (MEng Hons)	T457	4/5 FT	128   ABB   DDM	6.0 (5.5)	•••
Civil and Structural Engineering (MEng Hons)	6A12	4/5 FT	128   ABB   DDM	6.0 (5.5)	•••
Civil and Transportation Engineering (MEng Hons)	T337	4/5 FT	128   ABB   DDM	6.0 (5.5)	•••
Construction Engineering (BEng Hons)	F117	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • • •

<sup>\*</sup>with minimum component score

#### **ELECTRICAL ENGINEERING**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Audio and Music Production (BSc Hons)	J930	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••
Building Services Engineering (BEng Hons)	K200	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • •
Building Services Engineering (MEng Hons)	K290	4/5 FT	128   ABB   DDM	6.0 (5.5)	• • •
Control and Automation Engineering (BEng Hons)	D367	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Electronic Engineering (BEng Hons)	D385	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••
Electrical and Electronic Engineering (BEng Hons)	H600	3/4 FT	112   BBC   DMM	6.0 (5.5)	• •
Electrical and Electronic Engineering (MEng Hons)	H602	4/5 FT	128   ABB   DDM	6.0 (5.5)	••
Electrical Power Engineering (BEng Hons)	P148	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••
Mechatronics and Autonomous Systems (BEng Hons)	F001	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Mechatronics and Autonomous Systems (MEng Hons)	F003	4/5 FT	128   ABB   DDM	6.0 (5.5)	••••

<sup>\*</sup>with minimum component score

#### MECHANICAL ENGINEERING

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Building Services Engineering (BEng Hons)	K200	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••
Building Services Engineering (MEng Hons)	K290	4/5 FT	128   ABB   DDM	6.0 (5.5)	• • • •
Marine and Mechanical Engineering (BEng Hons)	H350	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Marine and Mechanical Engineering (MEng Hons)	H390	4/5 FT	128   ABB   DDM	6.0 (5.5)	•••
Mechanical Engineering (BEng Hons)	H300	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••
Mechanical Engineering (MEng Hons)	H301	4/5 FT	128   ABB   DDM	6.0 (5.5)	• • • •
Mechanical Engineering with Management (BEng Hons)	P348	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Mechanical Engineering with Management (MEng Hons)	2L46	4/5 FT	128   ABB   DDM	6.0 (5.5)	••••
Mechatronics and Autonomous Systems (BEng Hons)	F001	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Mechatronics and Autonomous Systems (BEng Hons)	F001	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Product Design Engineering (BSc Hons)	H772	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • • •

<sup>\*</sup>with minimum component score

## **ENGLISH LITERATURE AND CREATIVE WRITING**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Creative Writing (BA Hons)	W800	3 FT	104   BCC   DMM	6.5 (6.0)	• •
Creative Writing and Film Studies (BA Hons)	WW86	3 FT	112   BBC   DMM	6.5 (6.0)	••
Drama and Creative Writing (BA Hons)	WW48	3 FT	104   BCC   DMM	6.5 (6.0)	•••
Drama and English Literature (BA Hons)	QW34	3 FT	104   BCC   See website	6.5 (6.0)	••••
English Literature (BA Hons)	Q300	3 FT	104   BCC   See website	6.0 (5.5)	• • •
English Literature and Creative Writing (BA Hons)	WQ83	3 FT	104   BCC   See website	6.5 (6.0)	••
English and Media and Cultural Studies (BA Hons)	PQ33	3 FT	104   BCC   See website	6.0 (5.5)	•••
History and English Literature (BA Hons)	QV31	3 FT	104   BCC   See website	6.0 (5.5)	• •

<sup>\*</sup>with minimum component score

### **FORENSICS**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Computer Forensics (BSc Hons)	G550	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Forensic Anthropology (BSc Hons)	FL4P	3/4 FT	112   BBC   DMM	6.0 (5.5)	00000
Forensic Psychology and Criminal Justice (BSc Hons)	CM82	3 FT	128   ABB   DDM	6.0 (5.5)	• • • •
Forensic Science (BSc Hons)	F410	3/4 FT	112   BBC   DMM	6.0 (5.5)	•0••••
Policing Studies and Forensic Psychology (BSc Hons)	MC11	3 FT	104   BCC   DMM	6.0 (5.5)	••
Policing Studies and Forensics (BSc Hons)	MF11	3 FT	104   BCC   DMM	6.0 (5.5)	• •

<sup>\*</sup>with minimum component score

## GEOGRAPHY AND ENVIRONMENTAL SCIENCES

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Geography (BSc Hons)	F800	3 FT	112   BBC   DMM	6.0 (5.5)	0000000
Wildlife Conservation (BSc Hons)	C930	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••••

<sup>\*</sup>with minimum component score

## **HEALTH AND NUTRITION**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Biomedical Science (BSc Hons)	B940	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Environmental Health (BSc Hons)	B911	3 FT	112   BBC   DMM	6.0 (5.5)	• • • •
Nursing (International) Top Up Degree (BSc Hons)	N/A	1 FT	See website	6.0 (5.5)	•
Nutrition (BSc Hons)	DB64	3 FT	104   BCC   DMM	6.0 (5.5)	••••
Pharmaceutical Science (BSc Hons)	F195	3/4 FT	104   BCC   DMM	6.0 (5.5)	•••••
Pharmacy (MPharm)	B201	4 FT	120   BBB   See website	7.0 (6.5)	••••
Public Health (BSc Hons)	LL51	3 FT	112   BBC   DMM	6.0 (5.5)	• •
Sport and Exercise Science (BSc Hons)	C600	3FT	120   BBB   DDD	6.0 (5.5)	••••
Sport and Nutrition for Health (BSc Hons)	5H88	3 FT	112   BBC   DMM	6.0 (5.5)	••••
Sport Psychology (BSc Hons)	C890	3 FT	112   BBC   DDM	6.0 (5.5)	••••

<sup>\*</sup>with minimum component score

### **HISTORY**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
History (BA Hons)	V100	3FT	112   BBC   DMM	6.0 (5.5)	0 • • •
History and English Literature (BA Hons)	QV31	3 FT	104   BCC   See website	6.0 (5.5)	0 • • •
History of Art and Museum Studies (BA Hons)	VP31	3 FT	112   BBC   DMM	6.0 (5.5)	0 • •
International Relations and Politics (BA Hons)	A006	3 FT	112   BBC   DMM	6.0 (5.5)	000

<sup>\*</sup>with minimum component score

## **JOURNALISM, MEDIA AND FILM**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Audio and Music Production (BSc Hons)	J930	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••
Business and Public Relations (BA Hons)	NP12	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••••
Creative Writing and Film Studies (BA Hons)	WW86	3 FT	112   BBC   DMM	6.5 (6.0)	??
English and Media and Cultural Studies (BA Hons)	PQ33	3 FT	104   BCC   See website	6.0 (5.5)	• • •
Film Studies (BA Hons)	P303	3 FT	112   BBC   DMM	6.0 (5.5)	• •
Journalism (BA Hons)	P500	3 FT	112   BBC   DMM	7.5 (7.5)	•••
Media, Culture, Communication (BA Hons)	LP63	3 FT	104   BCC   DMM	6.0 (5.5)	• •
Media Production (BA Hons)	P300	3 FT	104   BCC   DMM	6.5 (6.0)	• • •
Sports Journalism (BA Hons)	PP55	3 FT	112   BBC   DMM	7.5 (7.5)	•
Video Production and Streaming (BSc Hons)	PP39	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••

<sup>\*</sup>with minimum component score

### **LAW**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Criminal Justice (BA Hons)	M291	3 FT	112   BBC   DMM	6.0 (5.5)	0 • • •
Criminology and Psychology (BSc Hons)	MC2W	3 FT	112   BBC   DMM	6.0 (5.5)	• • •
Criminology and Sociology (BA Hons)	ML23	3 FT	104   BCC   DMM	6.0 (5.5)	0000
Forensic Psychology and Criminal Justice (BSc Hons)	CM82	3 FT	128   ABB   DDM	6.0 (5.5)	•••
Forensic Science (BSc Hons)	F410	3/4 FT	112   BBC   DMM	6.0 (5.5)	•0•••
Law (LLB Hons)	M100	3/4 FT	120   BBB   DMM	6.0 (5.5)	•••••
Law and Business (BA Hons)	LABS	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • •
Law and Criminal Justice (LLB Hons)	MM12	3 FT	120   BBB   DDM	6.0 (5.5)	• • • •

<sup>\*</sup>with minimum component score

### **MARITIME**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Marine and Mechanical Engineering (BEng Hons)	H350	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Marine and Mechanical Engineering (MEng Hons)	H390	4/5 FT	128   ABB   DDM	6.0 (5.5)	•••
Maritime Business and Management (BSc Hons)	N910	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Nautical Science (BSc Hons)	J600	4 FT	112   BBC   DMM	6.0 (5.5)	••0

<sup>\*</sup>with minimum component score

## **MATHEMATICS**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Mathematics (BSc Hons)	GN11	3/4 FT	112   BBC   DMM	6.0 (5.5)	••••
Mathematics with Finance (BSc Hons)	GN13	3/4 FT	112 BBC DMM	6.0 (5.5)	•••

<sup>\*</sup>with minimum component score

### **NURSING**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Nursing (International) Top Up Degree (BSc Hons)	N/A	1 FT	See website	6.0 (5.5)	•

<sup>\*</sup>with minimum component score

## **PERFORMING ARTS**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Drama (BA Hons)	W400	3 FT	104   BCC   DMM	6.5 (6.0)	• • • •
Drama and Creative Writing (BA Hons)	WW48	3 FT	104   BCC   DMM	6.5 (6.0)	• • • •
Drama and English Literature (BA Hons)	QW34	3 FT	104   BCC   See website	6.5 (6.0)	• • • •

<sup>\*</sup>with minimum component score

## PHARMACY AND PHARMACEUTICAL SCIENCE

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Pharmaceutical Science (BSc Hons)	F195	3/4 FT	104   BCC   DMM	6.0 (5.5)	••••
Pharmacy (MPharm)	B201	4 FT	120   BBB   See website	7.0 (6.5)	••••

<sup>\*</sup>with minimum component score

### **POLICING**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Criminology and Sociology (BA Hons)	ML23	3 FT	104   BCC   DMM	6.0 (5.5)	0000
Forensic Psychology and Criminal Justice (BSc Hons)	CM82	3 FT	128   ABB   DDM	6.0 (5.5)	• • • •
Forensic Science (BSc Hons)	F410	3/4 FT	112   BBC   DMM	6.0 (5.5)	•••••
Policing Studies (BA Hons)	L232	3 FT/ 4/6 PT	104   BCC   DMM	6.0 (5.5)	• •
Policing Studies and Cybercrime (BSc Hons)	M900	3 FT	104   BCC   DMM	6.0 (5.5)	••
Policing Studies and Forensic Psychology (BSc Hons)	MC11	3 FT	104   BCC   DMM	6.0 (5.5)	••
Policing Studies and Forensics (BSc Hons)	MF11	3 FT	104   BCC   DMM	6.0 (5.5)	• •
Professional Policing (BA Hons)	A007	3 FT	96   CCC   MMM	6.0 (5.5)	• •

<sup>\*</sup>with minimum component score

### **PSYCHOLOGY**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Criminology and Psychology (BSc Hons)	MC2W	3 FT	112   BBC   DMM	6.0 (5.5)	• • •
Criminology and Sociology (BA Hons)	ML23	3 FT	104   BCC   DMM	6.0 (5.5)	0000
Forensic Psychology and Criminal Justice (BSc Hons)	CM82	3FT	128   ABB   DDM	6.0 (5.5)	•••
Policing Studies and Forensic Psychology (BSc Hons)	MC11	3 FT	104   BCC   DMM	6.0 (5.5)	••
Psychology (BSc Hons)	C870	3 FT	112   BBC   DMM	6.0 (5.5)	0 • • • •
Sport Development (BA Hons)	3Q79	3 FT	112   BBC   DMM	6.0 (5.5)	
Sport Psychology (BSc Hons)	C890	3 FT	112   BBC   DDM	6.0 (5.5)	0 • • • • • 0

<sup>\*</sup>with minimum component score

## **SOCIAL SCIENCES**

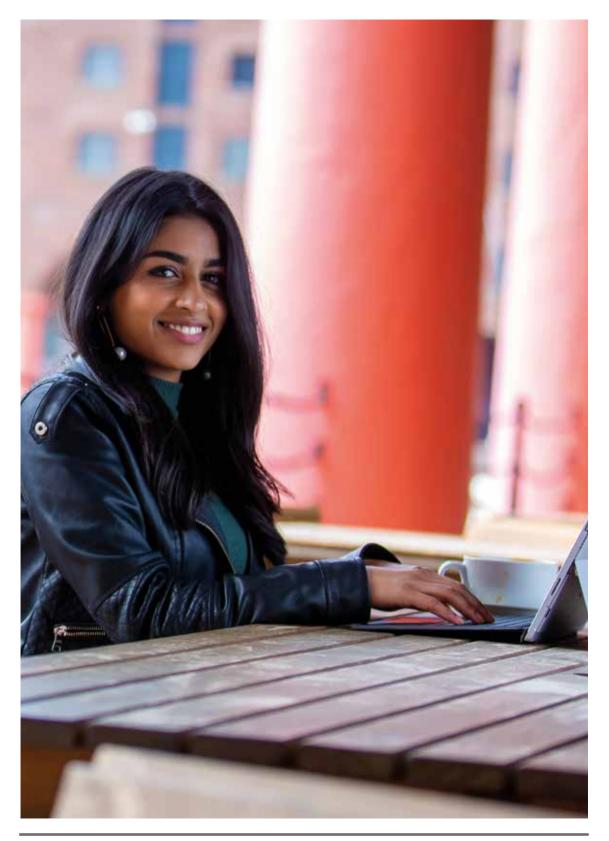
Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Criminology (BA Hons)	M212	3 FT	112   BBC   DMM	6.0 (5.5)	
Criminology and Psychology (BSc Hons)	MC2W	3 FT	112   BBC   DMM	6.0 (5.5)	• • •
Criminology and Sociology (BA Hons)	ML23	3 FT	104   BCC   DMM	6.0 (5.5)	00 • •
English and Media and Cultural Studies (BA Hons)	PQ33	3 FT	104   BCC   See website	6.0 (5.5)	•••
International Relations and Politics (BA Hons)	A006	3 FT	112   BBC   DMM	6.0 (5.5)	0 • •
Law (LLB Hons)	M100	3/4 FT	120   BBB   DMM	6.0 (5.5)	•••••
Law and Business (BA Hons)	LABS	3/4 FT	112   BBC   DMM	6.0 (5.5)	• • •
Law and Criminal Justice (LLB Hons)	MM12	3 FT	120   BBB   DDM	6.0 (5.5)	• • • •
Media, Culture, Communication (BA Hons)	LP63	3 FT	104   BCC   DMM	6.0 (5.5)	• •
Policing Studies (BA Hons)	L232	3 FT/ 4/6 PT	104   BCC   DMM	6.0 (5.5)	• •
Policing Studies and Cybercrime (BSc Hons)	M900	3 FT	104   BCC   DMM	6.0 (5.5)	••
Policing Studies and Forensic Psychology (BSc Hons)	MC11	3 FT	104   BCC   DMM	6.0 (5.5)	• •
Policing Studies and Forensics (BSc Hons)	MF11	3 FT	104   BCC   DMM	6.0 (5.5)	• •
Sociology (BA Hons)	L300	3 FT	104   BCC   DMM	6.0 (5.5)	•••

<sup>\*</sup>with minimum component score

## **SPORT**

Course title (qualification)	UCAS code	Duration (yrs)	Average entry requirements UCAS   A Level   BTEC (ext. dip)	IELTS*	Extra information
Physical Education (BA Hons)	4K59	3 FT	112   BBC   DMM	6.0 (5.5)	••••
Science and Football (BSc Hons)	CXQ3	3/4 FT	112   BBC   DDM	6.0 (5.5)	••••
Sport and Exercise Science (BSc Hons)	C600	3 FT	120   BBB   DDD	6.0 (5.5)	••••
Sport and Nutrition for Health (BSc Hons)	5H88	3 FT	112   BBC   DMM	6.0 (5.5)	•••
Sport Business (BA Hons)	7R21	3 FT	112   BBC   DMM	6.0 (5.5)	•••
Sport Coaching (BSc Hons)	XC16	3 FT	112   BBC   DMM	6.0 (5.5)	• • • • •
Sport Psychology (BSc Hons)	C890	3 FT	112   BBC   DDM	6.0 (5.5)	••••
Sports Journalism (BA Hons)	PP55	3 FT	112   BBC   DMM	7.5 (7.5)	•

<sup>\*</sup>with minimum component score



#### **ACCOUNTING AND FINANCE**

#### BSc (Hons)

This professionally accredited degree will develop your practical skills, theoretical knowledge and management techniques to equip you for a career in accountancy or more general business areas.

#### **COURSE OVERVIEW**

- 94% of our students said they were satisfied with their course (National Student Survey, 2019)
- Professional accreditation from the four main accountancy bodies in England and Wales
- Tutors trained at top firms such as Deloitte and Ernst and Young
- I Option to undertake a year work placement
- Opportunities to study abroad

#### **MODULES**

#### Level 4

Introduction to Financial Accounting; Business Mathematics and Statistics; Introduction to Economics; Academic and Professional Awareness; Introduction to Financial Reporting and Corporate Governance; Management and Cost Accounting

#### Level 5

Financial Accounting; Management Accounting for Decision Making; Financial Management; Developing Employability; Data Analysis for Accounting; Law for Accountants

#### Level 6

Advanced Financial Accounting; Strategic Management Accounting; Corporate Finance; Management People and Organisations; Options typically offered: Taxation; Auditing and Assurance; International Finance: Personal Finance

#### WORK-RELATED LEARNING

In level 5, you can decide whether to undertake a paid 48-week work placement in the UK or overseas between levels 5 and 6.

Placements give you experience of what it's like to work in the finance sector as well as giving you a chance to put your learning into practice, develop personal skills and enhance your employability.

Liverpool Business School's Employability Support Unit will help you find suitable vacancies and support you during the application process and whilst on placement.

Previous accounting and finance students have completed placements with organisations as diverse as the NHS, Disney and Unilever.

#### CAREER PROSPECTS

Liverpool Business School has an excellent employment record. Most graduates go on to complete three-year training contracts with professional accountancy firms or private/public sector organisations while studying part time for their remaining professional accountancy exams. Many contracts enable you to specialise in areas such as audit/assurance, tax and corporate finance.

Outside accountancy, graduates have forged successful careers within retail, investment banks and financial services.

#### **ACCREDITATION**



#### **ANIMAL BEHAVIOUR**

#### **BSc (Hons)**

Learn from experts in animal behaviour and complete work-related learning with a variety of animal-related organisations, such as overseas research projects, zoos, wildlife parks and rescue centres. The course explains animal behaviour in relation to animal evolution, ecology, physiology, neurobiology and genetics.

#### **COURSE OVERVIEW**

- Regular visits to local zoos and wildlife parks to observe the behaviour of captive animals
- Study the behaviour of wild, captive and companion animals, with opportunities for overseas fieldwork
- Overseas field skills trip included in the fees and opportunity for self-funded overseas field expedition
- Opportunities for work-related learning, study abroad and/or a year-long sandwich placement
- Prepares you for a career in science, animal welfare, husbandry or conservation
- Taught by animal behaviour experts at the forefront of modern research
- I Specialist lectures from visiting animal behaviour experts

#### **MODULES**

#### Level 4

Fundamentals of Scientific Research; Practical Skills for Animal Behaviour; Animal Behaviour; Evolution and Inheritance; Ecology; Animal Physiology

#### Level 5

Brain, Hormones and Behaviour; Animals in Motion; Animal Communication; Behavioural Ecology; Research Skills and Employability

With the following options typically offered: Animal Field Skills (includes residential fieldwork overseas); Companion Animal Behaviour

#### Level 6

Independent Research Project; Advances in Animal Behaviour; Options typically offered: Animal Learning and Cognition; Animal Social Systems; Animal Welfare; International Expedition (includes residential fieldwork overseas – student contribution required); Work-based Learning (includes a placement); Neurobiology; Zoo Conservation and Genebanks

#### WORK-RELATED LEARNING

The course provides plenty of opportunities for first-hand work experience via an optional year-long sandwich placement or a 4-6 week learning placement. A placement tutor will help you find the right placement, either in the UK or overseas, and once you start, you will have regular support from a supervisor.

#### **CAREER PROSPECTS**

You will enjoy varied career opportunities both in the UK and overseas, as graduates are sought in zoos, aquariums, wildlife parks, rescue, conservation and welfare centres. You may prefer to practise as a professional animal behaviourist after some further postgraduate study and clinical training. Recent graduates have secured full-time employment in roles such as Research Officers, Animal Colony Managers and Animal Welfare Coordinators in organisations such as: Combe Martin Wildlife Park, Chester Zoo, Dolphin Quest, Durrell Wildlife Conservation Trust, Genus, Newquay Zoo and North Clwyd Animal Rescue. Other graduates have opted for postgraduate study (teacher training, MSc, MPhil or PhD), pursuing a career in science and academia or have set up their own businesses.

#### ARCHITECTURAL ENGINEERING

#### BEng (Hons) MEng (Hons)

If you're interested in building a better tomorrow and enhancing our built environment, Architectural Engineering is the ideal course.

#### **COURSE OVERVIEW**

- Available as BEng and MEng qualification
- I Course developed in partnership with practising architectural engineers
- Degree covers both the domestic sector and commercial buildings, new and refurbished
- Opportunity to undertake a year's industrial work placement

- Dedicated Industry Unit to identify both placement opportunities and potential employers, both in the UK and overseas
- Annual employers' day event helps students find placements and make useful industry contacts

#### **MODULES**

#### Level 4

Construction technology; Engineering mathematics; Collaborative interdisciplinary project; Science and materials; Academic and digital literacy; Engineering principles; Architectural engineering project

#### Level 5

Applied mathematics; Mechanical engineering for buildings; Electrical engineering for buildings; Site production management; Building engineering collaborative project 2; Architectural engineering project 2; Building engineering research methods

#### Level 6

Construction site management; Environmental analysis; Buildings, energy and sustainability; Architectural engineering project 3; Building engineering research project

#### Level 7 (MEng only)

Energy and environment; Commissioning, maintenance and facilities management; Leadership for a sustainable environment; Building engineering research and design project

#### WORK-RELATED LEARNING

Projects supported by employers in the field are an important element of this degree course as they allow you to apply what you have learnt to real-life situations. However, the best way to put your skills and knowledge into practice is to undertake a year's work placement between level 5 and 6.

In fact some of our students have been offered employment before the end of their final year.

#### CAREER PROSPECTS

Graduates work alongside other professionals such as architects, construction managers, quantity surveyors and building services engineers in the design of new buildings and the maintenance and refurbishment of existing buildings. Architectural Engineering graduates are employed around the world with consulting engineers, architectural practices, contractors, public authorities and manufacturers.

#### ARCHITECTURAL TECHNOLOGY

#### **BSc (Hons)**

You'll benefit from expert academic tuition plus skills development in the production of architectural drawings and construction details using CAD/ Revit with this degree.

#### **COURSE OVERVIEW**

- Fully accredited by the Chartered Institute of Architectural Technologists (CIAT)
- Opportunity to undertake a year's industrial placement or study abroad
- Opportunity to participate in collaborative interdisciplinary projects
- £6 million investment in developing state- of-the-art teaching facilities
- Stepping stone to a varied career, or to further study

#### **MODULES**

#### Level 4

Students gain basic knowledge and theory of the architectural technology discipline. Students will study key themes in construction technology, environmental science and materials, and architectural design and specification. Students will participate in a collaborative interdisciplinary project, and will become skilled in academic and digital literacy

#### Level 5

Students develop understanding of the regulatory requirements for construction projects and produce architectural drawings for a building refurbishment project

#### Level 6

Students focus on key concepts around strategic design and technical detailing appropriate for the architectural technology discipline. This is achieved by a major comprehensive design project for a complex building, for example a school. The project culminates in an end of year presentation, critical review and end-of-year show with students presenting their work to industry experts

#### **WORK-RELATED LEARNING**

The best way to experience working in the industry is to undertake a year's professional work placement, either in the UK or overseas, so you can put into practice what you have learnt in your first two years at LJMU. Taking the sandwich option will greatly improve your career prospects and could even lead to a permanent position with your placement employer.

The placement is fully paid and is an invaluable opportunity to learn new skills and gain hands-on experience that will add real value to your CV and impress future employers.

#### CAREER PROSPECTS

Chartered Architectural Technologists lead the technological design within architecture between concept, innovation and reality. You can set up your own practice, provide a full architectural design service and lead projects of all shapes and sizes from start to finish from new homes and hotels to shopping centres and sports stadia.

#### **ACCREDITATION**



#### **ARCHITECTURE**

#### **BA (Hons)**

This professionally validated programme gives you the opportunity to work on a range of authentic architectural projects with input from practicing architects in a dynamic studio environment with access industry standard technical facilities.

#### **COURSE OVERVIEW**

- Students can access study abroad opportunities and apply for overseas travel awards
- Access to some of the best examples of urban redevelopment and iconic buildings
- I Teaching in the RIBA award-winning, John Lennon Art and Design Building
- Opportunities for overseas exchanges and study trips
- Exemptions from RIBA/ARB Part 1 exams on graduation
- Direct involvement in live artistic projects taking place in the city
- For news, events, including student-led events, course information and student work and staff research, visit: architecture-limu.tumblr.com

#### **MODULES**

#### Level 4

History & Theory 1; Architectural Evaluation; Architectural Design 1; Architectural Design 2 – Origination; Architectural Design 2 – Resolution; Technology & Practice

#### Level 5

History & Theory 2; Urban Design Strategy; Urban Design Project; Experimental Design –Origination; Experimental Design – Resolution; Technology & Practice 2

#### Level 6

CDP Research: Architectural Design 3 – Origination; Architectural Design 3 – Resolution; Comprehensive Design Project; Technology & Practice 3

#### WORK-RELATED LEARNING

Alongside your development of professional architectural skills, you will gain transferable skills that will enhance your employability once you graduate. You will hear from a range of guest speakers, as part of the School of Art and Design's Masters Series lectures. You will also have opportunities to participate in symposia run by the Architecture department as well as opportunities to enter competitions relating to professional development.

#### CAREER PROSPECTS

To become a registered architect you usually need to work for an additional year in architectural practice then complete a two-year Master of Architecture (MArch) diploma. Once you have passed the RIBA Part 3 exams, you can practice in any EU or commonwealth country and many other countries outside the EU.

If after graduating you choose not to go down the route of becoming a registered architect, a range of 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. Many of our graduates have successfully secured employment at world-class practices throughout the UK and further afield.

#### **ACCREDITATION**



#### **ASTROPHYSICS**

#### **MPhys**

This degree course in Astrophysics is delivered by world-leading academics with access to specialist facilities at both LJMU and the University of Liverpool.

#### **COURSE OVERVIEW**

- I Taught by world-leading academics from both LJMU and the University of Liverpool
- Level 5 field trip to a Tenerife Observatory
- I Eligibility to join the Institute of Physics to obtain Chartered Physicist status on graduation
- Friendly department with an 'open door' policy and active physics society

#### **MODULES**

#### Level 4

Newtonian Dynamics; Material Universe; Computer skills; Mathematics; Practical Physics; Wave Phenomena; Modern Physics; Introduction to Astronomy

#### Level 5

Electromagnetism; Condensed Matter; Computing Skills; Mathematics; Practical Astrophysics; Quantum and Atomic Physics; Nuclear and Particle Physics

#### evel 6

Stellar Astrophysics; Galaxies; Quantum Mechanics; Nuclear Physics; Advanced Observational Astrophysics; Relativity and Cosmology; Particle Physics; Accelerators and Radioisotopes in Medicine; Condensed Matter Physics; Advanced Electromagnetism; Surface Physics; Physics of Life; Materials Physics; Physics of Energy Sources; Semiconductor Applications; Practical Astronomy; Stellar Dynamics; Physics of the Radiative Universe

#### Level 7

The Interstellar Medium; Communication of Astrophysical Ideas; Research Project; Computational Astrophysics; Condensed Matter Physics; Materials Physics; Semiconductor Applications; Statistical and Low Temperature Physics; Advanced Quantum Physics; Accelerator Physics; Advanced Stellar Physics; Stellar Dynamics; Physics of the Radiative Universe; Magnetic Structure and Function; Nanoscale Physics; Advanced Electromagnetism; Surface Physics; Physics of Life; Radiation Therapy Applications; Physics of Energy Sources; Advanced Nuclear Physics; Advanced Particle Physics; Chaos Theory Relativity

#### WORK-RELATED LEARNING

Employers respect the dedication and hard work required to obtain a good degree in Physics, and they find the range of transferable skills acquired during the course particularly attractive. This allows them to explore careers in many areas including pure research, telecommunications, microelectronics, renewable energy, nuclear power and instrumentation, cryogenics, astronomy, geophysics, medical physics, materials science, information technology, commerce and management.

#### **CAREER PROSPECTS**

As an Astrophysics graduate, you will leave LJMU with skills in problem solving, numeracy, analysis, practical experimentation, computing, teamwork and communication. Your degree will open the gateway to careers in research, development and teaching as well as computing, business and finance.

LJMU graduates have gone on to secure employment in telecommunications, microelectronics, renewable energy, nuclear power and instrumentation, cryogenics, astronomy, geophysics and medical physics.

#### **AUDIO AND MUSIC PRODUCTION**

#### BSc (Hons)

Graduate from this BSc degree course with the technical skills and the business management awareness needed to succeed in the audio/music production industry.

#### **COURSE OVERVIEW**

- Excellent student support from academic tutors and student mentors, including a threeday field activity to help new students get to know their course mates and tutors
- Our application-led curriculum (designed in line with advice from industrial partners) emphasises an understanding of the concepts and theories that underpin technology as well as their application to real-world professional scenarios.
- Teaching is supported by relevant laboratories and workshops (including recording, radio and television studios) with state-of-the-art software and excellent technical support
- Option to complete a validated yearlong industrial placement

#### **MODULES**

#### Level 4

Computer Audio Technology; The Media Industry; Spreadsheets and Data Presentation; Audio Production Technology; Practical Audio Production; Sound Technology: Radio and Podcasting

#### Level 5

Audio Recording; Broadcast Standards; The Media Entrepreneur; Live Performance Operations; Broadcast Studio Operations; Sound for TV; Film and Games

#### Level 6

Music Video Production; Devices, Apps and Streaming; Project Preparation; Career Management; Audio Restoration and Digital Enhancement Project

#### **WORK-RELATED LEARNING**

This course offers an invaluable opportunity to undertake a sandwich year or placement working in the industry after your second year. This experience cannot be underestimated as it will give you a chance to put what you have learnt in the first two years into practice, enhance your skills and provide a taste of what it's really like to work in the industry. It will also give you a head start when you come to negotiate your way around the competitive job market.

#### **CAREER PROSPECTS**

The first group of students from the BSc Audio and Music Production degree graduated in 2011, with a number securing employment with high profile companies, including BBC Radio 4 and Sky, clearly demonstrating the calibre of both our students and the programme itself.

Since then have continued this successful employment profile with companies such as Adlib, ITV, Bradford City Film, ADI TV and various independent recording studios.

Graduate opportunities include working as sound engineers or in sound production working in television and radio companies, theatres, event venues and music recording studios. Many graduates have also started their own recording/production companies.

#### **BIOCHEMISTRY**

#### **BSc (Hons)**

The BSc (Hons) Biochemistry is taught in state-ofthe-art facilities and includes extensive opportunities to secure practical hands-on experience.

#### **COURSE OVERVIEW**

- £6 million invested in state-of-the-art teaching facilities
- I Faculty laboratory refurbished in 2016
- Opportunities to undertake a year's industrial placement or Erasmus placement
- Stepping stone to more specialist MSc study in Industrial Biotechnology or Cosmetic Science

#### **MODULES**

#### Level 4

Practical Skills in Biochemistry; Introduction to Structural and Functional Biochemistry; Introduction to Cell and Molecular Biology; Physiological Biochemistry; Biochemistry Employability; Introduction to Microbiology and Biotechnology

#### Level 5

Methods in Biochemistry; Metabolic Biochemistry; Microbiology and Biotechnology; Structural and Functional Biochemistry; Molecular Biology and Functional Genomics; Molecular Cell Biology

#### Level 6

Research Project; Advanced Structural and Functional Biochemistry; Biochemistry Symposia; Advanced Cell and Molecular Biology; Options typically offered: Microbial Technology; Cancer; Biomaterials; Work-Based Learning; Applications of Genetics in Health and Disease; Neurobiology

#### WORK-RELATED LEARNING

As part of your work-related learning, we highly recommend that you opt to undertake a year's work placement after your second year. This will not only give you a chance to put into practice what you have learnt in the first two years but it will also help you develop your personal skills, earn a salary while taking a year's break from formal study and add real value to your CV.

#### CAREER PROSPECTS

Pharmaceutical companies and others involved in the food, cosmetics and toiletries industries employ many of our biochemistry graduates directly. However, you may wish to use your qualification to undertake further study or training before entering employment.

Some graduates prefer to continue their studies with postgraduate study (PGCE/PGDE, MSc, MPhil, MRes or PhD) in topics as wide ranging as tropical medicine, cardiovascular disease, biomedical sciences, oncology, biotechnology, toxicology, virology and cosmetic science. Other graduates have chosen to move to non-science careers such as marketing, management, law and other graduate disciplines.

#### **BIOLOGY**

#### **BSc (Hons)**

The professionally accredited BSc (Hons) Biology opens up the fascinating subject of biology, providing a core understanding of biological theory and practical skills, whilst giving you the opportunity to study a variety of specialisms, including genetics, microbiology, neurobiology, development and ecology.

#### **COURSE OVERVIEW**

- Accredited by the Royal Society of Biology
- Optional overseas field skills trip included in the fees (currently goes to Tenerife) and opportunity for self-funded overseas field expedition
- Stepping stone to careers in diverse fields such as genetics, microbiology, embryology, clinical science, radiography and environmental sciences
- Option to choose between a year's work placement or a 135 hour work-based learning placement
- £6 million invested in state-of-the-art teaching facilities

#### **MODULES**

#### Level 4

Genetics and Evolution; Microbiology; Physiology; Ecology; Practical Skills for Biology; Fundamentals of Scientific Research

#### Level 5

Diversity and Evolution of Life; Physiology of Life; Research Skills and Employability; Options typically offered: Developmental Biology; Genes and Genomes; Ecology Field Skills; Immunology and Infection; Marine and Freshwater Biology

#### Level 6

Health and Disease; Research Project; Options typically offered: Advanced Immunology and Infection; Applications of Genetics in Health and Disease; Applied Marine Biology; Forensic Bioscience; Frontiers of Ecology; International Expedition; Neurobiology; Parasitology; Work-Based Learning

#### WORK-RELATED LEARNING

You have the opportunity to undertake a 135 hour work-based placement or a 12-month placement with a relevant organisation in the UK or abroad. This will not only give you a chance to put into practice what you have learnt in the first two years, it will also help you develop your personal skills and add real value to your CV. Many students who undertake placements have gone on to work for the same organisation after they graduate.

#### CAREER PROSPECTS

Many students have gone on to work in a variety of biological areas, such as embryology, clinical science, research and development laboratories and microbiological food and water safety. Our graduates work at a number of organisations including: Unilever, Axion Veterinary Laboratories, Astra Zeneca/ Medlmmune, Bioquell, Elucigene Diagnostics, The Christie Hospital; conservation organisations including Chester Zoo, Brecknock Wildlife Trust and Operation Wallace; and environmental agencies, such as Kingfisher Environmental Services. Some prefer to continue their studies with postgraduate study (PGCE/PGDE, MSc, MPhil, MRes, or PhD) in topics as wide ranging as human nutrition, oncology, molecular medicine, tropical medicine and embryology, or others go into teaching and lecturing.

#### **ACCREDITATION**



#### **BIOMEDICAL SCIENCE**

#### BSc (Hons)

The professionally accredited BSc (Hons) Biomedical Science offers you exciting placement opportunities with our industry partners. The development of advanced laboratory skills are integral to this fascinating degree which covers the broad areas of human bioscience and diagnostic science.

#### COURSE OVERVIEW

- Approved and accredited by the Health and Care Professions Council and the Institute of Biomedical Science
- Opportunity to undertake a year's work placement
- May apply to specialise in Applied Biomedical Science with regular pathology laboratory practice
- Links with local organisations, such as the Roy Castle Foundation Laboratories for research into lung cancer, Transplant Immunology at the University of Liverpool, many local NHS pathology departments, including those at Alder Hey Children's Hospital, Whiston Hospital and the Liverpool Women's Hospital, Mast Diagnostics and Eden Bioscience
- Lively department with excellent teaching and active research

#### **MODULES**

#### Level 4

Biomedical Skills; Cell Biology; Principles of Biochemistry; Introduction to Biomedical Science; Anatomy, Physiology and Genetics; Microbiology

#### Level 5

Biomedical Research Methods; Clinical Biochemistry; Immunology and Infection; Perspectives in Biomedical Science; Histology and Physiology; Blood Cell Science

#### Level 6

Research Project; Study of Disease 1; Study of Disease 2; Study of Disease 3: Options typically offered: Cancer; Nutraceuticals and Toxicology; Advanced Immunology and Infection; Biomaterials; Work Based Learning

#### WORK-RELATED LEARNING

This course is highly vocational with a strong element of work-related learning. For those students who are successful in their application to take the applied biomedical science route, this provides an opportunity to find out what it's like to work in a pathology lab. The sandwich option provides a year's work experience in industry and there are opportunities for shorter periods of work experience.

#### CAREER PROSPECTS

Graduates pursue careers in the pathology and public health laboratory services, providing diagnostic, prognostic, monitoring and other support for patients. Others enter the pharmaceutical industry to work in research and drug development, other laboratory-based careers, clinical trials fieldwork, sales and marketing for diagnostic and therapeutic products, for the Health and Safety Executive and in medical records. Some students also opt to do further qualifications, such as postgraduate medicine, teaching, specialised MSc programmes or research qualifications.

#### **ACCREDITATION**



#### **BIOTECHNOLOGY**

#### **BSc (Hons)**

This programme explores the manipulation of biomolecular processes to develop technologies and products that address global challenges in health, food and the environment. The course provides excellent facilities to develop practical skills and exciting opportunities to engage with industry.

#### **COURSE OVERVIEW**

- I Gain an understanding of the principles and applications of biotechnology and practise the latest molecular, bioprocessing and analytical techniques
- Offers fascinating research projects in areas such as synthetic biology, genetic engineering of crop plants, fermentation technology, bioremediation and antimicrobial resistance
- Benefit from strong links with industry for industrial placements
- Excellent spring board into careers as diverse as biopharmaceutical manufacturing, drug discovery and development, food technology and biofuel production
- Opportunities to undertake a year's industrial placement or Erasmus placement
- Stepping stone to postgraduate study in MSc Industrial Biotechnology

#### **MODULES**

#### Level 4

Introduction to Biotechnology; Introduction to Structural and Functional Biochemistry; Introduction to Molecular Biology; Practical Skills in Biotechnology; Physiological Biochemistry; Microbial Biotechnology 1

#### Level 5

Research Methods in Biotechnology; Microbial Biotechnology 2; Sterile Pharmaceutical Products; Synthetic Biology and Bioengineering 1; Structural and Functional Biochemistry; Molecular Biology and Functional Genomics

#### Sandwich degree

I Year-long industrial placement

#### Level 6

Research Project; Current Topics in Biotechnology; Biotechnology Entrepreneurship; Synthetic Biology and Bioengineering 2

The following options are offered: Microbial Technology; Biomaterials; Work-Based Learning

#### Level 7 (MEng only)

Energy and environment; Commissioning, maintenance and facilities management; Sensors, control and applications; building engineering research and design project

#### WORK-RELATED LEARNING

The programme enables you to develop intellectual independence, critical awareness and transferable skills – attributes that are vital for employment. There is an emphasis on career development, with additional input from external speakers from industry, increasing your understanding of the business of biotechnology. As well as exploring a wide range of career options, you will develop commercial awareness and learn how new start-up biotechnology companies are created.

#### CAREER PROSPECTS

Biotechnology graduates are employable in a wide range of industries and organisations, such as pharmaceutical, healthcare, environmental, food industries or regulatory authorities. Some graduates may prefer to continue their studies with postgraduate study (PGCE/PGDE, MSc, MPhil, MRes or PhD) in topics as wide ranging as industrial biotechnology, biomedical sciences, drug discovery and design, cosmetic science, and medical microbiology.

## BUILDING SERVICES ENGINEERING

#### BEng (Hons) MEng (Hons)

'Real world' projects are integrated across all levels of this programme for Building Services Engineering.

#### **COURSE OVERVIEW**

- Available as BEng and MEng qualification
- Prepares graduates for Chartered Engineer registration with the Engineering Council and full membership of the Chartered Institution of Building Services Engineers
- I Contact with industry through real-life projects
- Option to undertake a year's paid work experience with a building services engineering consultant or contractor
- Credits for students already holding a building services engineering qualification
- £6 million invested in state-of-the-art teaching facilities

#### **MODULES**

#### Level 4

Construction technology; Engineering mathematics; Collaborative interdisciplinary project; Science and materials; Academic and digital literacy; Building services engineering project; Engineering principles

#### Level 5

Applied mathematics; Mechanical engineering for buildings; Electrical engineering for buildings; Building services engineering project 2; Site production management; Building engineering collaborative project 2; Building engineering research methods

#### Level 6

Construction site management; Environmental analysis; Buildings, energy and sustainability; Building services engineering project 3; Building engineering research project

#### Level 7 (MEng only)

Energy and environment; Commissioning, maintenance and facilities management; Sensors, control and applications; building engineering research and design project

#### WORK-RELATED LEARNING

Projects supported by employers in the field are an important element of this degree course as they allow you to apply what you have learnt to real-life situations. However, the best way to put your skills and knowledge into practice is to undertake a year's work placement between Levels 5 and 6. We strongly recommend that you take up this opportunity, as professional work experience and references, together with your degree, will significantly boost your career prospects. In fact some of our students have been offered employment before the end of their final year.

#### CAREER PROSPECTS

Recent full-time graduates have progressed to appropriate employment in the building services industry. Opportunities exist with national building services engineering consultancies and contractors and also in the public sector with local authorities and government agencies.

#### **ACCREDITATION**



#### BUILDING SERVICES ENGINEERING PROJECT MANAGEMENT

#### BSc (Hons)

Building services engineering encompasses heating, lighting, power, lifts, air conditioning and other services, each one being a self-contained discipline. Within a project, each of these disciplines will have their own priorities and targets.

#### **COURSE OVERVIEW**

- Prepares graduates for Incorporated Engineer registration with the Engineering Council and Associate membership of the Chartered Institution of Building Services Engineers
- I Contact with potential employers through real-life projects
- Option to undertake a year's paid work experience with a building services engineering contractor
- I Credits for students already holding a building services engineering qualification

#### **MODULES**

#### Level 4

During level 4, students gain the basic knowledge and theory of the Building Services Engineering discipline. Students will also undertake a building services design project and get involved in exciting collaborative interdisciplinary activities

#### Level 5

During level 5, students further their knowledge and skills in mechanical and electrical engineering, relating the key principles to building services systems. At the conclusion of level 5 students will have the option to take up a year's paid work placement with a building services engineering consultant or contractor

#### Level 6

During level 6, students focus on the issues of sustainability in building services design. Students will also further their learning in the area of business and project management techniques as well as undertaking a major engineering research project (dissertation), work-related learning

Projects supported by employers in the field are an important element of this degree course as they allow you to apply what you have learnt to reallife situations. However, the best way to put your skills and knowledge into practice is to undertake a year's work placement between Levels 5 and 6.

We strongly recommend that you take up this opportunity, as professional work experience and references, together with your degree, will significantly boost your career prospects. In fact, some of our students have been offered employment before the end of their final year.

#### CAREER PROSPECTS

All recent full-time graduates have progressed to appropriate employment in the building services industry.

Opportunities exist with building services engineering consultancies and contractors, and also in the public sector with local authorities and government agencies.

#### **ACCREDITATION**



#### **BUILDING SURVEYING**

#### BSc (Hons)

Understand all areas of building surveying and develop the practical skills needed to succeed with this BSc degree course at LJMU.

#### **COURSE OVERVIEW**

- I Fully accredited by the Royal Institution of Chartered Surveyors (RICS) and the Chartered Association of Building Engineers (CABE)
- Opportunity to undertake a year's industrial placement or study abroad
- £6 million investment in developing state- of-the-art teaching facilities
- Stepping stone to a varied career with UK and overseas employment opportunities

#### **MODULES**

#### Level 4

During level 4, students gain basic knowledge and theory of the building surveying discipline. They gain an introduction to building surveying in practice, law and construction technology

#### Level 5

During level 5, students progress their practical building surveying skills through learning about pathology and inspection, and get involved in collaborative interdisciplinary activities in an exciting project environment

#### Level 6

During level 6, students focus on key concepts around the management and strategic implications of the building surveying discipline. This includes learning about real estate and asset strategy, learning about professional practice, understanding how to provide productive workplaces, the implications and management of project lifecycles. Finally, students have the opportunity to participate in an exciting international field visit during their final year of study

#### WORK-RELATED LEARNING

After Level 5 you may undertake a year's professional work placement, either in the UK or overseas, so you can put into practice what you have learnt in your first two years at LJMU. The sandwich option will greatly improve your career prospects and could even lead to a permanent position with your placement employer.

The placement is fully paid and is an invaluable opportunity to learn new skills and gain hands-on experience that will add real value to your CV and impress future employers. The direct work experience could also count towards a professional qualification. It can even count towards the professional MRICS qualification.

#### **CAREER PROSPECTS**

Building Surveying is a varied profession operating in both the public and private sectors covering both residential and commercial clients. Chartered Building Surveyors offer expert advice on all aspects of land, property and construction for both private and public companies, including: advice on building defects, specification of remedial work, property legislation advice, planning permission issues, project management services, preparing outline designs, building surveys and measured survey.

#### **ACCREDITATION**





## BUSINESS AND PUBLIC RELATIONS

#### **BA (Hons)**

This CIPR-accredited degree prepares you for a successful career in public relations. It provides you with the skills and knowledge to prepare you for public relations online, covering aspects such as SEO and social media strategy.

#### **COURSE OVERVIEW**

- Approved by the Chartered Institute of Public Relations (CIPR)
- Year-long work placement opportunities with high-profile companies
- Sessions and guest lectures delivered by PR practitioners
- Study abroad opportunities

#### **MODULES**

#### Level 4

Business Environment; Public Relations: Practice and Principles; Communication Theory; Marketing and Human Resource Management; Creative Media Production; Personal and Professional Development; Writing for PR

#### Level 5

Media Management; Corporate Communications; Event Management; Graduate Enterprise; Professional Development and Research; Digital Communication Management

#### Level 6

Integrated Digital Marketing Communications; Change Management; Issues in Crisis Management; Strategic Campaign Management; Working in the Creative Industries; Dissertation

#### WORK-RELATED LEARNING

In level 5, you can decide whether to undertake a paid 48-week work placement in the UK or overseas between level 5 and 6.

Placements give you experience of what it's like to work in the fast paced PR sector as well as giving you a chance to put your learning into practice, develop personal skills and enhance your employability.

Liverpool Business School's Employability Support Unit will help you find suitable vacancies and support you during the application process and whilst on placement.

Previous Business and PR students have completed placements with organisations as diverse as Coty, Cream and Liverpool John Lennon Airport.

#### CAREER PROSPECTS

Liverpool Business School has historically had an excellent employment record with graduates securing graduate-level positions with leading employers in public and private sectors. These include Everton Football Club, Kellogg company, Santander and Deloitte.

You could find yourself working in a wide variety of PR settings, from PR departments in large multi-national organisations, to PR agencies, search engine optimisation companies and specialised event management companies.

#### **ACCREDITATION**



#### **BUSINESS MANAGEMENT**

#### BSc (Hons)

This programme blends contemporary business theory with the practical application of technical business skills and prepares students for a successful career in multiple roles, whether as a team member, leader or future manager.

#### **COURSE OVERVIEW**

- Opportunity to spend a year on placement, gaining valuable experience in industry
- Study abroad opportunities in China, the USA and Europe
- Prepares students for multiple business roles through the use of business simulation tools and live projects
- I Gain technical business skills through practical application of business theory

#### **MODULES**

#### Level 4

Business and the Economy; Data Analysis for Business; Finance and Accounting for Managers; Principles of Marketing; Operations and Technology Management; Managing People and Organisations; Personal and Professional Development

#### Level 5

The Digital Economy; Project Management; Research and Analysis for Business; Sustainability and the Circular Economy; Employability and Enterprise; Options typically offered: Creativity, Innovation and Entrepreneurship; HR Models and Metrics; Customer Relationship Management; Digital Marketing; Managing the Multinational Enterprise; Finance of International Trade; Investment and Financial Analysis

#### Level 6

Strategic Management; Project/Dissertation OR Business Plan/Consultancy; Options typically offered: Project Planning, Monitoring and Control; Applied Business Entrepreneurship; Internationalisation of Small Businesses; Employment Law; Integrated Marketing Communications; Strategic Branding; Sustainable Supply Chains

#### WORK-RELATED LEARNING

Liverpool Business School has a dedicated Employability Support Unit and you can choose to undertake a paid 48-week work placement in the UK or overseas between your second and third year of study, working on real-life business problems.

Placements provide the opportunity to gain experience of what it's like to work in industry as well as giving you a chance to put your learning into practice, develop personal skills and enhance your employability. A significant number of our students also go on to secure employment with their placement provider after graduating.

Placements are available in a wide variety of roles and organisations and organisations we have previously placed students at include Unilever, Liverpool Football Club, Liverpool John Lennon Airport and Bentley; and overseas at Airbus in Toulouse, Tom Tom in Amsterdam and Toyota in Brussels.

#### CAREER PROSPECTS

We have an excellent employment record with graduates securing graduate-level positions with leading employers in public and private sectors. These include Everton Football Club, Kellogg company, Santander and Deloitte. Career opportunities include marketing, digital analytics, purchasing, human resources, management, finance and sales.

#### **BUSINESS WITH FINANCE**

#### **BA** (Hons)

This degree will provide you with business knowledge, as well as enabling you to gain specialist knowledge in finance, from financial analysis to financial risk management to prepare you for a wide variety of roles in the business and finance sectors.

#### **COURSE OVERVIEW**

- I Taught by leading experts in fields of business, finance, accountancy and economics
- I Flexible course structure
- I Opportunity to undertake a year on work placement
- Study abroad opportunities in China, the USA and across Europe

#### **MODULES**

#### Level 4

Academic and Business Skills; Contemporary Business Issues; Business and Economic Decision Making; Finance and Accounting Skills; Marketing for Business: Fundamentals of Management

#### Level 5

Employability Skills; Organisational Behaviour; Digital Business Intelligence; Research Methods; Investment and Finance Analysis; International Monetary and Financial Systems

#### Level 6

Corporate Social Responsibility; Business Consultancy; Strategic Management; Innovation and Creativity for Business; Financial Risk Management; International Corporate Finance

#### WORK-RELATED LEARNING

In level 5, you can decide whether to undertake a paid 48-week work placement in the UK or overseas between level 5 and 6.

Placements give you experience of what it's like to work in business and finance sectors, as well as giving you a chance to put your learning into practice, develop personal skills and enhance your employability.

Liverpool Business School's Employability Support Unit will help you find suitable vacancies and support you during the application process and whilst on placement.

Students from Liverpool Business School have completed placements with organisations as diverse as the NHS, Liverpool Football Club, Bentley and Airbus.

#### CAREER PROSPECTS

Liverpool Business School has an excellent employment record with graduates securing graduate-level positions with leading employers in public and private sectors. These include Everton Football Club, Kellogg company and Santander.

This degree will open up a huge range of potential careers because the success or failure of an organisation is ultimately determined by its financial performance.

The first year provides you with a solid foundation of business and finance knowledge before leading to more financially focused modules in the second and third years of study. This provides you with the skills to enter a wide range of careers.

# BUSINESS WITH INTERNATIONAL BUSINESS MANAGEMENT

## **BA (Hons)**

This degree places global business skills development at the heart of your learning. Today's business graduates need to think with an international mind-set when it comes to business planning and selling goods and services to overseas markets.

### **COURSE OVERVIEW**

- Prepares students for multiple business roles through the use of business simulation tools and live projects
- Opportunity to undertake a sandwich year on work placement
- Study abroad opportunities in China, the USA and across Europe

## **MODULES**

### Level 4

Academic and Business Skills; Contemporary Business Issues; Business and Economic Decision Making; Finance and Accounting Skills; Marketing for Business; Fundamentals of Management

### Level 5

Employability Skills; Organisational Behaviour; Digital Business Intelligence; Research Methods; International Institutions, Trade and Markets; International Money and Financial Systems

### Level 6

Corporate Social Responsibility; Business Consultancy; Strategic Management; Innovation and Creativity for Business; International Business Organisations; International Business Cultures

### WORK-RELATED LEARNING

In level 5, you can decide whether to undertake a paid 48-week work placement in the UK or overseas between level 5 and 6.

Placements give you experience of what it's like to work in industry as well as giving you a chance to put your learning into practice, develop personal skills and enhance your employability.

Liverpool Business School's Employability Support Unit will help you find suitable vacancies and support you during the application process and whilst on placement.

Students from Liverpool Business School have completed placements with organisations as diverse as the NHS, Liverpool Football Club, Bentley and Airbus.

### CAREER PROSPECTS

Liverpool Business School has historically had an excellent employment record with graduates securing graduate-level positions with leading employers in public and private sectors.

The first year provides you with a solid foundation of business knowledge before leading to more international business focused modules in the second and third years of study. This provides you with a wide range of career options and the skills to work at a global level.

# **BUSINESS WITH MARKETING**

## **BA** (Hons)

Gain knowledge of current marketing techniques, management and digital business in this innovative degree which prepares you for a wide range of careers in marketing and business sectors.

### **COURSE OVERVIEW**

- Prepares students for multiple business roles through the use of business simulation tools and live projects
- Liverpool Business School has been teaching marketing for over 30 years
- Study abroad opportunities
- I Flexible course structure
- Opportunity to undertake a year on work placement

### **MODULES**

### Level 4

Academic and Business Skills; Contemporary Business Issues; Business and Economic Decision Making; Finance and Accounting Skills; Marketing for Business; Fundamentals of Management

### Level 5

Employability Skills; Organisational Behaviour; Digital Business Intelligence; Research Methods; Consumer Behaviour and Buyer Behaviour in Action; Retail Management

### Level 6

Corporate Social Responsibility; Business Consultancy; Strategic Management; Innovation and Creativity for Business; Strategic Branding; Marketing for Emerging Markets

## WORK-RELATED LEARNING

In level 5, you can decide whether to undertake a paid 48-week work placement in the UK or overseas between level 5 and 6.

Placements give you experience of what it's like to work in industry as well as giving you a chance to put your learning into practice, develop personal skills and enhance your employability.

Liverpool Business School's Employability Support Unit will help you find suitable vacancies and support you during the application process and whilst on placement.

Students from Liverpool Business School have completed placements with organisations as diverse as the NHS, Liverpool Football Club, Bentley and Airbus.

### CAREER PROSPECTS

Liverpool Business School has historically had an excellent employment record with graduates securing graduate-level positions with leading employers in public and private sectors. These include Everton Football Club, Kellogg company, Santander and Deloitte.

The first year provides you with a solid foundation of business knowledge before leading to more marketing focused modules providing you with the options to work in a variety of business or marketing roles.

# **CHEMISTRY**

## BSc (Hons)

Completing the BSc (Hons) Chemistry will help ensure you enjoy excellent career prospects and enhanced earning potential in a variety of sectors after you graduate.

### COURSE OVERVIEW

- High percentage of practical work to investigate the applications of chemistry to 21st-century problems
- Strong focus on key areas in demand by employers, such as analytical chemistry, synthetic organic chemistry and peptide chemistry
- Gain experience in using industry standard apparatus in both the synthetic and analytical laboratories

   giving you the laboratory skills required by a wide range of UK and overseas employers
- I Option to complete year out in industry (sandwich year)
- Opportunity to complete either a semester or year of study abroad

### **MODULES**

### Level 4

Atomic Structure and Reactivity; From Atoms to Molecules; Practical Labs; Properties of Molecules; Properties of Matter

## Level 5

Radiation and Matter; Understanding Molecules; Practical Labs; Understanding Materials; Structure and Analysis

### Level 6

Modern Materials; Industrial Chemistry; Modern Synthesis; Practical Labs; Molecular Design; Research Project

### WORK-RELATED LEARNING

Work-related learning is a vital element of your studies, as it will give you that extra competitive edge when you search for a job after graduating. For this reason, we highly recommend that you opt to undertake an industrial summer placement or an industrially based research project. Although this is not compulsory, it will boost your job prospects and give you a chance to put into practice skills and knowledge you have acquired in the first two years.

### **CAREER PROSPECTS**

This degree is the ideal platform from which to launch your career as it is designed to meet the high demand for highly skilled and technology literate people to help these industries continue to be innovative and compete on a global scale.

As a Chemistry graduate, you will be able to work in a wealth of different fields, including: chemical and related industries – fine chemical, pharmaceutical, polymer, petrochemical, energy/power, biotech, food/fragrance, cosmetic, healthcare patenting, accounting and the financial sector, academic research and teaching.

# CIVIL AND ENVIRONMENTAL ENGINEERING

# **MEng (Hons)**

If you are interested in creating the structures that support life's basic needs with a focus on water supply and quality management or flood control, the Civil and Environmental Engineering degree at LJMU is the ideal course for you.

### **COURSE OVERVIEW**

- Part of the MEng Civil Engineering suite of programmes, which achieved 82% student satisfaction rates for its learning resources in the 2019 National Student Survey.
- Excellent links with industry plus the opportunity to undertake a year's paid placement
- £6 million invested in state-of-the-art teaching facilities
- Stepping stone to a varied career with UK and overseas employment opportunities

### **MODULES**

### Level 4

Engineering mathematics; Structures and materials; Infrastructure; Surveying and CAD; Introduction to geotechnics; Hydraulics; Design and skills project

### Level 5

Materials; Surveying, Highways and transportation; Applied mathematics; Geotechnics; Water engineering; Structural analysis; Option (Choose one): Civil engineering project; Work based learning

### Level 6

Advanced materials; river and coastal engineering; Infrastructure; highways design and innovation; Advanced geotechnics and design; Research project; Option (Choose one): Structural design and risk management; Work based learning

### Level 7

Water and wastewater treatment; Engineering design project; Sustainable infrastructure; Energy management

### WORK-RELATED LEARNING

The best way to experience working in the civil engineering industry is to undertake a year's (45-week) professional work placement, either in the UK or overseas, so you can put into practice what you have learnt in your first two years.

You will receive a salary during your placement and it is an invaluable opportunity to learn new skills and gain hands-on experience to add real value to your CV and impress future employers. This work experience could also count towards a professional qualification.

Completing the sandwich year will greatly improve your career prospects and could even lead to a permanent position with your placement employer.

### CAREER PROSPECTS

This degree will open up exciting career paths for you, working on site or in office-based design work. You could be employed in civil engineering practices, local authorities and government agencies or non-governmental organisations such as utilities companies.

There are good opportunities for work overseas and in the UK on projects, such as water treatment works. The transferable skills developed on this course are also highly valued in many other fields of employment.

# CIVIL AND OFFSHORE ENGINEERING

# MEng (Hons)

Civil and Offshore Engineers design, plan and manage civil and environmental projects from concept to realisation, considering structural problems and aesthetics as well as the environmental and economic impacts.

## **COURSE OVERVIEW**

- Part of the MEng Civil Engineering suite of programmes, which achieved 82% student satisfaction rates for its learning resources in the 2019 National Student Survey.
- Excellent links with industry plus the opportunity to undertake a year's paid placement
- £6 million invested in state-of-the-art teaching facilities
- Stepping stone to a varied career with UK and overseas employment opportunities

### **MODULES**

### Level 4

Engineering mathematics; Structures and materials; Infrastructure; Surveying and cad; Introduction to geotechnics; Hydraulics; Design and skills project

### Level 5

Materials; Surveying, highways and transportation; Applied mathematics; Geotechnics; Water engineering; Structural analysis; Option (Choose one): Civil engineering project; Work based learning

### Level 6

Advanced materials, river and coastal engineering; Infrastructure, highways design and innovation; Advanced geotechnics and design; Research project; Option (Choose one): Structural design and risk management; Work based learning

### Level 7

Maritime and offshore safety analysis; Offshore engineering; Engineering design project; Structural and earthquake engineering

### WORK-RELATED LEARNING

The best way to experience working in the civil engineering industry is to undertake a year's professional work placement, either in the UK or overseas, so you can put into practice what you have learnt in your first two years of study.

The placement is fully paid and is an invaluable opportunity to learn new skills and gain hands-on experience to add real value to your CV and impress future employers. The direct work experience could also count towards a professional qualification.

Completing the sandwich option will greatly improve your career prospects and could even lead to a permanent position with your placement employer.

### **CAREER PROSPECTS**

This MEng in Civil and Offshore Engineering degree will open up exciting career paths for you, working on site or in office-based design engineering companies designing offshore structures for government agencies or non-governmental organisations, utilities companies or port authorities.

While civil engineers may work on site, structural engineers usually work in office-based design engineering companies, government agencies or non-governmental organisations. You will enjoy excellent opportunities for work both in the UK and overseas, working on projects, such as tall buildings, football stadia, bridges, roads, water treatment works.

The transferable skills developed on this course are also highly valued in many other fields of employment.

# CIVIL AND STRUCTURAL ENGINEERING

## MEng (Hons)

If you are interested in creating the structures that support life's basic needs for good quality internal living environments, hospitals, recreation and places to work, Civil and Structural Engineering degree is the ideal programme.

## **COURSE OVERVIEW**

- Part of the MEng Civil Engineering suite of programmes, which achieved 82% student satisfaction rates for its learning resources in the 2019 National Student Survey.
- Excellent links with industry plus the opportunity to undertake a year's paid placement
- £6 million invested in state-of-the-art teaching facilities
- Stepping stone to a varied career with UK and overseas employment opportunities

### **MODULES**

### Level 4

Engineering mathematics; Structures and materials; Infrastructure; Surveying and cad; Introduction to geotechnics; Hydraulics; Design and skills project

### Level 5

Materials; Surveying, highways and transportation; Applied mathematics; Geotechnics; Water engineering; Structural analysis; Option (Choose one): Civil engineering project; Work based learning

### Level 6

Advanced materials, river and coastal engineering; Infrastructure, highways design and innovation; Advanced geotechnics and design; Research project; Option (Choose one): Structural design and risk management; Work based learning

## Level 7

Engineering design project; Analysis and design of large structures; Applied finite element analysis; Structural and earthquake engineering

### WORK-RELATED LEARNING

The best way to experience working in the civil engineering industry is to undertake a year's professional work placement, either in the UK or overseas, so you can put into practice what you have learnt in your first two years of study.

The placement is fully paid and is an invaluable opportunity to learn new skills and gain hands-on experience to add real value to your CV and impress future employers. The direct work experience could also count towards a professional qualification.

Completing the sandwich option will greatly improve your career prospects and could even lead to a permanent position with your placement employer.

### CAREER PROSPECTS

While civil engineers may work on site, structural engineers usually work in office-based design engineering companies, government agencies or non-governmental organisations. You will enjoy excellent opportunities for work both in the UK and overseas, working on projects, such as tall buildings football stadia bridges roads water treatment works. The transferable skills developed on this course are also highly valued in many other fields of employment.

# CIVIL AND TRANSPORTATION ENGINEERING

## **MEng (Hons)**

Civil and Transportation Engineering is supported by employers from industry who provide case studies, projects and work placement opportunities.

### COURSE OVERVIEW

- Part of the MEng Civil Engineering suite of programmes, which achieved 82% student satisfaction rates for its learning resources in the 2019 National Student Survey.
- Excellent links with industry plus the opportunity to undertake a year's paid placement
- £6 million invested in state-of-the-art teaching facilities
- Stepping stone to a varied career with UK and overseas employment opportunities

### **MODULES**

### Level 4

Engineering mathematics; Structures and materials; Infrastructure; Surveying and cad; Introduction to geotechnics; Hydraulics; Design and skills project

### Level 5

Materials; Surveying, highways and transportation; Applied mathematics; Geotechnics; Water engineering; Structural analysis; Option (Choose one): Civil engineering project; Work based learning

### Level 6

Advanced materials, river and coastal engineering; Infrastructure, highways design and innovation; Advanced geotechnics and design; Research project; Option (Choose one): Structural design and risk management; Work based learning

### Level 7

Engineering design project; Pavement, highways and transport engineering; Design and construction of transport infrastructure; Sustainable infrastructure

### WORK-RELATED LEARNING

The best way to experience working in the civil engineering industry is to undertake a year's professional work placement, either in the UK or overseas, so you can put into practice what you have learnt in your first two years of study.

The placement is fully paid and is an invaluable opportunity to learn new skills and gain hands-on experience to add real value to your CV and impress future employers. The direct work experience could also count towards a professional qualification.

Completing the sandwich option will greatly improve your career prospects and could even lead to a permanent position with your placement employer.

### CAREER PROSPECTS

This degree will open up exciting career paths for you, working on site or in office-based design engineering companies, government agencies and non-governmental organisations. Currently there are excellent career prospects in road, rail and airport design. International expansion of infrastructure increases these opportunities.

The transferable skills developed on this course are also highly valued in many other fields of employment.

# **CIVIL ENGINEERING**

# BEng (Hons) MEng (Hons)

Civil Engineering gives you plenty of opportunities to apply your studies to real situations, supported by employers from industry who provide case studies and suggestions for projects.

### **COURSE OVERVIEW**

- Available as BEng and MEng qualification
- Accredited as fully satisfying the educational base for a Chartered Engineer (CEng)
- Opportunity to undertake a year's industrial placement
- £6 million invested in state-of-the-art teaching facilities
- Stepping stone to a varied career with UK and overseas employment opportunities

## **MODULES**

### Level 4

Engineering mathematics; Structures and materials; Infrastructure; Surveying and cad; Introduction to geotechnics; Hydraulics; Design and skills project

### Level 5

Materials; Surveying, highways and transportation; Applied mathematics; Geotechnics; Water engineering; Structural analysis; Option (Choose one): Civil engineering project; Work based learning

### Level 6

Advanced materials, river and coastal engineering; Infrastructure, highways design and innovation; Advanced geotechnics and design; Research project; Option (Choose one): Structural design and risk management; Work based learning

### Level 7 (MEng only)

Engineering design project; Sustainable infrastructure; Structural and earthquake engineering; Option: Civil engineering professional practice; Work based learning innovation

### WORK-RELATED LEARNING

The best way to experience working in the civil engineering industry is to undertake a year's (48-week) professional work placement, either in the UK or overseas, so you can put into practice what you have learnt in your first two years. The placement is fully paid and is an invaluable opportunity to learn new skills and gain hands-on experience to add real value to your CV and impress future employers. The direct work experience could also count towards a professional qualification. Taking the sandwich option will greatly improve your career prospects and could even lead to a permanent position with your placement employer.

### CAREER PROSPECTS

Civil engineers may work on site, or in office-based design work either in civil engineering practices or in local authorities and government agencies. There are good opportunities for work overseas and in the UK on projects such as tall buildings, football stadia, bridges, roads and water treatment works.

If you decide not to pursue a civil engineering career, you will find that the transferable skills gained on the course are highly valued in many other fields of employment.

## **ACCREDITATION**



# CIVIL ENGINEERING AND ARCHITECTURE

## MEng (Hons)

Civil Engineering and Architecture will give you a strong technical understanding of key civil engineering disciplines plus enhanced design skills to play a key role in developing buildings that are structurally sound, sustainable and aesthetically pleasing.

## **COURSE OVERVIEW**

- Part of the MEng Civil Engineering suite of programmes, which achieved 82% student satisfaction rates for its learning resources in the 2019 National Student Survey.
- Excellent links with industry plus the opportunity to undertake a year's paid placement
- £6 million invested in state-of-the-art teaching facilities
- Stepping stone to a varied career with UK and overseas employment opportunities

### Level 4

Engineering mathematics; Structures and materials; Infrastructure; Surveying and cad; Introduction to geotechnics; Hydraulics; Design and skills project

### Level 5

Materials; Surveying, highways and transportation; Applied mathematics; Geotechnics; Water engineering; Structural analysis; Option (Choose one): Civil engineering project; Work based learning

### Level 6

Advanced materials, river and coastal engineering; Infrastructure, highways design and innovation; Advanced geotechnics and design; Research project; Option (Choose one): Structural design and risk management; Work based learning

### Level 7

Commissioning, maintenance and facilities management; Engineering design project; Structural and earthquake engineering; Energy management

## **WORK-RELATED LEARNING**

Either the best way to experience working in the civil engineering industry is to undertake a year's professional work placement, in the UK or overseas, so you can put into practice what you have learnt in your first two years of study.

The placement is fully paid and is an invaluable opportunity to learn new skills and gain hands-on experience to add real value to your CV and impress future employers. The direct work experience could also count towards a professional qualification.

Completing the sandwich option will greatly improve your career prospects and could even lead to a permanent position with your placement employer.

### CAREER PROSPECTS

You will enjoy exciting career opportunities in both the UK and overseas, working on-site, or in office-based design work either in civil engineering or architecture practices, local authorities, government agencies or non-governmental organisations.

Your expertise in the architectural aspect of design will enable you to have a greater impact on the appearance of buildings rather than just focusing on their structures.

# CIVIL ENGINEERING AND CONSTRUCTION MANAGEMENT

## MEng (Hons)

This exciting new course covers both the major areas of civil engineering – such as structures, materials, geotechnics and hydraulics – plus the planning, organisation and construction methods involved in building design. It is the ideal degree if you want to play a role in developing a more sustainable built environment.

### **COURSE OVERVIEW**

- Part of the MEng Civil Engineering suite of programmes, which achieved 82% student satisfaction rates for its learning resources in the 2019 National Student Survey
- Excellent links with industry plus the opportunity to undertake a year's paid placement
- £6 million invested in state-of-the-art teaching facilities
- Stepping stone to a varied career with UK and overseas employment opportunities

### **MODULES**

### Level 4

Engineering mathematics; Structures and materials; Infrastructure; Surveying and cad; Introduction to geotechnics: Hydraulics: Design and skills project

### Level 5

Materials; Surveying, highways and transportation; Applied mathematics; Geotechnics; Water engineering; Structural analysis; Option (Choose one): Civil engineering project; Work based learning

### Level 6

Advanced materials, river and coastal engineering; Infrastructure, highways design and innovation; Advanced geotechnics and design; Research project; Option (Choose one): Structural design and risk management; Work based learning

## Level 7

Engineering design project; Sustainable infrastructure; Sustainable and lean principles within construction; Production management and BIM

### WORK-RELATED LEARNING

Either the best way to experience working in the civil engineering industry is to undertake a year's professional work placement, in the UK or overseas, so you can put into practice what you have learnt in your first two years of study.

The placement is fully paid and is an invaluable opportunity to learn new skills and gain hands-on experience to add real value to your CV and impress future employers. The direct work experience could also count towards a professional qualification.

Completing the sandwich option will greatly improve your career prospects and could even lead to a permanent position with your placement employer.

### **CAREER PROSPECTS**

Civil engineering and construction management graduates may work on-site, in office-based design work for construction contractors, civil engineering practices, local authorities, government agencies and non-governmental organisations. You will enjoy excellent opportunities for work both in the UK and overseas, working on projects, such as: tall buildings, football stadia, bridges, roads, water and treatment works.

# **COMPUTER FORENSICS**

## **BSc (Hons)**

Computer Forensics is the art of discovering, analysing and preparing robust evidence for either criminal or civil investigations.

### **COURSE OVERVIEW**

- Links with over 450 local and national organisations, including Merseyside Police, Cheshire Police, EY, Experian, IBM, Eutechnyx and Intaforensics
- Opportunity to undertake a year's paid industrial placement

### **MODULES**

### Level 4

Programming Computer Systems; Computer Forensics and Security; Problem Solving for Computer Forensics; Internet and Web Technologies; Personal and Professional Development; Data Modelling

### Level 5

Digital Forensics; Database Development; Operating Systems; Computer Law; Object Oriented Systems Development; Research Skills; Professional

### Level 6

Project Computer Security; Network Forensic; Forensics Investigatory Practice; Cloud and Mobile Forensics

### WORK-RELATED LEARNING

You will be encouraged to improve your employment prospects by completing a paid 12-month sandwich placement in your third year. Thanks to links with over 450 local and national companies like Merseyside Police, Cheshire Police, Xyone Security, Fujitsu, IBM, Eutechnyx and Sony Computer Entertainment Europe there are plenty of placement options to choose from.

Placements not only give you invaluable experience of the industry, they also allow you to put into practice skills and knowledge you have acquired over the first two years and learn new skills that will give you a professional edge when you come to apply for jobs.

### CAREER PROSPECTS

Completing this degree will open up a wide range of career opportunities, where you could work as: computer forensics analyst, computer security consultant, network or system administrator data analyst.

You could find yourself working in one of a wide variety of fields including: data mining, forensics applications development the police, intelligence, security or computer forensics initiatives network security management education.

# COMPUTER GAMES DEVELOPMENT

## **BSc (Hons)**

Computer games development is a very technically demanding process. The games industry sits at the pinnacle of cutting edge software engineering and the highly dynamic digital creative industries.

### **COURSE OVERVIEW**

- Dedicated Gaming lab with PlayStation Development Kit
- Opportunity to undertake a year's paid industrial placement thanks to our links with over 450 local, national and international organisations
- Regular visits by game industry professionals who offer career and technical advice
- Exciting career opportunities with games development companies like Sony Computer Entertainment Europe, Rockstar North, Electronic Arts, Lucid Games, TT-Games, TT-Fusion, Hello Games and more

### **MODULES**

## Level 4

Computer Programming; Computer Systems; Game Design; Applied Mathematics for Computer Graphics; Web Development; Professional Development; Data Modelling

### Level 5

Data Structures and Algorithms; Computer Graphics Programming; Game Asset Creation; Software Engineering; Game Physics and Al Techniques for Games; Research Skills; Professional Issues

### Level 6:

Game Engine; Virtual and Augmented Reality; Rendering Techniques; Level Design and Production: Plus a large individual project

### WORK-RELATED LEARNING

The Department of Computer Science has strong links with many local, national and international games development companies including SCEE, Atomicom, Lucid Games, Damibu, Setgo Games, Eutechnyx, and Jagex to name but a few.

We work closely with these companies to ensure that the course material is up-to-date, and our graduates are able to meet the demands expected by the industry.

Our strong links also mean that you will have plenty of options when you come to choose your third year work placement. We have placed students in game development companies locally, nationally and internationally, including Chengdu in China.

### CAREER PROSPECTS

Opportunities exist for employment in games development, software engineering, multimedia authoring, and interactive media/TV development. In addition, this course will prepare you for a graduate job in the wider general computing sectors, such as a computer programmer, software engineer and research and development roles.

# COMPUTER NETWORKS

# BSc (Hons)

This course will prepare you to be a computing professional ready to work and succeed in this challenging and exciting industry.

### **COURSE OVERVIEW**

- I The programme is informed by commercial practice including our Industrial Liaison Panel. This will equip you with advanced skills in theory, practice, tools and applications for undertaking a career in Computer Networks
- This programme blends the latest research topics in Computer Networks with current system administration and software development techniques.
- During your studies you will use many commercially used tools including Linux, Java, Wireshark and NS2

### **MODULES**

### Level 4

Introduction to programming; Computer systems; Internet and web technologies; Personal and professional development; Data modelling; Principles of computer networks; Network software development

### Level 5

Research skills; Professional issues; Database systems; Operating systems; Distributed systems; Mobile computing; Data structures and algorithms

### Level 6

Project; Network defence; Infrastructure and services; Network algorithmics; Internet of things

### WORK-RELATED LEARNING

This is a practical, hands-on course in which you are encouraged to improve your employment prospects by completing a 12-month sandwich placement between Levels 5 and 6. Thanks to links with over 450 local and national companies like Fujitsu, Merseyside Police, Sony, IBM, IBM, there are plenty of placement options to choose from. Placements can be very general IT roles or specialist roles related to the programme such as Network Administrator, Web Developer, Programmer, and Systems Analyst.

### **CAREER PROSPECTS**

This was a brand new programme for September 2017. You could find yourself working in one of a wide variety of fields including web systems, enterprise network management, network security management, big data analytics or further education and research.

# **COMPUTER SCIENCE**

## **BSc (Hons)**

Computer Science is designed to equip you with advanced knowledge and understanding of the underlying scientific and mathematical foundations of computing.

### **COURSE OVERVIEW**

- Links with over 450 local and national organisations, including IBM, Merseyside Police, Lloyds TSB and HM Treasury
- Opportunity to undertake a year's paid industrial placement
- Practical, hands-on experience incorporated into modules wherever possible
- State-of-the-art computing facilities, including dedicated labs, available to students on site
- Excellent career prospects

### **MODULES**

### Level 4

Programming Computer Systems; Discrete Mathematics; Computer Science Workshop; Internet and Web Technologies; Personal and Professional Development; Data Modelling

### Level 5

Data Structures; Complexity Theory; Algorithm Design; Knowledge-based Systems; Object Oriented Systems; Research Skills; Professional Issues

### Level 6

Computer Science Applications; Virtualisation Graphics; Parallel Algorithms; Plus a large individual project

### WORK-RELATED LEARNING

There are many paid work placement options for you to choose from in your third year and extensive support is provided to enable you to apply for and gain a relevant placement in the computing industry. The department maintains wide-ranging links with industry, promoting successful placements, with global companies such as Microsoft, Barclays, Experian, GlaxoSmithKline, Sony, IBM, etc. as well as many local software and IT businesses. These placements facilitate the practical application of the skills learnt on the course and provide invaluable industry experience. The vast majority of students completing this sandwich degree go on to obtain full-time employment in the computing industry.

### CAREER PROSPECTS

The Computer Science programme leads to a wide range of careers in the information technology industry, including systems manager, web designer, programmer, plus roles managing technology to support a range of public and private sector organisations.

Thanks to LJMU's industry-recognised teaching and research excellence in this area, our students are highly sought after by employers both in the UK and overseas and many secure employment before they graduate.

# **COMPUTER SECURITY**

## **BSc (Hons)**

Computer Security focuses on protecting computers, computer networks, such as public and private networks, critical infrastructure, smartphones, smart objects, software and digital information from unauthorised access, change or destruction.

## **COURSE OVERVIEW**

- Strong links with over 450 local and national organisations including Merseyside Police, Cheshire Police, Xyone Security, Fujitsu, IBM, Eutechnyx and Sony Computer Entertainment Europe
- I Graduates increasingly in demand as IT security problems escalate

## **MODULES**

### Level 4

Introduction to Programming; Computer Systems; Introduction to Computer Forensics and Security; Problem Solving for Computer Security; Internet and Web Technologies; Personal and Professional Development; Data Modelling

### Level 5

Data Structures and Algorithms; Database Development; Operating Systems; Secure Software Development; Information Assurance; Research Skills; Professional Issues

### Level 6

Project; Ethical Hacking; Network Forensics; Network Defence; Applied Cryptography

### WORK-RELATED LEARNING

You are encouraged to improve your employment prospects by completing a paid 12-month sandwich placement in your third year.

Thanks to links with over 450 local and national companies like Merseyside Police, Cheshire Police, Xyone Security, Fujitsu, IBM, Eutechnyx and Sony Computer Entertainment Europe there are plenty of placement options to choose from.

Placements not only give you invaluable experience of the industry, they also allow you to put into practice skills and knowledge you have acquired over the first two years and learn new skills that will give you a professional edge when you come to apply for your first job.

### CAREER PROSPECTS

Most of our graduates go on to careers as ethical hackers, secure software developers, computer security consultants, network or system administrators and data analysts.

You could find yourself working in one of a wide variety of fields including data mining, security applications development, the police, intelligence, security or computer forensics initiatives, network security management or even education.

# **COMPUTER STUDIES**

# BSc (Hons)

Graduate with excellent career prospects plus an understanding of both computing and the business environment.

### COURSE OVERVIEW

- Accredited by the British Computer Society
   the Chartered Institute for IT
- Opportunity to undertake a year's paid industrial placement
- £6 million state-of-the-art teaching facilities with 150 high-performance computers
- I Links with over 450 companies ranging from IBM and Sony Computer Entertainment Europe to Barclays and Merseyside Police

### MODULES.

### Level 4

Introduction to Programming; Computer Systems; Fundamentals of Information Systems; Data Modelling; Personal and Professional Development; Internet and Web Technologies; Problem Solving for Information Systems

### Level 5

Database Development; Project Management; Information Systems Analysis and Design; Research Skills; Professional Issues; Object Oriented Software Development; Advanced Web Development

### Level 6

Business Systems Analysis; User Experience Design Project; Advanced Topics in Information Systems; Website and E-Commerce Management

### WORK-RELATED LEARNING

You will be encouraged to improve your employment prospects by completing a paid 12-month sandwich placement in your third year. Thanks to links with over 450 local and national companies like IBM, Eutechnyx and Sony Computer Entertainment Europe there are plenty of placement options to choose from.

Placements not only give you invaluable experience of the industry, they allow you to put into practice skills and knowledge you have acquired over the first two years and learn new skills that will give you a professional edge when you come to apply for your first job.

### **CAREER PROSPECTS**

Virtually every organisation relies on computer technology and ICT to a varying degree, so Computer Studies graduates will always be highly employable across all organisations and economic sectors.

# COMPUTING AND SMART DEVICES

## **BSc (Hons)**

The BSc (Hons) Computing and Smart Devices degree is a new, innovative programme designed to drive the future development of smart devices and systems. As a graduate, you will be in a prime position to forge an exciting career in an emerging and developing new sector.

## **COURSE OVERVIEW**

- Excellent student support from highly qualified academic tutors and student mentors, including a three-day field activity to help new students get to know their course mates and tutors
- I An application-led curriculum, designed in line with advice from industrial partners, which emphasises an understanding of the concepts and theories that underpin the technology, as well as its practical application within the real-world
- High quality teaching, supported by practical laboratory and workshop activities, with state-of-the-art hardware and software facilities and excellent technical support

### **MODULES**

## Level 4

The Smart Environment; Applied Maths: The Essentials; Design Principles; The Digital Platform & Cyberspace Technology; Designing Software Apps; Introduction to Electronics & Control

### Level 5

Mobile Devices & Wireless Technology; Sensor Technology; Applied Electronics & Control; Internet of Things; Smart Device Project; Al & Machine Learning

### Level 6

Final Year Project; Advanced & Embedded Sensors; Smart Device Communications; Big Data Analytics; Management, Leadership & Entrepreneurship

### WORK-RELATED LEARNING

This course offers an invaluable opportunity to undertake an industrial placement after your second year. This experience cannot be underestimated as it will give you a chance to put what you have learnt in the first two years into practice, enhance your skills and provide a taste of what it's really like to work in the industry. It will also give you a head start when you come to negotiate your way around the competitive job market.

### **CAREER PROSPECTS**

As more consumers become technology-savvy, early-adopters of the smart and connected home concept readily see the lifestyle, efficiency and convenience benefits which result. As the growth of IoT enabled systems increases, the demand for well-qualified electronic technologists, with the experience and the imagination to design and apply smart systems, is already clearly evident.

# **CONSTRUCTION ENGINEERING**

# BEng (Hons)

Construction Engineering aims to provide you with the necessary skills and knowledge to work within the Construction and Civil Engineering Sectors.

### **COURSE OVERVIEW**

Option to undertake a paid industrial placement. Placements are normally for one calendar year on a full-time basis

Industrial standard software and equipment used in delivery and assessments

The programme area has links with Universities in America and there is the possibility of a 3-4 week study option between the second and final year. Previous trips have been to Auburn in Alabama

### **MODULES**

### Level 4

Construction Technology; Applied Mathematics for Construction; Academic and Digital Literacy; Collaborative Interdisciplinary Project; Structures and Materials; Construction Engineering Practice (includes CAD and Surveying); Environmental Practice

### Level 5

Geotechnics and Foundations Engineering; Site Production Management; Construction Engineering Technology; Geomatics; Structural Design and Detailing; Research Methods; Collaborative Interdisciplinary Project;

### Level 6

Construction Site Management; Infrastructure Engineering and Management; Advanced Structures and Materials; Professional Practice; Construction Engineering Research Project; Digital Engineering Design Project

### WORK-RELATED LEARNING

Projects that simulate the type of work you may work in industry are an important element of this degree course and are integrated in all modules through assessment and delivery. However, the best way to put your skills and knowledge into practice is to take advantage of a paid work placement between Levels 5 and 6. Placements are normally for one calendar year on a full-time basis.

Also there are often alternative options for work experience through internships, summer placements and short term work experience schemes.

We strongly recommend that you take up this opportunity, as professional work experience and references, together with your accredited degree, will significantly boost your career prospects. It is also an opportunity to develop your personal skills, take a year off from formal study and add real value to your CV.

### **CAREER PROSPECTS**

Through the programme's Industrial Advisory Panel, Professional Body connections and the good reputation of our graduates we have 80% of our graduates in professional positions within industry. This programme could lead to roles such as Site Engineer and Construction Project Manager within both General Contracting and House Building and/or the Civil Engineering Sector.

# **CONSTRUCTION MANAGEMENT**

# **BSc (Hons)**

This BSc (Hons) degree has an Industry Advisory Panel made up from local and national construction employers working within the North West, who review industry engagement with the programme and our students.

## **COURSE OVERVIEW**

- Accredited by the Chartered Institute of Building and Chartered Association of Building Engineers
- Option to undertake a paid industrial placement. Placements are normally for one calendar year on a full-time basis
- Industrial standard software and equipment used in delivery and assessments
- High demand for well-educated and technically competent graduates in the largest industry in the country

### **MODULES**

### Level 4

Construction Technology and Services; Construction Management Practice; Environmental Science and Materials; Economics; Law; Academic and Digital Literacy; Collaborative Interdisciplinary Project; Building Information Modelling (BIM)Plus site and field trips

### Level 5

Construction Technology and Services; Construction Contracts; Procurement; Construction Site Management (including H&S and AstaBIM); Applied Surveying; Research Methods; Collaborative Interdisciplinary Project; Entrepreneurship; Applied Building Information Modelling (BIM); Plus site and field trips

### Level 6

Refurbishment (including conservation and renewable technologies); Business Management; Research Project; Project Cycle (including lifecycle issues, government soft landings and sustainability); Construction Site Management; Collaborative Interdisciplinary Project; Advanced Building Information Modelling (BIM); Plus site and field trips

### WORK-RELATED LEARNING

Projects that simulate the type of work you may work in industry are an important element of this degree course and are integrated in all modules through assessment and delivery. However, the best way to put your skills and knowledge into practice is to take advantage of a paid work placement between Levels 5 and 6. Placements are normally for one calendar year on a full-time basis. Also there are often alternative options for work experience through internships, summer placements and short-term work experience schemes.

### **CAREER PROSPECTS**

Most of our graduates go into construction management working for multi-national contractors and consultancies and also for organisations within the supply chain. However, the skills that are obtained within the programme, albeit focused around construction, can be applied into other areas such as financial control and project planning of resources, as well as the transferable skills they have acquired.

## **ACCREDITATION**





# CONTROL AND AUTOMATION ENGINEERING

## BEng (Hons)

This course is currently only accepting applications for level 5 or above. Please check website for most up to date information.

### **COURSE OVERVIEW**

- Excellent student support from academic tutors and student mentors
- Design-led engineering curriculum emphasis, with design projects supplied by industrial partners
- Well-equipped laboratories and workshops with stateof-the-art software and excellent technical support
- To be accredited by the Institution of Engineering and Technology
- Regular contributions from professional engineers and industrial visits
- Our thriving Student Autosport Society competes successfully in the Formula Student competition and electrical engineering students play a key role in developing the control systems that are crucial to the team's success

### **MODULES**

### Level 5

Digital and Embedded Systems; Electric Machines; Linear Electronics; Control System Design and Analysis; Electrical Engineering Practice 2; Applied Instrumentation; Engineering Mathematics 2

## Sandwich degree:

- Year-long placement
- Study Abroad

### Level 6

Automation; Embedded Systems; Power Electronics, Drives and Systems; Process Control; Engineering Project; Industrial Management

### WORK-RELATED LEARNING

This course offers an invaluable opportunity to undertake an industrial placement after your second year. This experience cannot be underestimated as it will give you a chance to put what you have learnt in the first two years into practice, enhance your skills and provide a taste of what it's really like to work in the industry. It will also give you a head start when you come to negotiate your way around the competitive job market.

### **CAREER PROSPECTS**

Control and Automation engineers are employed in almost every sector of economic activity including:

- I the utilities in water, power generation and distribution, and telecommunications
- all areas of manufacturing, including aerospace, petrochemical, and automotive research and development
- I technical services and sales
- I consultancies and government agencies

# **CREATIVE WRITING**

## BA (Hons)

As a Creative Writing student, you will hear from prestigious visiting writers who regularly deliver readings and workshops. Recent guests have included Ramsay Campbell, Wayne Holloway-Smith, Rebecca Goss, James Rice, Helen Mort, and Eimear McBride.

### COURSE OVERVIEW

- Opportunities to meet practising writers, publishers, agents, producers and directors
- Professional guidance and peer support to help you develop your writing to publishable standard
- Regular literary events, readings, screenings and open mic nights to showcase your work
- Three-day residential writers' retreat at a country house in rural Wales
- Participate in the production of our student magazine, In the Red

### **MODULES**

### Level 4

Introduction to Poetry; Introduction to Scriptwriting; Introduction to Prose; Consuming Passions; Myth; Observation and Discovery

### Level 5

Options typically offered: Screen 1; Poetry Writing Workshop: Form and Substance; Treatment and Screenplay; The Fantastic; Short Prose; Short Story 1; Dramatic Writing for Radio Stage; Approaching Your Novel

### Level 6

Options typically offered: Prose Portfolio 1 & 2; Independent Study in Creative Writing; The Writer at Work; The Writer at Work: The Project; Poetry Writing Workshops: Advanced Poetry 1 & 2; Advanced Scriptwriting; Script Portfolio; Digital Writing

### **WORK-RELATED LEARNING**

Through the Screen School's Production Unit (PULSS), there are work experience opportunities with Writing on the Wall, Sound City and digital marketing companies that are connected directly or indirectly to your future writing career.

The third year Writer at Work module gives you a chance to step inside the writer's world by pursuing your own project, be it organising a poetry festival, placing the idea for a novel with a literary agent, or planning the production of a film.

### CAREER PROSPECTS

Our graduates go on to work in a wide variety of careers including broadcasting; business copywriting (in advertising and social media); journalism; marketing; proofreading and editing; publishing; teaching and website authoring. Some have also become professional writers and had their work filmed, staged, published and performed.

# **CREATIVE WRITING AND FILM STUDIES**

## **BA (Hons)**

As a student on the BA (Hons) Creative Writing and Film Studies at Liverpool John Moores University you will taught by internationally published poets, novelists and film industry professionals.

### **COURSE OVERVIEW**

- Take advantage of the Production Unit for work experience and paid placements
- Professional guidance and peer support to help you develop your writing to publishable standard
- Three-day residential writers' retreat at a country house in rural Wales
- I Teaching is based in the Redmonds Building

### **MODULES**

### Level 4

Film Language; Introduction to Filmmaking; Film Criticism; Introduction to Poetry; Introduction to Scriptwriting; Introduction to Prose

### Level 5

Options typically offered: American Cinema; Audiovisual Essay; Film Adaptation; Experimental Filmmaking; Short Filmmaking; European Cinema; Working in Film; Screen 1; Treatment and Screenplay; The Fantastic; Approaching your Novel; Short Prose; Poetry Writing Workshop: Form and Substance; Short Story 1; Dramatic Writing for Radio and Stage

### Level 6

Options typically offered: Prose Portfolio 1/2; World Cinema; Independent Study in Creative Writing; Final Film Pre-Production; The Writer at Work; Final Film Production; The Writer at Work: The Project; Interpretation in Film; Poetry Writing Workshop: Advanced Poetry 1/2; Dissertation; Poetry Mixed Media Research Project; Advanced Scriptwriting; Work Based Learning; Script Portfolio; Professional Writing for Film; Digital Writing

### WORK-RELATED LEARNING

You will have opportunities to undertake relevant work experience, while the Writer at Work module in your final year gives you a chance to step inside the writer's world by pursuing your own project. This could be anything from organising a poetry festival to placing the idea for a novel with a literary agent, or planning the production of a film.

### **CAREER PROSPECTS**

Alongside the skills you will gain in writing to publishable standard and film production practice, the course equips you with an understanding of media processes that could be applied to careers in public relations, advertising, corporate communications, cultural journalism, research and the film and television industries.

Many of our graduates have gone on to work in the film and television industries as writers, directors, researchers and actors. Some have become independent filmmakers or work for companies such as the BBC, Channel 4, Envy Postproduction, FACT, Hurricane Pictures, Lime Pictures, Soapbox and Sony. Others have gone on to pursue postgraduate study at MA and PhD level or have become teachers, journalists and editors.

# **CRIMINAL JUSTICE**

## **BA** (Hons)

Criminal Justice at the School of Law is informed by extensive links with criminal justice system practitioners and delivered by expert academics with frontline experience.

### **COURSE OVERVIEW**

- Taught by lecturers with frontline experience and international reputations for research and writing
- I Visits to courts, prisons and local agencies to see the criminal justice system in action
- I Wide range of career paths, from police to prison officer to drug support worker
- I Highly vocational course with opportunities for volunteering and work placements
- Dedicated careers advisor and graduate development centre to help you search for employment

### **MODULES**

## Level 4

Criminal Justice Process; History of Crime and Criminal Justice; Personal and Academic Development in Criminal Justice; An Introduction to Criminal Justice Policy; Criminological Theory; Criminal Law and Criminal Justice; Media, Public and Criminal Justice

### Level 5

New Directions in Criminological Theory; Injustices in a 'Just' System; Decision Making in Criminal Justice; Professional Development in Criminal Justice; Criminal Justice Research; An Introduction to Penology

## Level 6

Options typically offered: Contemporary Issues in Penology; Policing; Crimes of the Powerful; Crime and Security in the EU; Dissertation; Work-based Project; Youth Justice; Victimology; Substance Use, Society and Criminal Justice; Sex, Crime and Society

### WORK-RELATED LEARNING

The second year 'Professional Development in Criminal Justice' module includes mock job interviews and CV writing assessments, and in your final year, you get the chance to perform real-life fieldwork or secure work placements in your own area of interest.

We also strongly encourage you to seek out voluntary work at all stages of the programme, as the experience will significantly enhance your CV and put you in a strong position once you start to compete on the open job market. A member of staff will advise you about specific work-related opportunities and act as a link mentor, liaising with local organisations on your behalf.

### CAREER PROSPECTS

Career opportunities in the criminal justice field are wide and varied and recent graduates are working as: police officers; community support officers; trainee probation officers; probation service assistants; arrest referral and bail support team workers; drug and alcohol support workers; prison officers; social workers; youth workers; victim/witness support workers.

# **CRIMINOLOGY**

## **BA** (Hons)

Criminology at Liverpool John Moores University is taught by research active experts and offers exciting opportunities for international fieldwork.

### **COURSE OVERVIEW**

- Opportunity to undertake international fieldwork visits to places such as Ljubljana, Slovenia and Gothenburg, Sweden
- I Excellent research-led teaching
- Opens up a diverse range of careers including probation work, youth justice, drug referral schemes, victim support, and police and prison services

### **MODULES**

### Level 4

Introduction to Criminological Theory; Criminology in Action; Inside the Criminal Justice System; Researching Crime and Justice; Media, Crime and Victimisation; Contemporary Issues in Criminology

### Level 5

Advanced Criminological Theory; Criminology into Practice; The Politics of Social Control; Imagining Crime: Progressive Criminological Theory; Local and Global Criminology; Criminological Research Enquiry

### Level 6

Options typically offered: Dissertation: Proposition and Development; Dissertation; Interchange: Working with Communities; Interchange: Community-based Learning; Eco-Global Crime and Harm; Victims and Justice; International Fieldwork in Criminology, including a week long international residential (current destination Slovenia); Police, Power and Social Order;

Drugs, Intoxication and Society; Children and Young People 'at Risk'; Theorising Sexed Violence; Human Rights; Crime, Media, Culture; Justice, Ethics and Responsibility; Children and Young People in Conflict with the Law; Crime, Space and Place; Security, Crime and Terrorism; Criminalisation, Punishment and the State; Criminology Work Placement 1; Criminology Work Placement 2; Understanding and challenging Inequalities and Exclusion

### WORK-RELATED LEARNING

The degree provides opportunities for you to undertake supervised independent study on a Criminological issue of your choice, enabling the development of a wide variety of transferable skills and abilities essential for your future employability. For example, the Dissertation and Work Placement modules require students to identify an appropriate topic, develop a programme of study and present a clear, coherent and robust piece of written work. The International Fieldwork module provides students with a unique opportunity to develop and improve these transferable skills within an international context.

### **CAREER PROSPECTS**

Your degree could be useful in a range of fields, from policy and administration to young people's and youth justice work, prison and probation services and academia.

# CRIMINOLOGY AND PSYCHOLOGY

# **BSc** (Hons)

The professionally accredited BSc (Hons) Criminology and Psychology is informed by ongoing research and extensive links with practitioners. So, you can be confident that your studies will be at the forefront of developments in this fascinating field.

## **COURSE OVERVIEW**

- Teaching quality, assessment and feedback processes officially reported as outstanding
- Recent increase in demand for criminal psychologists in prison programmes and offender management
- I Contemporary research informed teaching
- Good links with employers and agencies can lead to good opportunities for work placements
- Eligibility for membership of the British Psychological Society on graduation

### **MODULES**

## Level 4

Inside The Criminal Justice System; Contemporary Issues in Criminology; Criminology & Psychology into Action; Introduction to Developmental Psychology and Individual Differences; Research Methods and Statistics in Psychology 1/2; Introduction to Biological and Cognitive Psychology

### Level 5

Advanced Criminological Theory; Criminology into Practice; Qualitative Research Methods; Research Methods and Statistics in Psychology: Advanced Quantitative Research Methods; Cognitive and Biological Psychology; Developmental and Social Psychology

#### Level 6

Psychology Dissertation; Options typically offered: Eco-Global Crime and Harm; International Fieldwork in Criminology; Children and Young People 'at Risk'; Security, Crime and Terrorism; Criminalisation, Punishment and the State; Understanding and challenging Inequalities and Exclusion; Forensic Psychology; Health Psychology; Cognitive Neuroscience; Positive Psychology; Psychology in Education; Psychopharmacology and Addictive Behaviour; Face Perception: Processes and Disorders; Social Cognition; Work Psychology; Psychology of Sexual Violence

### WORK-RELATED LEARNING

Alongside your academic studies, you will gain a range of transferable skills in analysis and interpretation, presentation, teamwork, initiative and research.

For example, the Dissertation module requires you to identify an appropriate topic, develop a programme of study, and present a clear, coherent and robust piece of written work.

The International Fieldwork module provides students with a unique opportunity to develop and improve these transferable skills within an international context.

## CAREER PROSPECTS

The range of careers open to you once you graduate include probation work, youth justice, victim support, police and prison services, legal professions, local government, postgraduate study and research.

### **ACCREDITATION**



# CRIMINOLOGY AND SOCIOLOGY

# BA (Hons)

Criminology and Sociology at Liverpool John Moores University combines two contemporary and popular disciplines, providing you with grounding in core elements of both subjects, together with a wide range of optional modules that will enable you to follow your own pathway.

### **COURSE OVERVIEW**

- Taught by subject specialists with national and international reputations for their research and civic engagement
- Delivered using innovative teaching, learning and assessment methods, with options for fieldwork at home and overseas, with international study opportunities

- The teaching team are committed to sociology and criminology in action, and to making a difference in people's lives
- I You will have opportunities to participate in 'out of classroom' learning activities including educational field visits to organisations, museums, art galleries, places of worship and walking tours
- Work placement opportunities in teaching, international development, charities, tourism, media, creative and heritage industries

### **MODULES**

#### Level 4

Identities and Studying Society; Introduction to Criminological Theory; Inside the Criminal Justice System; Researching the Everyday; Media, Crime and Victimisation; Globalisation, Development and Society

### Level 5

Researching British Society; Advanced Criminological Theory; Research in Action; Local and Global Criminology

Options typically offered: Globalisation, Culture and Society; Race and Ethnicity in Contemporary Britain, Society and Environmental Conflict; The Medicalised Body, Sociology of Health and Illness; The Politics of Social Control; Imagining Crime: Progressive Criminological Theory

#### Level 6

Options typically offered: Dissertation in Sociology; Interchange in Sociology: Working with Communities; Interchange in Sociology: Community-based learning; International Fieldwork in Sociology; Radical Planet: Protest, Resistance and Alternatives to Urban Capitalism; Victims and Justice; The Aesthetics and Politics of Fear; Police, Power and Social Order; Disability Studies; Body Politics: Gender, Sexuality and Society; Cultural Sociology of Music; Society, Religion and Belief; Human Rights; Crime, Media, Culture; Children and Young People in Conflict with the Law; Crime, Space and Place

### WORK-RELATED LEARNING

Work-based/related learning is integrated into the programme, offering you the chance to put what you have learnt into practice, as well as providing new skills and experiences. It will also add real value to your CV, giving you a professional edge when you come to negotiate your way through the graduate job market.

## **CAREER PROSPECTS**

Criminology and Sociology graduates enter a variety of professions and careers, including: local and national government and the civil service; youth work; third sector; campaigning; the criminal justice system; academia and teaching.

# **DATA SCIENCE**

## BSc (Hons)

This course will prepare you to be a computing professional ready to work and succeed in this challenging and exciting industry.

### **COURSE OVERVIEW**

- I The programme is the result of extensive research both in the Department and with industry
- The programme will equip students with the necessary theoretical and practical skills to pursue a career as a data scientist in both the computing and wider industry

### **MODULES**

### Level 4

Introduction to programming; Computer systems; Internet and web technologies; Personal and professional development; Data modelling; Fundamentals of data science; Problem solving for data science

### Level 5

Research skills; Professional issues; Database systems; Statistical modelling; Comp data science and analytics; Data visualisation data warehousing and mining

#### Level 6

Project; Website and e-commerce management; Advanced and distributed databases; Big data, tools and analysis; Advanced analytics

### WORK-RELATED LEARNING

Students are encouraged to undertake a paid 12-month sandwich placement in the third year as this both complements the theory and practice of the course and further improves future employment prospects.

This is a hands-on course with practical modules at every level. Thanks to strong links with over 450 local and national organisations, all of LJMU's computing courses are designed and developed to suit the needs of employers today. Plus these links ensure that we can offer you exciting placement opportunities too.

### CAREER PROSPECTS

Demand for data science services appears to significantly outstrip provision in the U.K. large numbers of vacancies for Data Scientists being advertised in London alone with companies and organisations such as the Financial Times, the Government Statistical Services, McLaren Applied Technologies, Bloomberg and Yell to name but a few. The department has links with companies in this area through our Industrial Liaison Unit.

## **DRAMA**

## **BA** (Hons)

LJMU Drama students have extensive opportunities to develop creative and performance skills using our dedicated drama centres and newly refurbished drama studio, and also through our links with leading theatre companies and drama organisations in Liverpool and beyond.

### **COURSE OVERVIEW**

- Opportunities to perform regularly in theatre productions all over Liverpool plus paid or voluntary work placements to improve your employability
- Professional guidance from working practitioners to help you develop your creative skills in acting, stage management, directing, marketing, publicity and many more
- Strong links with local organisations including Liverpool Everyman and Playhouse, The Unity Theatre and the BBC
- I Friendly and creative atmosphere in the new John Foster Drama Centre and a final year Festival entirely organised and delivered by students

### **MODULES**

### Level 4

Theatre Cultures; Spontaneous Theatre; Theatre: The Big Ideas; Acting the Text; Collaborative Playmaking; Acting Skills

### Level 5

The Drama Specialist; Creating Theatre; Page to Stage: Reading the Play; Performance: The Big Ideas; Options in Practice; Technical Theatre

### Level 6

Drama at Work; Drama Reflection; Directing the Play; Drama Festival; Researching Drama; Festival Planning

### **WORK-RELATED LEARNING**

Our extensive links with organisations in the local community and beyond mean that you will have plenty of work placement options to choose from. It provides an invaluable opportunity to practice the skills you have learnt during the course and gain professional experience that will add real value to your CV.

Other work-related learning opportunities could include specialist advice and practical classes in audition and interview technique, or study and research into other areas of work.

### **CAREER PROSPECTS**

Not only could you be destined for a career as an actor, director or stage manager in theatre or related arts organisations, you could also move into areas such as arts administration, television production, museum and gallery work, journalism, writing and teaching.

We are a practice-orientated course taught by staff who have either professional theatre experience (acting, directing and script writing) or significant research and academic experience. One graduate became the Chief Executive of the National Youth Theatre; another is Claire Foy, a BAFTA winning actor who has regular lead parts on TV. Most notably, Claire is currently playing the lead role in the Netflix hit, 'The Crown'.

# DRAMA AND CREATIVE WRITING

## **BA (Hons)**

Our Drama and Creative Writing degree is taught by published authors and staff with extensive professional theatre experience.

### **COURSE OVERVIEW**

- Opportunities to perform your own work in theatre productions all over Liverpool
- Paid or voluntary work placements to improve your employability
- I Three-day residential writers' retreat at a country house in rural Wales
- I Guest lectures from practising writers and performers
- More theatres, cinemas, literary events, arts centres, galleries and museums than any city outside London

### **MODULES**

### Level 4

Spontaneous Theatre; Theatre: The Big ideas; Acting skills; Introduction to poetry; Introduction to scriptwriting; Introduction to prose

### Level 5

Creating theatre; Performance: The big ideas; Screen 1; Treatment and screenplay; The fantastic; Approaching your novel; Short prose; Poetry writing workshop: form and substance; Short story 1; Dramatic writing for radio and stage; Study year abroad; The Drama Specialist; Page to Stage – reading the play; Options in practice; Technical Theatre

### Level 6

Drama at work; Drama reflection; Directing the play; Drama Festival; Researching Drama; Festival planning; Prose portfolio 1/2; Independent study in Creative Writing; Writer at Work; Writer at Work the project; Poetry writing workshop: advanced: Poetry 1 & 2; Advanced scriptwriting; Script portfolio; Digital writing

## WORK-RELATED LEARNING

You can take advantage of paid and unpaid placements and work-related learning opportunities. These come in the form of specialist advice and practical classes in audition and interview technique or study and research into other areas of work such as teaching, administration and marketing.

The Writer at Work module at Level 6 is an excellent opportunity to meet visiting professional writers and performers and pursue your own individually tailored projects. For instance, you could organise a poetry festival, place the idea for a novel with a literary agent or plan the production of a film.

### CAREER PROSPECTS

This degree equips you with key transferable skills in performance, presentation and interpersonal communication – all of which are highly valued by employers.

Graduates have taken on roles in theatre management, acting on television, theatre and film. Other students have become successful playwrights and directors at venues such as the National Theatre, The Traverse Theatre and Liverpool Everyman and Playhouse as well as marketing consultants, community workers and arts officers.

Some have published novels, while others have gone on to work for publishing houses or taken up editorial positions on newspapers or magazines.

# DRAMA AND ENGLISH LITERATURE

## BA (Hons)

Drama and English Literature students have opportunities to complete a work placement in the USA plus extensive opportunities to take part in theatre productions across Liverpool.

### **COURSE OVERVIEW**

- Exciting and unique opportunity to undertake a work placement in the USA
- Opportunities to perform in theatre productions all over Liverpool
- Teaching from critically acclaimed writers, directors, actors and academics
- Extensive range of literary texts studied, from Shakespeare to Fight Club
- Paid or voluntary work placements to improve your employability

### **MODULES**

### Level 4

Acting skills; Theatre: the big ideas; Collaborative playmaking; Reading English; Literary and cultural theory; Literature in context: Britain in the 1950s

### Level 5

Creating theatre; Performance: the big ideas; Options typically offered: The drama specialist; Technical theatre; Page to stage: reading the play; Study year abroad; Cultures of childhood; International experience; International perspectives on literature; Relating gender: fiction from the nineteenth century to the present; Romanticism: revolution, reaction & representation; Short cuts: writing in brief

### Level 6

Options typically offered: Directing the play; Drama reflection; Planning a festival; Drama festival; Researching drama; Drama at work; English dissertation; Art and writing; Contemporary poetry; Feminist fictions: contemporary women's writing and the politics of feminism; Genres of travel; Forgetting and remembering: slaves, soldiers, strikers

### WORK-RELATED LEARNING

One aim of this course is to develop your confidence, imagination and self-knowledge, together with your skills in communication, expression and teamwork, all of which are highly valued by employers. Work placements are offered at Levels 5 and 6 and include the option to spend at least one month in the USA. This is an opportunity to get invaluable work experience in a different culture. Alternatively, you could opt to do a work placement in the UK.

This experience will give you the chance to try out different career options, enhance your CV and develop your skills so that by the time you graduate, you will be well equipped to negotiate your way around the competitive job market.

### **CAREER PROSPECTS**

This degree equips you with key transferable skills in performance, presentation and interpersonal communication – all of which are highly valued by employers. So not only could you be destined for a variety of careers as an actor, director or stage manager, you could also move into areas such as advertising, marketing, museums, publishing, retail, leisure or education. Another option is to continue in education with a Masters and PhD.

# **EARLY CHILDHOOD STUDIES**

# **BA** (Hons)

This programme offers a multi-disciplinary approach to working with children and their families. An exploration of different perceptions of children and childhood opens up an exciting range of career opportunities.

### **COURSE OVERVIEW**

- Supportive and inspirational tutors
- Experience the diverse traditional and non-traditional early childhood settings
- Tailor your studies to your own interests through optional modules, research and work-related practice
- Extensive work-related learning opportunities
- Stepping stone to a wide range of careers in teaching, social work, health and childcare

### **MODULES**

### Level 4

Holistic Child Development; Early Childhood Studies; Student Inquiry 1; Pedagogical Approaches 1 – Working with Babies, Young Children and Families; Perspectives of Children and Childhood; Student Inquiry 2; Pedagogical Approaches 2 – Sustainability: Democracy, Participation & Social Justice

### Level 5

Deconstructing Child Development; Early Childhood Research 1 – Student Inquiry into Research Methods; Global Inequalities and Unequal Childhoods; Early Childhood Research 2 – Student Reflections; Options typically offered: Exploring Health Literacies within ECS; Professional approaches within ECS; Exploring Early Years Curricula within ECS: Pedagogical approaches for Sustainability

### Level 6

Exploring Approaches: Working Together to Support Children and Families; Research within Early Childhood Studies; International Approaches, Comparative Early Childhood Education and Care; Options typically offered: Working Therapeutically within Early Childhood Studies; Social Work within Early Childhood Studies; Global Dimensions: Sustainable Futures Across Early Years Curricula

### WORK-RELATED LEARNING

Work experience is a vital element of your studies as it gives you a chance to put into practice what you have learnt during the course, and gain new skills as well. It will also add real value to your CV, giving you a head start when you come to negotiate your way around the competitive job market. The course has a strong element of work-related and research related learning with plenty of opportunity to visit a variety of early childhood related settings, including traditional, non-traditional, informal, creative and culturally diverse experiences.

### CAREER PROSPECTS

Local authorities, health authorities, charities, housing associations, children's centres and day nurseries have all employed LJMU graduates in positions such as childcare project managers, family support workers, nursery officers, play coordinators, out-of-school project managers, residential care workers, researchers, disability coordinators and early years officers.

# **EDUCATION STUDIES**

# BA (Hons)

Education shapes and defines every part of our lives. As educators, we can have a significant impact on children's opportunities to flourish and on the learning experiences and life choices of young people and adults.

### **COURSE OVERVIEW**

- A dynamic and stimulating learning environment where you will develop the knowledge and skills to make a real difference to people's lives
- Opportunities to challenge your own thinking and enable others to understand and benefit from the transformational power of education
- A fascinating and provocative curriculum where you can explore the key sociological, historical, political, psychological and philosophical theories and contexts of education
- Learn with passionate and experienced specialists who are engaged in local, national and international research, and publish widely in the area of education.

### **MODULES**

### Level 4

Introduction to Education Studies; Learners and Learning in Contemporary Society; Language, Culture and Human Development; Education and Society; Snapshots of Education; Philosophical Approaches in Education

### Level 5

Perspectives on International Education; Schools and the Curriculum; Research Approaches and Methods; Options typically offered: Education, Equality and Social Justice; Contemporary Issues for Young People; Pedagogy and Practice in EY Education; Disability and Identity; Developing Employability Skills through WBL

### Level 6

Education, Culture and Identity; Independent Project (Dissertation); Options typically offered: Adult Education and Lifelong Learning; Parents and Schools; Education and Technology; Radical Education; International Relations in Education; Education in Fiction, Film and the Media; Informal and Non-Formal Education; Supporting Vulnerable Children and Young People in Education; Philosophy with Children; Drama and Imagination; Mental Health and Well-Being

### WORK-RELATED LEARNING

You will have plenty of opportunity to look at education in different settings and environments, offering multiple perspectives in the field. Indeed, you might even want to get an international insight on your future career through work experience abroad. Work experience is a vital element of your studies as it gives you a chance to put theory into practice. It adds real value to your CV, giving you a head start when you come to negotiate your way around the competitive job market.

## **CAREER PROSPECTS**

Your degree can lead to any number of diverse careers from teaching and related professional educational roles, to learning support, commercial education, childcare and education, policy work and cultural/diplomatic posts.

Some examples of the typical roles that graduates in this area gain employment, include: Policy Worker; Education/Children's publishing; English as a foreign language teacher; Further education tutor; Learning support/mentor; Education management.

# EDUCATION STUDIES AND EARLY YEARS

## **BA** (Hons)

By completing the BA (Hons) Education Studies and Early Years at Liverpool John Moores University you will be able to make a significant difference to children's future development and educational attainment.

### **COURSE OVERVIEW**

- Explore the sociological, historical, political, psychological and philosophical issues that impact on the lives and learning of young children
- Extensive work-related learning opportunities including the chance to undertake international work experience
- Tailor your studies to your own interests through optional modules, research and work-related practice
- I Graduate with a solid foundation for a child-centred career
- Stepping stone to a wide range of careers which focus on supporting children and families during their early years, including teaching, social care, health and childcare

## **MODULES**

### Level 4

Learners and Learning in Contemporary Society; Education and Society; Snapshots of Education; Introduction to the Study of Education and Early Years; Key Early Education Principles; Development and Early Learning

### Level 5

Research Approaches and Methods; Schools and the Curriculum; Pedagogy and Practice in Early Years Education; Options typically offered: Comparative & International Education; Education, Equality and Social Justice; Contemporary Issues for Young People; International Placement; Project Design & Implementation in Education; Developing Employability Skills Through Work Based Learning; Health in the Early Years; Creativity and Discovery Learning in the Early Years

### Level 6

Dissertation module; National and International Contemporary Issues in the Early Years; Options typically offered: Adult Education and Lifelong Learning; Parents and Schools; Radical Education; Education in Fiction, Film and the Media; Informal and Non-formal Education; Supporting Vulnerable Children and Young People in Education; Working Therapeutically in the Early Years; Philosophy with Children; Drama and Imagination in the Early Years

### WORK-RELATED LEARNING

The course has a strong element of work-related learning and you will have plenty of opportunities to look at practice in a wide variety of education and/ or early years settings. You might also want to get an international perspective on your future career through work experience abroad or you could practice your teaching skills and get a feel for teaching during planned programme experiences or as yoluntary activity.

Work experience is a vital element of your studies as it gives you a chance to put into practice what you have learnt during the course, and gain new skills as well. It will also add real value to your CV, giving you a head start when you come to negotiate your way around the competitive job market.

### **CAREER PROSPECTS**

An Education Studies and Early Years degree, together with a PGCE/PGDE, provide an alternative route into teaching that focuses on up-to-the minute developments in Early Years provision and education.

However, if you choose to base your career on your Early Years specialism, there are openings within centres and community groups that focus on the needs of young children and their families.

Alternatively, your degree could lead to any number of careers such as in educational management, private nursery management, educational social work or any of the caring professions that involve young children.

# EDUCATION AND SPECIAL EDUCATION NEEDS

# BA (Hons)

Do you want to support people with a range of special educational needs and disabilities throughout their learning journey? This unique degree will develop your critical understanding of education and inclusive practice, leading to a diverse range of careers. We're a team of passionate and experienced lecturers who use research, practice and community links to shape your learning.

### **COURSE OVERVIEW**

- Lecturers are passionate about inclusion and this is reflected within the sessions
- I Opens up careers in a wide range of areas such as social care, teaching, health and social work
- Broad range of placements opportunities with local schools and links to special needs providers
- Opportunity to complete a work placement locally or abroad

### **MODULES**

### Level 4

Learners and Learning in Contemporary Society; Education and Society; Snapshots of Education; Introducing Special and Inclusive Needs; What is Disability?; Special Educational Needs and Inclusion

#### Level 5

Research Approaches and Methods; Schools and the Curriculum; Disability and Identity; Options typically offered: Project Design and Implementation in Education; Supporting the Individual and the Family; Picturing Disability: From Print to Screen; Creativity and Discovery Learning in the Early Years

### Level 6

Dissertation; Inclusion For All: Supporting a Range of Needs; Options typically offered: Gender and Ethnicity in Education; Education and Technology; Adult Education and Lifelong Learning

### WORK-RELATED LEARNING

The programme aims to provide a good set of work-related experiences for you that will enhance your career options. At level 5 the programme provides the opportunity to undertake a four-week block placement or project at the start of the second semester within a wide range of organisations. There is also an opportunity to get an international perspective on your future career through work experience abroad.

### CAREER PROSPECTS

This course is ideal if you want to pursue professional qualifications as a teacher (following a postgraduate teacher training course), special educational needs coordinator or inclusion support coordinator, behaviour support worker or learning mentor. If you prefer to work in the social care and health field, you might want to consider a career as a disability inclusion officer, local authority disability coordinator or disability support worker. Following the completion of this first degree, many of our students choose to continue their studies at Masters then Doctorate level.

# ELECTRICAL AND ELECTRONIC ENGINEERING

# BEng (Hons) MEng (Hons)

The products and services we use in everyday life would not exist unless an electrical and electronic engineer had designed the relevant parts. Electrical and electronic engineers are concerned with making our products faster, cheaper, smaller and better.

### **COURSE OVERVIEW**

- Available as BEng and MEng qualification
- Design-led engineering curriculum emphasises, with design projects supplied by industrial partners
- State-of-the-art software and excellent technical support
- To be Accredited by the Institution of Engineering and Technology

- Regular contributions from professional engineers and industrial visits
- I This year, for the first time, we will be working on development of an electric car.

### MODULES

### Level 4

Engineering Principles: Microprocessors and Software: Electrical Circuit Principles: Digital and Analogue Electronics: Electrical Engineering Practice; Engineering Mathematics 1a; Engineering Mathematics 1b

Digital and Embedded Systems; Electric Machines; Linear Electronics; Control System Design and Analysis: Electrical Engineering Practice: Applied Instrumentation: Engineering Mathematics 2

### Level 6

Automation: Signal Processing: Power Electronics; Drives and Systems; Process Control; Engineering Project; Industrial Management

## Level 7 (MEng only)

Modelling and Control of Electric Machines and Drives; Professional Practice; Group Project; Option: Control Systems; Microelectronic System Design; VLSI Devices; Fabrication and Testing

### WORK-RELATED LEARNING

This course offers an invaluable opportunity to undertake an industrial placement after your second year. This experience cannot be underestimated as it will give you a chance to put what you have learnt in the first two years into practice, enhance your skills and provide a taste of what it's really like to work in the industry. It will also give you a head start when you come to negotiate your way around the competitive job market.

## **CAREER PROSPECTS**

Electrical and electronic engineers are employed in almost every sector of economic activity including the utilities in power generation and distribution, telecommunications and all areas of manufacturing. Graduates from this programme have found employment as professional engineers across all sectors. Recent employers include Siemens Plc, British Nuclear Fuels Limited, Jaquar, Aero Engine Controls (Rolls Royce-Goodrich) Ministry of Defence, E & I Engineering Ltd, National Grid.

### **ACCREDITATION**





# **ELECTRICAL POWER FNGINFFRING**

## BEna (Hons)

This course is currently only accepting applications for level 5 or above. Please check website for most up to date information.

### COURSE OVERVIEW

- Excellent student support from academic tutors and student mentors
- Design-led engineering curriculum emphasis, with design projects supplied by industrial partners
- Well-equipped laboratories and workshops with stateof-the-art software and excellent technical support
- I To be accredited by the Institution of Engineering and Technology
- Regular contributions from professional engineers and industrial visits
- Our thriving Student Autosport Society competes successfully in the Formula Student competition and electrical engineering students play a key role in developing the control systems that are crucial to the team's success

### **MODULES**

### Level 5

Digital and Embedded Systems; Electric Machines; Linear Electronics; Control System Design and Analysis: Electrical Engineering Practice 2: Applied Instrumentation; Engineering Mathematics 2

### Sandwich degree (if chosen):

- Year-long placement
- Study Abroad

### Level 6

Signal Processing; Industrial Networks; Power Electronics, Drives and Systems; Process Control; Engineering Project; Industrial Management

### WORK-RELATED LEARNING

This course offers an invaluable opportunity to undertake an industrial placement after Level 5 (your second year). This experience cannot be underestimated as it will give you a chance to put into practice what you have learnt in the first two years at LJMU, enhance your skills and provide a taste of what it's really like to work in industry. It will also give you a head start when you come to negotiate your way around the competitive job market.

### CAREER PROSPECTS

Graduate engineering posts will usually give you the opportunity to work towards incorporated or chartered engineer status. Relevant vacation work experience and industry placements will also greatly increase your level of employability and that's why we encourage all our students to complete a year's paid placement out in industry.

# **ELECTRONIC ENGINEERING**

# BEng (Hons)

This course is currently only accepting applications for level 5 or above. Please check website for most up to date information.

### **COURSE OVERVIEW**

- Excellent student support from academic tutors and student mentors
- Design-led engineering curriculum emphasis, with design projects supplied by industrial partners
- Well-equipped laboratories and workshops with stateof-the-art software and excellent technical support
- To be accredited by the Institution of Engineering and Technology
- Regular contributions from professional engineers and industrial visits
- Our thriving Student Autosport Society competes successfully in the Formula Student competition and electrical engineering students play a key role in developing the control systems that are crucial to the team's success

### **MODULES**

### Level 5

Digital and Embedded Systems; Electric Machines; Linear Electronics; Control System Design and Analysis; Electrical Engineering Practice 2; Applied Instrumentation; Engineering Mathematics 2

### Sandwich degree (if chosen):

- Year-long placement
- Study Abroad

### Level 6

Signal Processing; Power Electronics, Drives and Systems; Electronic Systems Integration; Consumer Electronics; Engineering Project; Industrial Management

### WORK-RELATED LEARNING

This course offers an invaluable opportunity to undertake an industrial placement after your second year. This experience cannot be underestimated as it will give you a chance to put into practice what you have learnt in the first two years at LJMU, enhance your skills and provide a taste of what it's really like to work in industry. It will also give you a head start when you come to negotiate your way around the competitive job market.

### **CAREER PROSPECTS**

Electrical and electronic engineers make up one of the largest branches of engineering professionals. They are employed in almost every sector of economic activity.

Graduate engineering roles include:

- project engineers, leading and managing technical teams
- I product development engineers, developing electrical/electronic products and systems

- power systems engineers, designing managing and maintaining power distribution networks
- process engineers, developing and maintaining manufacturing processes

# **ENGLISH LITERATURE**

## **BA (Hons)**

English Literature at LJMU is a diverse and dynamic subject. We celebrate this with a wide range of modules that are informed by the latest thinking in relation to literature and culture.

### **COURSE OVERVIEW**

- I Ranked as one of the top English Literature degree courses in the UK in the 2019 National Student Survey 96% of our of our students registered overall satisfaction with their course
- Teaching from leading scholars who have published books on many topics, from Sherlock Holmes to Irish rock music
- Extensive range of literary texts studied, from Milton, Woolf and Shakespeare to Fight Club and Malcolm X
- Work placement opportunities in teaching, international development, charities, tourism, the media, creative and heritage industries

### **MODULES**

### Level 4

Reading English; American Classics; Digital Victorians: Investigating the Victorians in the 21st Century; Literary and Cultural Theory; Literature in Context: Britain in the 1950s; World, Time and Text

### Level 5

Body, Mind & Soul:17th Century Literature and Culture; Poetry Matters; Options typically offered: Adolescence and Writing; The Author; Cultures of Childhood; International Experience; International Perspectives on Literature; Further Perspectives on Theory; Modernism and Modernity; Postcolonial Writing: Power, Art and Protest; Relating Gender: Fiction from the 19th Century to the Present; Romanticism: Revolution, Reaction & Representation; Short Cuts: Writing in Brief; Stage Worlds: Early Modern Drama and Culture; The Victorians: Realism and Sensation; American Spaces; Prison Voices: Narratives of Crime and Punishment in the 19th Century; Working in the USA; Imagined Maps: Space, Place, Land and Time in Irish and Scottish Cultural Imaginations; English Work Experience; English Independent Study

### Level 6

Dissertation; Options typically offered: Art & Writing; Contemporary Poetry; Feminist Fictions: Contemporary Women's Writing & the Politics of Feminism; Genres of Travel; Forgetting and Remembering: Slaves, Soldiers, Strikers; 1660s – 1680s: Cultural Intersections in Restoration England; Locating Madness; English Independent Study; Our House: Representing Domestic Space; Post-Millennial British Fiction; Race in America;

Representing Masculinities; Shakespeare; Tales of the Market: Capitalism and Critique; Terrorism and Modern Literature; Vamps and Villains: Exploring Gothic Fiction; World Literature: Writing from the Periphery; Writing Lives: Collaborative Research Project on Working-Class Autobiography; Writing the Real: Contemporary Non-Fiction; Late Modernism; Neo-Victorianism: The Victorians in Contemporary Literature & Culture: Transitions: Identities in the Interwar Years

### WORK-RELATED LEARNING

English Literature students can undertake work experience to help further hone professional skills, enhance the CV and equip you for a competitive job market. For instance, if you choose the Working in the USA module, you will have the opportunity to spend a month or more in the United States at the end of your second year.

The English Work Experience module offers similar opportunities, including preparation for graduate teacher training, experience in journalism and publishing, local community work and involvement in the unique Shakespeare North project, led by Professor Elspeth Graham, to build a replica Elizabethan theatre in Prescot along with accompanying outreach activities.

### **CAREER PROSPECTS**

Our English Literature graduates' excellent analytic and communication skills have ensured them positions in a wide variety of careers including film-making, journalism, publishing, advertising, marketing, museums and arts administration. Others have found employment in careers as wide ranging as industrial, retail, leisure, charity management, educational administration, accountancy, the social and Civil Services.

Teaching is not the main occupation for English Literature graduates but some use their degree to secure a place on teacher-training courses, while others continue on to postgraduate study or research.

# ENGLISH LITERATURE AND CREATIVE WRITING

# BA (Hons)

Studying a degree in English Literature and Creative Writing at Liverpool John Moores University will develop your writing skills with professional guidance and peer support from practicing writers, publishers and agents.

### **COURSE OVERVIEW**

- Professional guidance and peer review to help you develop your work to publishable standard
- Regular literary events, readings, screenings and open mic nights to showcase your work
- I Three-day residential writers' retreat at a country house in rural Wales
- Our acclaimed Writer at Work module provides an opportunity for you to pursue a work-based project

### **MODULES**

### Level 4

Literary & Cultural Theory; Literature in Context: Britain in the 1950s; Reading English, Introduction to Prose; Introduction to Poetry; Introduction to Screenwriting

### Level 5

Options typically offered: Adolescence & Writing, American Spaces, Body, Mind and Soul: Seventeenth Century Literature & Culture, Cultures of Childhood, Modernism & Modernity , Poetry Matters, Postcolonial Writing: Power, Art and Protest , Prison Voices: Crime, Conviction and Confession c. 1700-1900, Romanticism: Revolution, Reaction, and Representation, Work Experience Modules including working in the USA and international experience, Creative Writing, Poetry Writing Workshop, Short Story, Short Prose, Screen, Screenplay and Treatment, The Fantastic, Approaching your Novel, Dramatic Writing for Radio & Stage

### Level 6

Options typically offered: Genres of Travel, Locating Madness, Our House: Representing Domestic Space, Post-Millennial British Fiction, Race in America, Remembering and Forgetting: Slaves, Soldiers, Suffragettes, Representing Masculinities, Shakespeare, Terrorism and Modern Literature, Tales of the Market: Capitalism & Critique, Transitions: Identities in the Interwar Years, Vamps & Villains: Exploring Gothic Fiction, 1839-2005, Advanced Poetry Workshop, Poetry Portfolio, Prose Portfolio, Advanced Scriptwriting, Script Portfolio, Digital Writing, Writer at Work, Writer at Work: The Project

### WORK-RELATED LEARNING

This course offers several work-related learning options to help you develop professional and transferable skills. At Level 5, you have the opportunity to spend at least one month on a work placement in the United States. Alternatively, you could opt for work experience in the UK – you will receive support in finding exciting placements in areas such as the media and creative industries, international development and tourism and heritage industries.

At Level 6, The Writer at Work module provides an opportunity to pursue a work-based project, be it organising a poetry festival, placing an idea for a novel with an agent or planning a film production.

## **CAREER PROSPECTS**

This programme has a natural vocational slant and our graduates' excellent analytical, communication and creative skills have ensured them positions in a wide variety of careers, including advertising, marketing, museums, arts administration and publishing Others have secured positions in sectors such as industrial, retail, leisure and charitable organisation management, educational administration, accountancy, Civil Service and teaching.

Many graduates have gone on to have work published but you should be aware that professional authorship is often a second career.

# ENGLISH AND MEDIA AND CULTURAL STUDIES

## **BA** (Hons)

English, Media and Cultural Studies gives you an opportunity to look at how literary and media texts address their audiences. Through gathering expertise in critical appraisal, analysis of case studies and independent study, students learn to communicate effectively in interpersonal, formal and digital environments.

### **COURSE OVERVIEW**

- Extensive range of texts studied, from Milton, Woolf and Dickens to Margaret Atwood, Kazuo Ishiguro and Arundhati Roy
- Taught by leading scholars who have published books on many topics, from Sherlock Holmes to Irish rock music and teenage bedroom culture
- Large range of option modules to choose from depending on your interests
- Work placement opportunities in Britain and the USA

### **MODULES**

### Level 4

Researching Cinema; Media Institutions and Audiences; Reading English; Literary & Cultural Theory; Professional Writing: Literature in Context: Britain in the 1950s

## Level 5

Public Communication; Public Relations; Popular Journalism; Options typically offered: Adolescence and Writing; American Spaces; The Author; Body Mind and Soul: 17th Century Literature and Culture; Further Perspectives on Literary Theory; International Perspectives on Literature; Imagined Maps: Space, Place, Land and Time In Irish and Scottish Cultural Imaginations; Modernism and Modernity; Poetry Matters; Postcolonial Writing: Power, Art and Protest; Prison Voices; Relating Gender; Romanticism; Stage Worlds; Working in the USA

### Level 6

Year-long research module; Options typically offered: Mediating Popular Culture; Digital Writing; Popular Fiction and Publishing; Cultural Intersections in Restoration England; Art and Writing; Contemporary Poetry; Feminist Fictions; Slaves, Soldiers and Strikers; Genres of Travel; Late Modernism; Locating Madness; Neo-Victorianism; Representing Domestic Space; Post Millennial British Fiction; Race in America; Representing Masculinities; Shakespeare; Terrorism and Modern Literature; Vamps and Villains; World Literature; Working Class Writing; Contemporary Non-Fiction

### WORK-RELATED LEARNING

The degree is designed with your future employability in mind, so you are encouraged to develop transferable skills such as research, formats for professional writing, communication, problem solving, teamwork and independent working.

Some modules ask you to engage in collaborative blogging, contributing to online archives and improving your digital skills. Although we focus on theoretical and critical study, we incorporate applied case studies and work-related learning into many aspects of the programme, including a period of work experience. For instance, if you choose the Working in the USA module, you will have the opportunity to spend a month or more in the United States at the end of your second year.

### **CAREER PROSPECTS**

Alumni can be found working in advertising, marketing, public relations, museums, arts administration, media production, the publishing industry, retail, leisure, education, accountancy and the Civil Service.

# **ENVIRONMENTAL HEALTH**

## **BSc (Hons)**

The professionally accredited BSc (Hons) Environmental Health at Liverpool John Moores University offers you a broad range of opportunities to secure hands-on experience through a wide range of field trips and our extensive links with environmental health professionals.

### **COURSE OVERVIEW**

- Accredited by the Chartered Institute of Environmental Health (CIEH)
- I Opportunity to complete a workplace project
- I CIEH professional exam incorporated within the degree
- Field trips focusing on food safety, health and safety, housing inspections and waste disposal
- Option to enrol on a two-day practical food training course and exam
- Opportunities for study abroad, for example with our partners at Southern Connecticut State University

## **MODULES**

### Level 4

Key Study Skills; Environmental Sciences; Understanding Populations; An Introduction to Environmental Health Law and Policy; Environmental Health Concepts; Practical Skills for Environmental and Public Health

### Level 5

Work Based Learning – Developing Environmental Health skills; Food Safety; Environmental Protection; Housing and Public Health; Research Methods for Environmental Health; Health and Safety

### Level 6

Dissertation; Professional and Interdisciplinary Studies; Globalization: Health and Environmental Impacts; Career Planning and Professional Development; Health Promotion

### **WORK-RELATED LEARNING**

At Level 5, you have the chance to experience what it's really like to work in environmental health by undertaking a project within a local authority, private or voluntary sector organisation. This will help you to develop your professional skills as well as your knowledge base, and will add real value to your CV.

### CAREER PROSPECTS

By the time you graduate, you will have developed essential practical and professional skills plus your knowledge base, putting you ahead of the game when it comes to securing a job. You can expect to be able to forge a successful career in environmental health or a number of related fields. You may also choose to become a Chartered Environmental Health Practitioner (EHP). Further career opportunities exist for graduates in the fields of environmental and public health in organisations such as local authorities, the health sector, food retailers, the military, holiday firms and airlines.

### **ACCREDITATION**



# **EVENTS MANAGEMENT**

## **BA (Hons)**

This programme offers you exciting opportunities to manage a range of different events and secure essential professional experience. That's why you can expect to enjoy excellent career prospects in fields spanning the arts, culture and music, exhibitions and venues, and the tourism and hospitality industries.

### **COURSE OVERVIEW**

- I Opportunity to run your own live event, working with real clients, venues and attendees
- Excellent industry links and regular visiting guest speakers
- Option to undertake a year-long work placement after your second year
- Access to Liverpool-based national events and world-class venues
- Excellent career prospects within a multi-billion pound sector
- Year-long and semester long study abroad opportunities in international partner universities

### **MODULES**

## Level 4

Events Industry; Professional Skills Development 1; Event Marketing; Event Planning & Risk Assessments; Creative Event Design and Experience; Introduction to Management and Leadership

## Level 5

Staging Events 1; Staging Events 2; Research Design; Human Resource Management for Events; Integrated Marketing Communications; Business Events; Professional Skills Development 2

### Level 6

Individual Research Project; Enterprise & Entrepreneurship for Events; Event Impacts; Contemporary Issues in Events; Professional Career Development

### WORK-RELATED LEARNING

Throughout the course we encourage you to develop your skills and experience the world of events through a range of work-related learning options. In level 5 you get the opportunity to plan, stage and evaluate your own live event, giving you valuable work-related experience whilst raising money for a charity of your choice. The best way to immerse yourself in the industry, however, is to undertake a year's work placement between your second and third year, either in the UK or overseas. This will show you what it's really like to work full time in the industry and get the buzz that comes with running a successful event. You will also put into practice what you have learnt during the course and gain new skills to add to your CV, which will significantly boost your employability.

## **CAREER PROSPECTS**

Liverpool Business School has historically had an excellent employment record with graduates securing graduate-level positions with leading employers in public and private sectors, including Everton Football Club, Kellogg company, Santander and Deloitte.

Business visits and events are worth over £22 billion to Britain's economy and the value of business transacted at trade events is estimated to generate over £100billion a year. As such, you can expect to enjoy excellent career prospects in areas like event administration, sport, arts, music, conventions, exhibitions, meetings, event-related venues, event tourism and event hospitality.

### **ACCREDITATION**



# FASHION: DESIGN AND COMMUNICATION

# BA (Hons)

This degree is an ideal foundation for a successful career working in the fashion, design or communication industry. You will have a dedicated studio space and a wealth of opportunities available to you, from live projects and competitions to developing an industry standard portfolio.

### **COURSE OVERVIEW**

- I Students have opportunities to study abroad or apply for travel awards
- Specialise in either Fashion Design or Fashion Communication
- I Opportunities to undertake work experience with local, national and international companies
- I The programme is a member of the FTC (Association of Fashion and Textile Courses) as well as the Ethical Fashion Forum
- I Growing reputation for producing employable graduates

### **MODULES**

### Level 4

Introduction to Fashion; Fashion Practice Visualisation and Technology; Visual Direction and Technical Development; Contextual Research and Digital Media; Contextual Practice and Development

#### Level 5

Visual Language and Technical Exploration; Creative Direction and Technical Application; Contextual Studies and Digital Development; Contextual Critical Investigation and Personal Portfolio; Options typically offered: Fashion Design Focus; Fashion Design Context: Fashion Awareness: Fashion Direction

### Level 6

Studio Project/s; Final Major Project/s; Research Project; Professional Practice

### WORK-RELATED LEARNING

Throughout the course, you will be encouraged to view your work in the context of professional practise and get as much hands-on experience as you can before embarking on your career. This could be in the form of work placements or internships to really get a taste of the fashion industry and practice the skills you have learnt on the course. In addition to placements, we organise lots of exciting live projects where you can get involved in a variety of opportunities to get first-hand experience.

### CAREER PROSPECTS

Students go on to forge successful careers as designers, photographers, stylists, buyers, illustrators, PR officers, events managers and merchandisers, in the UK, Europe and beyond.

We are exceptionally proud of the achievements of our graduates.

Many have gained significant international recognition for their work. Others have gone on to work with big name fashion icons such as Alexander McQueen, Dazed & Confused and Paul Smith.

The programme provides many opportunities to meet prospective employers in the fashion industry. For instance, you may take an active role in Graduate Fashion Week (GFW) where the programme won the Drapers Award for the best GFW publication.

# **FILM STUDIES**

## BA (Hons)

Our Film Studies programme is a hybrid degree that combines practical and theoretical work. The course will enable you to explore the development of cinema worldwide, while providing you with extensive hands-on filmmaking and editing experience using our industry-standard production studio and editing suites.

### **COURSE OVERVIEW**

- Explore the history and development of cinema from around the world
- I Study film theory, criticism and interpretation
- Hands-on practice with digital cameras and editing software
- I Opportunity to learn filmmaking skills
- I Opens up careers in film production, exhibition and distribution as well as research and teaching

### **MODULES**

### Level 4

Film Language; Film Criticism; Documentary Film and Reality; Introduction to Fiction Filmmaking; Introduction to Documentary Filmmaking; Screenwriting and Genre

#### I aval

Audiovisual Essay; Experimental Film; American Cinema; European Cinema; Film Adaptation; Working in Film; Short Filmmaking

### Level 6

Interpretation in Film; World Cinema; Writing for Film; Final Film Pre-Production; Final Film Production; Options typically offered: Dissertation; Mixed Media Research; Work-based Learning

### WORK-RELATED LEARNING

The programme includes opportunities for work-based learning in which you spend a portion of your studies working in film or film-related industries, followed up by a written account of your experience. This is an invaluable opportunity to further enhance the practical and transferable skills that give you a professional edge when it comes to securing your first job in this very competitive market.

### **CAREER PROSPECTS**

Film Studies graduates have gone on to work in the film and television industries as writers, directors, researchers and actors. Employers include the BBC, Channel 4, FACT, LA Productions and Lime Pictures.

Key skills gained during the degree – such as problem solving as part of a team, critical judgement and being able to approach tasks independently, creatively and in a disciplined manner – are also in demand in public relations, advertising, corporate communications, cultural journalism, research and the film and television service industries.

Alternatively, you may want to pursue postgraduate study at MA and PhD level or go into teaching.

# **FINE ART**

# BA (Hons)

Situated within one of the top 10 Schools of Art and Design in the country, Fine Art at LJMU offers a unique focus on public exhibiting of artwork, while providing you with opportunities to work with local, national and international arts professionals, agencies and galleries.

### **COURSE OVERVIEW**

- Taught by nationally and internationally-renowned artists who work with sculpture, painting, installation, video, performance, printmaking, site-specific practice, and art theory
- Opportunities to take part in national and international study trips
- I Specialist workshops provide expert training and guidance in digital audio and video production, sculpture and 3D construction, digital studio photography and film, printmaking, 3D printing, textile work, and painting
- Teaching in the RIBA award-winning, purposebuilt John Lennon Art and Design Building

### **MODULES**

### Level 4

Building a Vocabulary; Form and Purpose in Fine Art Practice, Introduction to Criticality

## Level 5

Practice and Experimentation; Practice and Presentation; Criticality

## Level 6

Advanced Practice and Experimentation; Advanced Practice and Publication; Critical Research and Publication

### WORK-RELATED LEARNING

The degree averages around 50 public exhibitions a year compared to most degree courses that will not do more than a single degree show.

As Liverpool has more museums and galleries than any UK city outside London, there can be few better places in which to study Fine Art. Against this rich cultural backdrop, we have connections with a huge range of contemporary art institutions in the City including Tate Liverpool, Liverpool Biennial and FACT through the School's unique joint academic appointments with these significant organisations. All of these institutions directly support our work with students. This collaborative way of working will give you a real taste of the dynamic world of contemporary art, as well as giving you a chance to develop your ideas and learn how to present them as project proposals. Such experience is invaluable preparation for your future career, whether as a practising artist or working in a related field.

### CAREER PROSPECTS

There are many opportunities for contemporary artists who are building their own professional practice. You may be able to apply for grants, and supplement your income by running workshops for galleries and museums, taking up residencies, working collaboratively with other artists and artists groups, managing projects within the cultural sector and curating exhibitions and shows.

# FORENSIC ANTHROPOLOGY

## **BSc (Hons)**

The professionally accredited BSc (Hons) Forensic Anthropology offers extensive hands-on laboratory work and fieldwork, including being actively involved in excavating medieval human burial sites in Cheshire.

### **COURSE OVERVIEW**

- Accredited by the Chartered Society of Forensic Sciences
- Extensive hands-on fieldwork and laboratory work
- Opportunity to study abroad for a semester or to undertake a year-long work placement
- Access to excellent collections of human skeletal remains
- Taught by experts in forensic anthropology, human osteology, genetics, crime scene analysis, excavation and mass grave investigation
- Specialist facilities including geophysics equipment for exploring burial contexts, plus forensic analysis and scene-of-crime labs and an osteology lab with digital X-ray and 3D laser scanning equipment

### **MODULES**

### Level 4

Introduction to Biological Anthropology; Crime Scene Investigation; Genetics and Evolution; Introduction to Archaeology; Forensic Field Skills; Forensic Science

### Level 5

Human Osteology; Human Anatomy and Genetics; Trace Evidence Analysis; World Archaeology; Excavation and Analytical Techniques; Forensic Methods; Forensic Human Identification

### Level 6

Forensic Anthropology Research Project; Palaeopathology; Forensic Anthropological Genetics; Advanced Forensic Methods; Work Based Learning; Advanced Forensic Anthropology; Forensic Bioscience; Geoforensics; Expert Witness

## **WORK-RELATED LEARNING**

You will have the opportunity to undertake a 12-month sandwich placement and/or a 4-6 week placement with a relevant organisation in the UK or abroad. This will give you a chance to put what you have learnt into practice, develop your personal and subject-related skills and acquire new skills to enhance your CV.

### CAREER PROSPECTS

In the wake of natural disasters or conflicts, international aid and logistical organisations recruit forensic anthropologists to assist in the recovery and identification of human remains for repatriation and legal purposes. Forensic companies, police departments, universities, museums, industry and government laboratories all recruit graduates. Some graduates have taken their studies further with a Masters Degree or PhD. 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. Your transferable skills will also enable you to compete in the wider job market, for instance in secondary school teaching and the allied health sciences.

## **ACCREDITATION**



# FORENSIC PSYCHOLOGY AND CRIMINAL JUSTICE

## **BSc (Hons)**

Completing this professionally accredited degree will give you vital insights into the criminal mind and criminal justice system, opening up a wide range of exciting career opportunities.

### **COURSE OVERVIEW**

- Recognised by the British Psychological Society
- I Fascinating insight into the criminal mind and the criminal justice system
- Diverse range of careers in forensic psychology, the police, probation and prison services, drug and alcohol support, victim and witness support, and youth work

## **MODULES**

### Level 4

Criminal Justice Process; Introduction to Developmental Psychology and Individual Differences; Introduction to Biological and Cognitive Psychology; The Criminal Justice Process; Criminological Theory; Introduction to Forensic Psychology and Criminal Justice; Research Methods and Statistics in Psychology 1 and 2

### Level 5

Decision-Making in Criminal Justice; Introduction to Penology; Exploring Forensic Psychology and Criminal Justice; Research Methods and Statistics in Psychology 4; Cognitive and Biological Psychology; Developmental and Social Psychology

### 1 aval 6

Dissertation; Forensic Psychology; Prisons; Community Penalties; Policing; Crime and Security in the EU; Crimes of the Powerful; Dissertation; Youth Justice; Victimology; Drugs, Alcohol and Criminal Justice;

Contemporary Issues in Penology; Substance Use; Positive Psychology Applied Health Psychology; Cognitive Neuroscience; Appetitive Behaviour; Face Perception; Social Cognition; Sleep

### WORK-RELATED LEARNING

You will be encouraged to seek out voluntary work with a range of local agencies during your course. We work very closely with partners in criminal justice to help students get relevant voluntary experience while they study, which is more beneficial to those who want to go on and work in the sector or take a further forensic qualification. All hands-on experience will prove invaluable once you start to apply for jobs, as you will be able to demonstrate to potential employers that you have professional skills as well as the drive and initiative to succeed.

### CAREER PROSPECTS

Previous graduates have secured roles including: trainee forensic psychologist; clinical support worker; police officer; probation service assistant; arrest referral team worker; DAT support worker; victim support worker; youth worker and cognitive behavioural programme facilitator for the prison service.

### **ACCREDITATION**



# **FORENSIC SCIENCE**

# **BSc (Hons)**

The BSc (Hons) Forensic Science offers the opportunity to spend a large proportion of your time in the lab, carrying out drug spot tests, analysing fingerprints, processing crime scenes and analysing DNA.

### **COURSE OVERVIEW**

- I Opportunity to undertake a year's industrial placement
- Option to focus on biological or chemical aspects of analysis
- £6 million investment in teaching facilities, including specialist forensic analysis and scene-of-crime labs
- Opens up careers in the police, analytical laboratories, insurance or legal firms, independent forensic laboratories and the teaching sector
- Accredited by the Chartered Society of Forensic Sciences

### **MODULES**

### Level 4

Forensic Science Research Methods 1; Crime Scene Investigation; Forensic Chemistry; Forensic Science; Molecular Bioscience for Forensic Sciences; Forensic Field Skills

### Level 5

Forensic Science Research Methods 2; Trace Evidence Analysis; Analytical Forensic Science; Molecular Forensics: Forensic Methods

#### Level 6

Research Project; Advanced Forensic Methods: Expert Witness

### WORK-RELATED LEARNING

We have links with local police forces and forensic providers, who may provide work placement opportunities. With the support of a placement tutor, you may be given the opportunity to do paid work with one of our local police force or forensics lab contacts where you will put into practice skills and knowledge gained in your first two years of study.

As well as giving you a chance to develop personal skills and take a break from formal study, this experience will add real value to your CV and significantly boost your employability prospects.

### CAREER PROSPECTS

Graduates are qualified to work in forensic analysis, such as police scientific laboratories, independent forensic science providers, pharmaceutical companies, the chemical industry and hospital laboratories. You could be based in a variety of locations, such as a laboratory, office, in the field or on crime scenes. Trading standards, working for insurance companies, environmental monitoring and legal firms are other options.

Graduates are highly employable due to the transferable skills they acquire during their studies at LJMU.

### **ACCREDITATION**



# **GEOGRAPHY**

# **BSc (Hons)**

Exploring the way in which our physical environment develops and how humans affect natural processes and interact within the world form the basis of the BSc (Hons) Geography. This vocational programme offers plenty of opportunities to apply your knowledge in practical contexts.

## **COURSE OVERVIEW**

- I Field trips to Spain, the Lake District, Snowdonia, Peak District and the North West coast included in fees
- Additional opportunities for overseas field trips to places such as Crete, Santorini and Iceland
- Focus on practical and field based learning activities so students develop applied skills and graduate work ready
- Access to brand new, state-of-the-art Geographical Information Systems and analytical equipment

- Regular extracurricular employability events, giving students the opportunity to network with high profile companies
- Options to undertake work placements of 4-6 weeks and/or 12 months in the UK or abroad.

## **MODULES**

### Level 4

Methods in Geography 1 \*; Methods in Geography 2 \*; Earth Systems \*; Landforms and Landscapes \*; Natural Resources and Hazards; Environment, Society and Sustainability

### Level 5

GIS, Geography and Beyond; Project Design and Management; International Geography\*; Options typically offered: Globalisation and Development; Climate Change; Terrestrial and Marine Systems; Urban Geography; World Archaeology; Volcanoes, Earthquakes and Society

### Level 6

Research Project; Options typically offered: Work Based Learning; Environmental Change; Mediterranean Environments\*\*; Cold Environments: Processes and Change\*\*; Geoforensics; Sustainable Natural Heritage; Environmental Modelling and GIS; Coastal and Marine Management; River Monitoring and Management

\*Currently includes residential field class – cost included in fees

\*\*Currently includes international residential field class –student contribution to cost required

### WORK-RELATED LEARNING

You have the opportunity to undertake a 12-month sandwich placement and/or a 4-6 week placement. With the support of a placement tutor, you will have the opportunity to work for a geography or environment-related organisation and put into practice skills and knowledge gained in your first two years of study. Many students are offered work with the same organisation or through contacts made.

## **CAREER PROSPECTS**

Recent Geography graduates have found employment with the Environment Agency, local authorities and the water industry as flood risk consultants and water supply and distribution advisers. Others have entered the geoscience industry working overseas in oil, gas and mining. Graduates are highly employable because of their transferrable skills, particularly using GIS in geographical applications. Careers in other fields are also an option.

### **ACCREDITATION**



# GRAPHIC DESIGN AND ILLUSTRATION

## **BA** (Hons)

The Graphic Design and Illustration course at LJMU has a well-established reputation for developing innovative designers and illustrators, highly sought after by employers in this exciting but competitive sector.

### **COURSE OVERVIEW**

- Diverse range of graphic arts covered including graphic design, illustration, printmaking, photography, animation, motion graphics and interactive design
- Work with and be taught by renowned graphic designers, illustrators and professionals from the creative industries
- Opportunities to participate in 'live' projects, work collaboratively or in teams, and attend freelance and networking events

### **MODULES**

### Level 4

What? Studying Graphic Design and Illustration; How? Making Graphic Design and Illustration; Why? Applying the Creative Process; Images; Words; Discourse

### Level 5

Investigate, Document, Present; Future Thinking; Options typically offered: Graphic Design and Typography; Graphic Design and the Screen; Graphic Design and Identity Graphic Design and Context; Illustration (Text and Image); Illustration (Materials and Media); Illustration (Creative Practice); Illustration (Context)

### Level 6

Graphic Arts Research Project; Studio Projects; Future Focus

### WORK-RELATED LEARNING

We work closely with many elements of the creative industry on a variety of projects, including design workshops and collaborative projects. You will have opportunities to apply for a limited number of placements and the course encourages participation in relevant industry events and showcases.

You can take part in 'live' projects with external partners, often in teams with fellow coursemates. There will also be opportunities to enter design competitions and attend graduate freelance events. A number of our students and graduates enter and are successful in high profile awards and professional schemes.

Additional to this experience, you will have the chance to produce an online portfolio reflecting your personal development and future career aspirations to show to prospective employers.

### **CAREER PROSPECTS**

This highly vocational programme presents many opportunities to make contacts in the world of graphic design, through placements, projects, competition briefs and graduate freelance and self-employment events. All of these activities are pathways into careers in the creative industries, whether you decide to go freelance, find employment with a large agency or start up your own design studio. The course also continues to develop a number of initiatives with highly respected design studios to embed workshops and real world projects led and delivered by industry professionals within our Level 5 and 6 professional development modules.

# **HISTORY**

## **BA (Hons)**

The historian is inquisitive, curious and prone to challenging assumed knowledge. The LJMU History degree encourages and develops these skills to cultivate an understanding of the past, and appreciate how that informs and shapes the present.

### **COURSE OVERVIEW**

- 93% of our students said they were satisfied with their course in the 2019 National Student Survey
- Ranked 9th best UK History degree in the 2020 Guardian University League Tables
- A wide range of modules ranging from Japan to Ireland
- Develops high-level problem-solving and communication skills sought by employers
- Opens up a diverse range of careers from managerial and administrative posts to the media and the military.

### **MODULES**

### Level 4

Making History; Exploring History; The Faces of Britain; Lion Rampant, Lion Tamed – The Rise and fall of the British Empire; Modern European History: Myth, Memory and the Uses of the Past; The American Age: People, Politics and Power

### Level 5

Debates in History; Research Paper, Options typically offered: Graduate Enterprise; Case Study in History; Archive Adventure; A History of Modern Latin America; Global France: Nation, Empire and Society in Modern French History; The Soviet Experiment, 1917-1991; Colonial Africa, 1880-1994; The Making of Modern Britons: Identity and Community 1901 to 1964; Gendering the Past; Ireland, 1690-1920; The International Crisis, 1919-1939; From Shogun to Showdown: Japan, 1853-1941; The Third Reich: War, Genocide and Opposition; American Foreign Policy in action; Supernatural Britain; The International Relations of the Middle East in Comparative Perspective; Public History: Presenting Museums, Galleries, Archives and Historical Buildings; The Sound of Memory

### Level 6

Dissertation in History; Options typically offered: Living with Defeat: France and the Second World War, History and Legacies; Revolutionaries: International Communism in the Era of Lenin and Stalin: Brummies, Geordies, Scousers and others: Britain on Film: British newspaper history 1855 -1986: 'Wholesale and harmless entertainment': 'We would not know there was a war on'. Life on the British Home Front During the Second World War: Laws of War: Soviet Body Politics: Sport, Leisure and Health, 1917-1945; US Democracy Promotion in the Modern Era; Victorian Cities; Life Inside Nazi Germany, 1933-1945; The US and the Vietnam War; Revolutionary Traditions in Ireland; Interpreting conflict in post-colonial Africa: Queer Britain: International Human Rights: From the 5th Millennium to the 21st Century; History in Schools; Sovereignty, Conflict and the International Order; When the Sun Set in the East: End of Empire in Southeast Asia: International Fieldwork in History

### WORK-RELATED LEARNING

The History programme is focused on helping you to develop first-rate skills in communication and critical analysis, which are highly valued by employers. This is why a History degree is a good basis for so many different careers.

### CAREER PROSPECTS

Graduates are working in occupations ranging from advertising, marketing, museums, arts administration and publishing to industrial, retail, leisure and charitable organisation management, educational administration, accountancy, law, the social and Civil Services and teaching.

Another option is to continue in education with a masters degree, PhD or vocational course, such as journalism or marketing.

# HISTORY AND ENGLISH LITERATURE

# **BA** (Hons)

This degree will provide you with an opportunity to not only discover the past but also how past and present is recorded in a variety of sources including novels, visual sources, films and poetry.

### **COURSE OVERVIEW**

- Taught by a passionate team of academics, rated 9th best in the country in the 2020 Guardian University League Table
- In the 2019 National Student Survey, 91% of students in this school said they were satisfied with the learning resources available to them
- Teaching from leading academics who have written scholarly works on topics ranging from American foreign policy to sport in the Soviet Union, through to Sherlock Holmes and Irish rock music
- A broad range of module topics that includes Britain, Ireland, Europe, Japan and sub-Saharan Africa

### **MODULES**

### Level 4

Modern European History: Myth, Memory and the Uses of the past; Reading English; Literary & Cultural theory; Practices of History; Literature in Context: Britain in the 1950s; The American Age: People Politics and Power

### Level 5

Global France, Empire and Society in Modern French History; The Soviet Experiment, 1917 – 1991; Colonial Africa, 1880-1994; The Making of Modern Britons: Identity and Community 1901 to 1964; Gendering the Past; Ireland, 1690-1920; The International Crisis, 1919 – 1939; From Shogun to Showdown: Japan, 1853 – 1941; Prison Voices: Crime, Conviction and Confession, c. 1700-1900; Modernism and Modernity; Romanticism: Revolution, Reaction and Representation; Postcolonial Writing: Power, Art & Protest; Body, Mind and Soul: Seventeenth Century Literature and Culture; Relating Gender: Fiction from the 19th Century to the Present; Stage Worlds: Early Modern Drama & Culture

### Level 6

Options typically offered: History & English Dissertation: End of Empire: Historiographical and Southeast Asian Perspectives; The Rise and Fall of Nazi Germany; British Newspaper History 1855-1986:' Wholesale and Harmless Entertainment'?; Independent Study in History: Queer Britain: Victorian Cities: International Fieldwork in History; Celebration and Commemoration in Irish History; Transitions: identities in the Interwar Years; Interpreting conflict in post-colonial Africa; Living with Defeat: France and the Second World War, History and Legacies; The Soviet Experience, 1917 - 1991; Post-Millennial British Fiction; Laws of War; Vamps and Villains: Exploring Gothic Fiction; Writing Lives: Collaborative Research Project - The Archive of Working-Class Writing; English Independent Study; Race in America; Writing the Real: Contemporary Non-Fiction: Terrorism and Modern Literature

## WORK-RELATED LEARNING

This programme will help you develop first-rate skills in communication and critical analysis – both highly valued by employers. This is why a History and English Literature degree is a good basis for so many different careers.

At Level 5, you have the opportunity to spend one month on work placement in the United States after undertaking a specially designed module to help you prepare for it. This is a once-in-a-lifetime opportunity to get invaluable work experience in a different culture and could even lead to employment once you graduate.

## **CAREER PROSPECTS**

Alumni can be found working in occupations including advertising, arts administration, educational, accountancy, law, Civil Services and teaching.

Some graduates complete teacher training PGDE courses or use their skills in other types of teaching, such as English as a second language or adult education. Another option is to continue in education with a masters or PhD.

# HISTORY OF ART AND MUSEUM STUDIES

## BA (Hons)

Informed by internationally important research, LJMU's History of Art and Museum Studies programme is taught in our award-winning John Lennon Art and Design Building and offers exciting international internship opportunities.

### **COURSE OVERVIEW**

- Excellent overall student satisfaction rates in consecutive National Student Surveys
- Options to specialise and tailor your assessments according to your career plans or personal interests in Art History
- You can get involved with the School's own internationally-important gallery, the Exhibition Research Lab

### **MODULES**

### Level 4

Frameworks in Art History; Collaboration with Contemporary Art; Introduction to Art History; Artists and Practices; An Introduction to Museums and Galleries; Non-Western Art

### Level 5

Curating: Histories and Practices 1; Internship and Professional Development Preparation; Art and Representation; Methods in Art History; Internship and Professional Development Practice; Curating: Histories and Practices 2; History of Design

### Level 6

Research Project; Major Project Research and Development; Research Paper and Symposium Presentation; Major Project Practice

## **WORK-RELATED LEARNING**

We have many influential connections, both in Liverpool and internationally. Our links with organisations such as the Bluecoat Arts Centre, Open Eye Gallery, National Museums Liverpool, FACT, Liverpool Biennial and Tate Liverpool have resulted in successful projects as well as employment for students.

Students can undertake our Peggy Guggenheim Internship Programme in Venice, which offers unique and varied opportunities to experience the art world as well as adding real value to your CV. Our Internship module offers opportunities to gain work experience in a wide variety of art-related institutions, including museums and galleries, auction houses, sites of cultural heritage, archives and artists' studios. We also offer unique opportunities to experience the art world through exchange placements at universities in Denmark, Italy and the USA.

In your final year, you will have the opportunity to take on a major project, which could involve running art activities in schools, curating an exhibition, conserving art works or writing for a newspaper.

### CAREER PROSPECTS

Past graduates have found careers as curators, education officers, in marketing, coordinators of volunteers in museums, conservation experts, teachers, auctioneers, arts administrators, art insurance brokers, archive managers, grants administrators and journalists.

The course has a strong network of supportive graduates who regularly feed back into the course by making visits and providing advice. A number go on to study postgraduate degrees.

# HUMAN RESOURCE MANAGEMENT

## **BA (Hons)**

Human Resource Managers can boost the morale of an organisation, helping to reduce staff turnover and increase productivity. This CIPD approved degree will provide the knowledge and skills to work effectively in this sector.

### **COURSE OVERVIEW**

- 100% of our students said they were satisfied with their course (National Student Survey, 2019)
- Accredited by the Chartered Institute of Personnel and Development (CIPD)
- Uses real-world case studies and role play to enhance skills
- I Option to undertake a one year work placement

### **MODULES**

## Level 4

Introduction to HR; Academic and Digital Skills; Business Finance and Budgeting Skills for HR; Organisational Behaviour and Psychology; Social, Political and Legal Context of HR; HR Practitioner Skills; Management Practice

### Level 5

Leadership and Management; HR Professional Practice; Employability; Development, Coaching and Performance; Advanced Selection Practice; Introduction to Research Methods

### Level 6

Strategic HR Theory and Practice; Equality, Diversity and Inclusion; Employment Relations and Legal Framework; Organisational Development and Change Management; Strategic HR Competencies; Dissertation and Impact Report

### WORK-RELATED LEARNING

In level 5, you can decide whether to undertake a paid 48-week work placement in the UK or overseas between level 5 and 6

This experience allows you to put into practice skills acquired on the course and conduct a piece of assessed research. If you acquire the appropriate employer-verified skills during your placement, you will be able to build your portfolio to upgrade your CIPD student membership to Associate member (Assoc CIPD).

Previous HR students have completed placements with organisations as diverse as Liverpool John Lennon Airport, Liverpool Football Club and Vauxhall Motors.

If you choose not to take up the placement option, there are intern and voluntary opportunities available. Specialist modules will also enable you to develop skills and experience needed for CIPD membership.

### CAREER PROSPECTS

This degree will prepare you for various roles in the sector including consultancy, general human resource or personnel management, learning and development, recruitment, equal opportunities and diversity, information systems for HRM and work psychology.

Recent graduates have enjoyed success in companies as diverse as Toyota, Siemens and Morrisons.

### **ACCREDITATION**



# INTERIOR ARCHITECTURE

# **BA** (Hons)

This programme gives you the opportunity to work on a range of authentic architectural projects with input from practicing architects and interior design specialist in a dynamic studio environment with access to industry standard technical facilities.

## **COURSE OVERVIEW**

- Students can access study abroad opportunities and apply for overseas travel awards
- Access to some of the UK's best examples of urban redevelopment and iconic buildings
- Teaching in the RIBA award-winning, purpose built John Lennon Art and Design Building
- Direct involvement in live artistic projects taking place in the city
- I Opportunities for overseas exchanges and study trips

### **MODULES**

### Level 4

History and Theory 1; Architectural Evaluation; Architectural Design 1; Architectural Design 2 – Origination; Architectural Design 2-Resolution; Technology and Practice

#### Level 5

History and Theory 2; Creative Adaption-Origination; Creative Adaption-Resolution; Experimental Design-Origination; Experimental Design Resolution; Technology and Practise 2

### Level 6

CDP Research; Interior Design Origination; Interior Design Resolution; Comprehensive Design Project; Technology and Practice 3

### WORK-RELATED LEARNING

Alongside your development of professional architectural skills, you will gain transferable skills that will enhance your employability once you graduate. You will hear from a range of guest speakers, as part of the School of Art and Design's Masters Series lectures. You will have the opportunities to participate in symposia run by the Architecture department as well as opportunities to enter competitions relating to professional development.

### **CAREER PROSPECTS**

To become a registered architect you usually need to work for an additional year in architectural practice then complete a two-year Master of Architecture (MArch) diploma. One you have Passed the RIBA Part 3 exams, you can practice in any EU or commonwealth country and many other countries outside the EU.

If after graduating you choose not to go down the route of becoming an interior architectural designer, a range of other careers are open to you as project managers, property managers, property developers, furniture designers, lighting designers, architectural visualisation artists and journalists.

Many of our graduates have successfully secure employment at world-class practices throughout the UK and further afield, while others have remained in the city of Liverpool contributing to its evolution, taking key roles in leading practices that have reshaped the city over the last decade.

# INTERNATIONAL RELATIONS AND POLITICS

# BA (Hons)

This innovative degree will provide a grounding in international relations theory while examining indepth issues on enduring international significance. In examining the challenges the world faces today, we will encourage you to develop your own opinions and actively engage in politics.

### **COURSE OVERVIEW**

- Develop your own political voices and choose how to actively engage with world affairs
- I Hear from experts and practitioners in the field of International Relations
- The option to study abroad for either a semester or a year with one of our overseas partners
- I The option to do a year-long work placement in an international-related organisation
- Participate in field trips to visit and understand the complex workings of institutions and think tanks

### **MODULES**

### Level 4

International History and State Formation; Introduction to International Relations and Politics; Understanding the Theories behind Politics; Researching International Relations; Comparative Politics; Being Politically Engaged

### Level 5

Debating International Relations Theory; Research Paper in International Relations; Options typically offered: A Bitter Resurgence: China into the Modern World (1894-1992); BRICS in World Politics; Revolution in International Relations; Colonial Africa (1880-1994); International Politics at the Regional Level; The Soviet Experiment (1917-1991); Issues in Global Politics; Globalisation, Culture and Society

#### Level 6

Research Project; Options typically offered: Non-Western Political Theories; Politically Engaging with the State; Interpreting conflict in post-colonial Africa; Aesthetics and Politics; Public International Law; Ten Great Books in International Politics; The International Politics Development; The UN and International Security; US Democracy Promotion in the Contemporary Era; Sport, Crime and Society: A Critical Sociological Analysis; Law of War, Body Politics: Gender, Sexuality and Society

## **WORK-RELATED LEARNING**

This degree is focused on helping you to develop first-rate skills in communication and critical analysis, which are highly valued by employers.

### **CAREER PROSPECTS**

This programme aims to enhance your career prospects in a range of international relations related fields such as in the government and non-government sectors. It is why you will meet practitioners, go on field trips, and have the opportunity to gain work experience in the field.

# INTERNATIONAL TOURISM MANAGEMENT

## **BA (Hons)**

This course offers excellent career prospects plus exciting opportunities to complete short and year-long placements both locally and overseas.

### **COURSE OVERVIEW**

- Degree informed by wide ranging links with the public, private and voluntary organisations including the Local Enterprise Partnership, Liverpool City Council, local museums and other leisure and tourism facilities and attractions
- I Four weeks work experience
- Exciting year-long work placement opportunities, including the USA
- Year-long and semester-long study abroad opportunities in international partner universities
- Ranked 1st in the North West and 5th in the UK (Complete University Guide 2019) for course category

### **MODULES**

### Level 4

Management and Leadership in Tourism; The Business of International Tourism; Tourism Concepts; Tourism Marketing; Tourism Dynamics; Tourism and Hospitality in Society

## Level 5

Managing Tourism Operations; Work Related Learning; Investigating Tourism; Tourism, Culture and Society; Applied International Tourism; Integrated Marketing Communications for Tourism

## Level 6

Individual Research Project; Tourism, Heritage and Culture; Responsible Tourism and Planning; Contemporary Issues in International Tourism; International Marketing; Tourism Business Enterprise

### WORK-RELATED LEARNING

Practical experience is an extremely important element of your studies. You will spend four weeks of work-related learning in level 5, as well as an optional sandwich placement year where you will undertake 12 months of work-related experience.

Should you choose to take up the sandwich placement year option, it will provide you with invaluable experience of working in the tourism sector, and will be a chance to put what you have learnt in the first two years of your degree into practice and develop new skills. Thanks to links with local organisations in the private, public and voluntary sectors we can offer you a range of placements in the tourism and leisure-related sectors.

### **CAREER PROSPECTS**

Liverpool Business School has historically had an excellent employment record with graduates securing graduate-level positions with leading employers in public and private sectors. These include Everton Football Club, Kellogg company, Santander and Deloitte.

Graduates of this course are well placed to work within specific aspects of tourism such as tourism marketing or management in a wide range of tourism or leisure organisations both in Liverpool and further afield. The fast-growing tourism sector offers a range of career opportunities in sectors such as creative arts, heritage, tourism planning, hospitality, leisure, marketing and events.

# **JOURNALISM**

## **BA** (Hons)

A highly vocational programme taught using industry-standard facilities so you gain the hands-on experience you will need in your day-to-day work as a journalist. Facilities include edit suites, newsrooms, radio sound studios and a TV studio.

### **COURSE OVERVIEW**

- Practical training in research and writing as well as broadcast, print and online production
- Teaching from journalists with many years' experience and links to local newspapers,
   TV companies and radio stations
- Opportunities for industrial placements with media organisations, including a paid internship with the Index on Censorship
- Option to sit National Council for the Training of Journalists exams

### **MODULES**

### Level 4

Introduction to Professional Practice; Studying as Journalists; Introduction to Reporting; Reporting Skills; Understanding News Media

### Level 5

Developing Broadcast Skills; Reporting UK Politics; Online Journalism Production; Multi-Media News Practice; UK Law and Ethics for Journalists; Magazine Journalism

## Level 6

Advanced Journalism Practice (including live newsdays and work placement); Journalism Careers; Options typically offered: Dissertation; Journalism Issues; Sports Journalism; PR for Journalists; Specialist Journalism

### WORK-RELATED LEARNING

This course offers many opportunities for practical, hands-on experience and work placements, thanks to our connections in the local, national and international media. For instance, LJMU and the Index on Censorship offer a 12-month paid internship for a journalism student at the IoC headquarters. This is a great way to meet industry experts and learn about free speech around the world, as well as building skills in public relations, lobbying and campaigning.

Work experience like this is an invaluable opportunity to practise your skills in a high-pressure news media environment and will put you at a distinct advantage over other applicants once you enter the competitive job market. In fact, many students are offered permanent jobs at institutions like the BBC, Trinity Mirror and Lime Pictures on the basis of a successful work placement.

### CAREER PROSPECTS

Our graduates have a good record of employment, forging successful careers as reporters, writers, editors, specialist correspondents, freelance journalists and television presenters. As well as working in television and news publishing, they can be found in broadcasting and news agencies, public relations departments and consultancies, web-based media and local authority press departments.

### **ACCREDITATION**



# **LAW**

# LLB (Hons)

The professionally accredited LLB (Hons) Law is taught by a supportive and highly qualified team of legal professionals and academic staff.

### COURSE OVERVIEW

- Sandwich year option providing students with the opportunity to undertake a supported, yearlong work placement in the UK or overseas
- Teaching from supportive and highly qualified legal professionals and academics
- Direct progression onto professional practice training programmes
- Opportunities to study in Europe as part of the School of Law's Erasmus + programme
- I High levels of student support including a mentoring scheme and law society

### **MODULES**

### Level 4

Law of Tort; Principles of Contract Law; Foundations of the Law; Criminal Law; Public Law; Independent Learning and Legal Skills

### Level 5

Land Law; Law of the European Union; Remedies in Contract, Tort and Restitution; Equity and Trusts; Options typically offered: Criminal Justice Process; Employability and Business Skills; Introduction to Business Law; Crime and Security in the EU; Law of Succession; Sports Law; Property Offences; Politics and International Human Rights; Law and the Vulnerable Person: Principles of International Trade.

### Level 6

Options typically offered: Employment Law; Media Law; Child Care and Protection; Negotiation; Jurisprudence and Legal Theory; Public International Law; Family Law; Commercial Law; Mediation; Legal History Dissertation; Gender, Sexuality and the Law; Sex, Crime and Society; Mooting; The American Legal System; Company Law; Intellectual Property; Evidence; Medical Law and Ethics; The UN and National Security; Bank and Financial Services Regulation; Animal Welfare and the Law; Maritime Law; Advanced Contract Law; Dissertation; Law Relating to Financial Crime; European Socio-Legal Studies

### WORK-RELATED LEARNING

The selective sandwich year option will allow you to spend an academic year on a work placement in a legal or non-legal role.

The LLB contains a number of modules at Levels 5 and 6 which focus specifically on the skill sets that employers value, such as Mooting, Appropriate Dispute Resolution and Professional Development in Law.

Our student law society provides excellent opportunities to network with local solicitors and barristers who could help you to secure a work placement, but your tutors will also be on hand to support you in finding a suitable position.

### **CAREER PROSPECTS**

In addition to preparing future lawyers, the LLB has a wide-ranging appeal in a broad array of careers, from local and central government, the criminal justice system and the commercial world.

Students have the opportunity to volunteer for the School of Law's Legal Advice Centre, which offers a range of pro bono legal services. The service works closely with solicitor mentors from some of Liverpool's best legal firms, giving students plenty of opportunities to put their legal education into practice while making connections with local practitioners.

# LAW AND BUSINESS

## BA (Hons)

There are many aspects of contemporary business practice enshrined in UK law. Anyone wishing to start their own business or work within a senior position in a company needs to understand how law impacts on the business environment. This new programme fuses law and business to create a dynamic and cross-disciplinary degree.

### **COURSE OVERVIEW**

- I Excellent career prospects in Law or Business
- I Options to specialise in Law or Business subject
- Optional placement year
- Curriculum carefully balances practice and theory

### **MODULES**

### Level 4

Skills for Law and Business; Principles of Contract Law; Principles of Law and Business; Marketing for Business; Contemporary Business Issues; Law of Tort

### Level 5

Economics and Regulation; Employability and Commercial Awareness; Managing Projects; Introduction to Business Law; Options typically offered: Sports Law; Principles of International Trade; Internationalisation; Human Resources; Consumer and Buyer Behaviour; Managing People

### Level 6

Intellectual Property; Company Law; Options typically offered: Media Law; Negotiation; Commercial Law; Mediation; Mooting; Employment Law; Bank and Financial Services Regulation; Maritime Law; Advanced Contract Law; Dissertation; Law Relating to Financial Crime; International Corporate Finance; Financial Risk Management; Managing Performance and Engagement; Internal Quality Management System Auditing; Business Quality Management

### WORK-RELATED LEARNING

As well as offering students a unique fusing of Law and Business disciplines, this degree programme also offers an optional yearlong work placement in the form of a sandwich year. This option offers highly desirable experience in a sector or an organisation that you may wish to work within upon graduation. Not only does this provide you with valid and essential experience, but the work placement option also enables students to meet potential future employers.

## **CAREER PROSPECTS**

By combining subjects, you will be able to exploit career synergies that are often closely linked in industrial and commercial fields.

You will be able to pursue opportunities in a range of business environments, especially with a legal focus.

# LAW AND CRIMINAL JUSTICE

# LLB (Hons)

Law and Criminal Justice is the ideal preparation for a range of fascinating careers in both the legal and the criminal justice sectors.

#### **COURSE OVERVIEW**

- Teaching from supportive, internationally recognised legal professionals and criminal justice writers and practitioners
- Work placements and voluntary work opportunities to enhance your CV
- Opportunities to represent LJMU at national debating and mediation competitions

#### **MODULES**

#### Level 4

Criminal Justice Process; Criminal Law and Criminal Justice; Principles of Contract Law; Criminological Theory; Foundations of Law; Public Law

#### ا امرا ا

Decision Making in Criminal Justice; An Introduction to Penology; Law and the European Union; Equity and Trusts; Law of Tort; Land Law

#### Level 6

Remedies in Contract, Tort and Restitution; Options typically offered: Contemporary Issues in Penology; Crimes of the Powerful; Youth Justice; Victimology; Substance Use, Society and Criminal Justice; Policing; Dissertation; Work-based Project; Media Law; Childcare and Protection; Negotiation; Jurisprudence and Legal Theory; Public International Law; Family Law; Commercial Law; Mediation; Legal History Dissertation; Gender, Sexuality and the Law; Sex, Crime and Society; Mooting; The American Legal System; Law of Succession; Company Law; Intellectual Property; Employment Law; Evidence; Medical Law and Ethics; The UN and International Security; Band and Financial Services Regulation; Animal Welfare and the Law; Law Relating to Financial Crime; Crime and Security in the EU; European Socio-Legal Studies

#### WORK-RELATED LEARNING

This highly vocational course is designed to enhance your employability by incorporating hands-on practical experience and work-related modules at every level. A member of staff will advise you about specific work-related opportunities and act as a link mentor, liaising with local organisations on your behalf.

The course contains a number of modules that focus specifically on the skill sets that employers value, not just in the legal professions but in other careers as well. Communication, writing and organisational skills are all assets that will help you stand out from the crowd.

#### **CAREER PROSPECTS**

Graduates have entered a variety of careers, including solicitor; barrister; local authority legal adviser; police officer; probation officer; drug and alcohol support worker and social worker. The School of Law's academic tutors work closely with LJMU's student development co-ordinator and careers advisors.

# LEARNING, DEVELOPMENT AND SUPPORT

### **BSc (Hons)**

The BA (Hons) Learning Development and Support at Liverpool John Moores University is the ideal preparation for an ITT in primary or early years education. You can study this degree while still working full time in an educational setting.

#### **COURSE OVERVIEW**

- I Appropriate for those working in all phases of education
- Saturday classes so you can continue in full-time employment, plus electronic learning materials so you can study at your own pace and in your own time
- Focus on SEN and the emotional and mental development of children and young people
- Opens up career pathways in teaching and the social services

#### **MODULES**

#### Level 4

Study Skills (incorporating induction); Learning at Work Project (LAWP) Theory and Practice; Child Development In The Early Years; Current Issues in Education; LAWP Personal Professional Development

#### Level 5

Including the excluded; Child Development In The Middle Years; Academic Research Methods; Additional module: Research in Professional Practice; Option modules typically include: Learning from Work – Negotiated Workplace Learning; Learning from Work – Theory and Practice; Current Issues in Education; Learning from Work – Developing Professional Practice

#### Level 6

Work Based Enquiry Extended; Development Disorders; Emotional and Cognitive Development in Adolescence; Option modules typically include: Learning from Work – Theory to Practice; Current Issues in Education

#### **WORK-RELATED LEARNING**

Work based learning is key to this programme and all students are required to work for a minimum of two and a half days per week in an educational environment. This work based learning is drawn on assessments.

#### **CAREER PROSPECTS**

Previous graduates have gone on to complete graduate Teacher Training programmes and PGCE courses in primary or early years. Others have used their qualification to progress on to other professional level qualifications and training programmes.

# MARITIME BUSINESS AND MANAGEMENT

### BSc (Hons)

This BSc degree course has been designed for those who desire an in-depth knowledge of the maritime business world. With its law and business content, you will gain an understanding of this fascinating sector.

#### **COURSE OVERVIEW**

Close links with industry ensure curriculum reflects current professional practice and industry demands, while industrial seminars and field visits help students engage with professional practice and working environments throughout their studies

- Research between the academic team and industry helps maintain relevance of course materials
- The School hosts events with professional bodies which give students the opportunity to network with professionals in the sector

#### **MODULES**

#### Level 4

Introduction to Maritime Studies; Introduction to Port Studies; Skills Development; Law Fundamentals; International Trade and Finance; Logistics and Freight Forwarding; Business Economics

#### Level 5

Maritime and Port Regulation; Shipbroking and Chartering; Carriage of Goods Law; Research Planning; Quantitative Methods; Environment and Sustainability; Business Organisation Awareness

#### Level 6

Maritime Finance and Economics; Project; Business Engagement; Option: Employment and Leadership; Law and Insurance; Financial Accounting; Applied Strategy and Marketing; Purchasing and Supply

#### **WORK-RELATED LEARNING**

Work-related learning is a crucial element of your studies, and the best way to experience the maritime industry is by opting to undertake a year's placement between your second and third years. We will match your needs to a suitable employer and you will then have the opportunity to put into practice all the skills and knowledge gained during the first two years of your course. As well as giving you a chance to develop personal skills and earn a salary for a year, employability prospects. If a year's placement is not for you, we may be able to help with shorter placements, e.g. across the summer.

#### CAREER PROSPECTS

The skills provided by this degree have also allowed recent graduates to move into management, administration and information technology positions. Examples of recent employers include Bibby Line, P&O Irish ferries, Mersey Docks and Harbour Company, and Liverpool and London P&I.

# MARINE AND MECHANICAL ENGINEERING

# BEng (Hons) MEng (Hons)

If you enjoy solving problems and relish the idea of working as part of a professional team of naval architects, electrical engineers and marine scientists to provide mechanical solutions, this could be the course for you.

#### **COURSE OVERVIEW**

- I Available as BEng and MEng qualification
- First and second year students taking part in two-weeklong design projects supplied by industrial partners
- Excellent paid placement opportunities including an internal placement with the Formula Student Team
- I Accredited by The Institution of Mechanical Engineers

#### **MODULES**

#### Level 4

Engineering Mathematics 1a; Engineering Mathematics 1b; Applied Mechanics 1; Thermodynamics and Fluid Mechanics 1; Materials; Engineering Practice 1; Electrical and Electronic Engineering

#### Level 5

Engineering Mathematics 2; Materials and Processes; Applied Mechanics; Thermodynamics and Fluid Mechanics; Mechanical Engineering Design 2; Engineering Practice 2; Mechatronics

#### Level 6

Engineering Project; Engineering Analysis; Industrial Management; Marine Design and Propulsion; Option (Choose two): Fluid Dynamics and Heat Transfer; Thermodynamics; Materials Engineering; Structural Integrity; Manufacturing Processes and Industrial Automation; Dynamics and Control

#### Level 7 (MEng only)

Maritime and Offshore Safety Analysis; Group Project; Operations Research; Option (Choose two): Marine Design Engineering; Finite Element Analysis; Offshore Engineering; Computational Fluid Dynamics; Advanced Materials and Manufacturing Processes

#### WORK-RELATED LEARNING

This course offers an invaluable opportunity to undertake an industrial placement after your second year. This experience cannot be underestimated as it will give you a chance to put into practice what you have learnt in the first two years, enhance your skills and provide a taste of what it's really like to work in industry. It will also give you a head start when you come to negotiate your way around the competitive job market.

#### CAREER PROSPECTS

Specific employment sectors include marine surveying with companies including: Lloyds of London; ship and port operations; offshore structures; petro-chemicals; offshore renewable energy and power generation.

Recent graduate roles include: sea-going chief engineer; marine superintendent; power plant manager; marine surveyor; and petrochemical plant manager.

#### **ACCREDITATION**



# **MARKETING**

# **BA** (Hons)

Gain the practical and theoretical skills to tackle the challenges of today's marketing environment. Learn the importance of understanding your consumer and how to communicate to them on traditional and digital marketing platforms.

#### **COURSE OVERVIEW**

- 90% of our students said they were satisfied with their course (National Student Survey, 2019)
- Approved and accredited by the Chartered Institute of Marketing (CIM)
- CIM Graduate Gateway award with Direct entry onto CIM's Professional Diploma in Marketing (two module exemptions)
- Take the IDM Award in Direct and Digital Marketing for free
- I Option to take a year out to work in industry
- Opportunities to study abroad

#### **MODULES**

#### Level 4

Professional Skills Development 1; Professional Skills Development 2; Foundations of Marketing (1); Management in Practice; Consumer Behaviour; Foundations of Marketing (2); Business and Society

#### Level 5

Contemporary Marketing Context; Strategy for Marketers; Communicating the Brand; Practical Digital Marketing Skills; Research Methods; Enterprise & Professional Practice

#### Level 6

Consumer Psychology; Digital Marketing; Global Marketing; Advertising & Integrated Marketing Communications; Options typically offered: Marketing Dissertation; Marketing Project; Marketing Consultancy Active Learning Project

#### WORK-RELATED LEARNING

In level 5, you can decide whether to undertake a paid 48-week work placement in the UK or overseas between level 5 and 6.

Placements give you experience of what it's like to work in the marketing sector as well as giving you a chance to put your learning into practice, develop personal skills and enhance employability.

#### CAREER PROSPECTS

Liverpool Business School's Employability Support Unit will help you find suitable vacancies and support you during the application process and whilst on placement.

Previous marketing students have completed placements with organisations as diverse as Jaguar, Joules and Enterprise Rent a car.

This BA (Hons) degree is the ideal starting point for a career in brand management, advertising, digital marketing and market research.

Previous graduates have gained employment as advertising executives, promotions coordinators, brand managers, customer relations advisors and research analysts.

#### ACCREDITATION



# **MATHEMATICS**

# BSc (Hons)

This BSc (Hons) course will give you a solid grounding in how mathematics and statistics, supported by IT solutions, are applied to a wide variety of problems encountered in industry, business and research organisations.

#### **COURSE OVERVIEW**

- Opportunity to undertake a year's paid industrial placement
- I Strong links with over 450 local and national organisations
- Very high academic and professional standing, with official commendation for excellent teaching and research standards
- £6million investment in state-of-the-art teaching facilities
- Opens up career opportunities in marketing analysis, accountancy, accounts management and brokerage

#### **MODULES**

#### Level 4

Mathematical Methods; Linear Algebra; Modelling; Data Exploration and Analysis; Introduction to Computer Programming

#### Level 5

Further Mathematical Methods; Numerical Methods; Statistical Modelling; Probability and Risk; Personal and Professional Development; Mathematical Skills Development

#### Level 6

Project Operational Research; Statistics in the Workplace; Multivariate Analysis; Data Mining; Advanced Calculus; Rigid 3D Motion; Business Systems (Analysis and Evolution); Engineering Analysis

#### WORK-RELATED LEARNING

A 12-month paid work placement in your third year gives you the ideal opportunity to get a taste of what it's really like to work in industry. Thanks to our extensive industrial links, we are able to place you with high-profile companies like Corus, Lloyds TSB and Unilever, where you will be able to put into practice skills learnt during your first two years and also gain new skills. This experience will significantly enhance your CV and give you that competitive edge over other candidates when you first enter the graduate job market.

#### CAREER PROSPECTS

Recent graduates have gone on to forge successful careers as Marketing Analysts, Trainee Management Accountants, Accounts Managers, Insurance Broker Consultants and other fields related to mathematics and statistics.

# MATHEMATICS WITH FINANCE

### **BSc (Hons)**

This course will give you a solid grounding in how mathematics and statistics, supported by IT solutions, are applied to a wide variety of problems encountered in the financial sector, industry, business and research organisations.

#### **COURSE OVERVIEW**

- Opportunity to undertake a year's paid industrial placement
- Strong links with over 450 local and national organisations
- Very high academic and professional standing, with official commendation for excellent teaching and research standards
- £6million investment in state-of-the-art teaching facilities

#### **MODULES**

#### Level 4

Mathematical Methods; Linear Algebra; Modelling; Data Exploration and Analysis, Business Mathematics and Statistics

#### Level 5

Further Mathematical Methods; Statistical Modelling; Probability and Risk; Personal and Professional Development; Independent Skills Development; Financial Management

#### Level 6

Project; Operational Research; Corporate Finance; Statistics in the Workplace; Advanced Calculus; Multivariate Analysis and Data Mining; Personal Finance; International Finance: Business Systems Analysis

#### WORK-RELATED LEARNING

A 12-month paid work placement in your third year gives you the ideal opportunity to get a taste of what it's really like to work in industry. Thanks to our extensive industrial links, we are able to place you with high-profile companies like Intel, Morgan Stanley and Saab where you will be able to put into practice skills learnt during your first two years and also gain new skills. This experience will significantly enhance your CV and give you that competitive edge over other candidates when you first enter the graduate job market.

#### CAREER PROSPECTS

Graduates will be able to forge successful careers within commercial and investment banks, financial services, finance companies, building societies and other fields related to mathematics and statistics.

# **MECHANICAL ENGINEERING**

# BEng (Hons) MEng (Hons)

In a rapidly changing world, mechanical engineers are in demand more than ever before to design and build the new generation of engines, power plants, structures and vehicles that keep the world running.

#### **COURSE OVERVIEW**

- Available as BEng and MEng qualification
- Our students run a thriving Autosport Society which competes in the Formula Student competition
- Professionally-accredited, designled engineering curriculum
- Teaching is supported by well-equipped laboratories and workshops
- I Industrial visits provide insights into careers in professional engineering; plus you have the option of completing an industrial placement

#### **MODULES**

#### Level 4

Engineering Mathematics 1a; Engineering Mathematics 1b; Applied Mechanics 1; Thermodynamics and Fluid Mechanics 1; Materials; Engineering Practice 1; Electrical and Electronic Engineering

#### Level 5

Engineering Mathematics 2; Materials and Processes; Applied Mechanics; Thermodynamics and Fluid Mechanics; Mechanical Engineering Design 2; Engineering Practice 2; Mechatronics

#### Level 6

Engineering Project; Engineering Analysis; Mechanical Engineering Design 3; Industrial Management; Option (Choose two): Fluid Dynamics and Heat Transfer;

Thermodynamics; Materials Engineering; Structural Integrity; Manufacturing Processes and Industrial Automation; Dynamics and Control; Vehicle Dynamics

#### Level 7 (MEng only)

Group Project; Operations Research; Option: Finite Element Analysis; Conventional and Alternative Energy Systems; Offshore Engineering; Computational Fluid Dynamics; Advanced Materials and Manufacturing Processes; Structural Dynamics

#### WORK-RELATED LEARNING

This course offers an invaluable opportunity to undertake an industrial placement after your second year. This experience cannot be underestimated as it will give you a chance to put into practice what you have learnt in the first two years, enhance your skills and provide a taste of what it's really like to work in industry. It will also give you a head start when you come to negotiate your way around the competitive job market.

#### **CAREER PROSPECTS**

Mechanical engineers are employed in almost every sector of economic activity. Specific employment sectors include aerospace, automotive, power generation engineering, utilities and pharmaceuticals manufacturing.

# MECHANICAL ENGINEERING WITH MANAGEMENT

# BEng (Hons) MEng (Hons)

Our Mechanical Engineering with Management Programme has been designed to meet the growing demand for graduates with both engineering knowledge and management skills.

#### **COURSE OVERVIEW**

- Available as BEng and MEng qualification
- Opportunity to undertake a year's paid industrial placement
- Design-led engineering curriculum featuring design projects from industrial partners
- Our thriving Autosport Society competes successfully in the Formula Student competition
- Excellent career prospects

#### **MODULES**

#### Level 4

Engineering Mathematics 1a; Engineering Mathematics 1b; Applied Mechanics 1; Thermodynamics and Fluid Mechanics 1; Materials; Engineering Practice 1; Electrical and Electronic Engineering

#### Level 5

Engineering Mathematics 2 Materials and Processes; Applied Mechanics; Thermodynamics and Fluid Mechanics; Mechanical Engineering Design 2; Engineering Practice 2; Mechatronics

#### Level 6

Engineering Project; Mechanical Engineering Design 3; Industrial Management; Strategic Management; Option: Engineering Analysis; Fluid Dynamics and Heat Transfer; Thermodynamics; Materials Engineering; Structural Integrity; Manufacturing Processes and Industrial Automation; Dynamics and Control

#### Level 7 (MEng only)

Group Project; Risk and Reliability; Operations Research: Option (choose two): Finite Element Analysis; Conventional and Alternative Energy Systems; Computational Fluid Dynamics; Advanced Materials and Manufacturing Processes; Structural Dynamics; Additive Manufacturing Processes

#### WORK-RELATED LEARNING

This course offers an invaluable opportunity to undertake an industrial placement after Level 5 (your second year).

#### **CAREER PROSPECTS**

Mechanical engineers make up one of the largest branches of engineering professionals and are employed in almost every sector of the economy. Completing this programme will open up exciting career opportunities in the following industries: aerospace; automotive power generation engineering; utilities; and pharmaceuticals.

# MECHATRONICS AND AUTONOMOUS SYSTEMS

# BEng (Hons) MEng (Hons)

Mechatronic and autonomous systems build and run the world we live in. From the robots that built your car to fast food restaurant interactive kiosks, intelligent machines are the future.

#### **COURSE OVERVIEW**

- Interdisciplinary course fusing mechanical, electronic and control engineering
- Well-equipped electronics and computing laboratories
- State-of-the-art software and excellent technical support

#### **MODULES**

#### Level 4

Engineering Mathematics 1a; Engineering Mathematics 1b; Applied Mechanics 1; Microprocessors and Software; Electrical Circuit Principles; Digital and Analogue Electronics; Electrical Engineering Practice 1

#### Level 5

Mechatronics, Applied Mechanics 2; Linear Electronics; Control System Design and Analysis; Electrical Engineering Practice 2; Applied Instrumentation; Engineering Mathematics 2

#### Level 6

Automation; Dynamics and Control; Process Control; Autonomous Systems and Machine Learning; Industrial Management; Mechatronics Project

#### Level 7 (MEng only)

Group project; Control Systems; Professional Practice; Digital Control; Modelling and Simulation; Options typically offered: Artificial Intelligence: Embedded Systems

#### WORK-RELATED LEARNING

The Department of Electronics and Electrical Engineering has a very high success rate in terms of its graduates finding employment within their chosen field of study. Employers recognise that, because of the department's strong focus on practical work, our graduates are able to make a useful contribution within a very short time-frame.

#### CAREER PROSPECTS

The course can take you to anywhere in the world. All of the industry now uses industrial automation systems, whether the company is involved in manufacturing or process control.

Robotics and autonomous systems are a red-hot topic now, with the move toward self-driving automobiles, which will almost certainly be upon us in the next few years.

Even service industries are now using automated systems. Fast food restaurants use automatic serving kiosks, not only to save on wages, but because they have found to their surprise that customers actually like them.

# MEDIA, CULTURE, COMMUNICATION

### **BA** (Hons)

Media, Culture, Communication is taught by industry-experienced professionals and offers you exciting work placement opportunities in high-profile companies, such as Sky Sports, Liverpool Echo and the BBC.

#### **COURSE OVERVIEW**

- Combines the study of media institutions, cultural practice and the communications process
- Focus on theoretical and critical study as well as transferable skills development
- I Teaching from research-active staff and guest speakers
- Exciting work placement opportunities and case study projects
- Opens up a wide range of careers from advertising and arts administration to publishing and education

#### **MODULES**

#### Level 4

Studying Culture; Media Texts; Researching Cinema; Media Institutions and Audiences; Professional Writing; Introduction to Media and Cultural Industries

#### Level 5

Public Communication; Analysing Entertainment Media; Research Methods; Media and Cultural Theory; Public Relations; Popular Journalism: Research in Practice

#### Level 6

Culture and Identity; Media Policy and Regulation; Options typically offered: Dissertation; Media and Cultural Industries; Qualitative Research Project; Screen Media; Youth Cultures; Mediating Popular Culture; Consumer Culture; Digital Writing; Popular Fiction and Publishing.

#### WORK-RELATED LEARNING

Work-based learning is a vital part of this degree and gives you a taste of what it is really like to work in the media and cultural industries. You will not only get to practise skills you have learnt on the course, but you will also be able to add the experience to your CV, giving you a head start when you eventually enter the competitive job market.

In fact, many of our graduates have been offered a full-time position by their placement employer on the strength of successful work experience. Past students have worked with Sky Sports, Liverpool Echo, Juice FM, Odeon Cinema, the Everyman Theatre, National Museums and Galleries on Merseyside and the BBC.

#### **CAREER PROSPECTS**

We are proud that the paths followed by our graduates are so varied. Our former students are to be found working in occupations ranging from: advertising and marketing, museums and arts administration, publishing, industrial, educational administration, accountancy, the social services, teaching and the Civil Service.

Some graduates decide to further their studies at postgraduate level, often in vocational subjects like journalism, marketing or mass communications.

# **MEDIA PRODUCTION**

# **BA** (Hons)

Media Production students have access to industry-standard facilities available within Liverpool Screen School, plus excellent placement opportunities with leading media companies.

- I Creative Skillset Tick accredited degree course demonstrates that it provides the most up-to-date and relevant industry training and education
- Work placements with local and national media companies such as Lime Pictures/Lime Digital, BBC Merseyside and Liverpool Film Office
- I Teaching from experienced industry practitioners
- Based in the £38million Redmonds Building with industry-standard editing suites, studios and design software
- Access placements and live projects via Production Unit Liverpool Screen School (PULSS)

#### Level 4

Introduction to the Media Industry; Production Practice; Digital Media Tools; Digital Production Practice; Understanding Narrative; Themes of Contemporary Media

#### Level 5

Digital Media Cultures; Digital Media Ethics, Compliance and Copyright; Compositing and Post Production; Drama; Multiplatform Production; Applying for Placements and Jobs; Options typically offered: TV Studio Production: Interactive Multimedia Practice

#### Level 6

Production Project; Creative Media Practice; Research Practice; Dissertation; Options typically offered: Work-based Learning; Independent Study

#### WORK-RELATED LEARNING

Work-based learning is a vital element of this degree programme and gives you a taste of what it is really like to work in the media industry. You will not only get to practise skills you have learnt on the course, but you will also be able to add the experience to your CV, giving you a head start when it comes to finding your first job in this very competitive industry.

In fact, many of our graduates have been offered a full-time position by their placement employer on the strength of successful work experience.

#### CAREER PROSPECTS

Graduates have an excellent employment record, particularly in professional broadcast media.

Some students also go on to set up their own production companies making music videos, corporate and short films as well as web design and new media production. Progression onto postgraduate study is also a route for Media Production graduates.

#### **ACCREDITATION**



# **MULTIMEDIA COMPUTING**

# BSc (Hons)

The Multimedia Computing programme incorporates a number of distinct themes embedded in a solid framework of professional computing development.

#### **COURSE OVERVIEW**

- Major themes include computer systems development, web and digital media production, database design, development and management, project management and image processing and mixed reality development.
- On this course you will have direct access to experts in the field as well as stateof- the-art facilities at the University.

#### **MODULES**

#### Level 4

Learn the basics of how computers operate and how to use internet technologies to build effective web sites

#### evel 5

Students acquire database design, development and management knowledge and expertise. Develop research skills to enable innovative and effective applications of digital media techniques and approaches and in preparation for the final year project

#### Level 6

Explore advanced multimedia development techniques. Develop expertise in the latest multimedia areas or augmented and virtual realities. Undertake a large individual project in the digital media area of your choice

#### WORK-RELATED LEARNING

This experience cannot be underestimated as it will give you a chance to put into practice what you have learnt in the first two years at LJMU, enhance your skills and provide a taste of what it's really like to work in industry.

#### **CAREER PROSPECTS**

Virtually every organisation and facet of daily life is now dependent on multimedia enabled internet based computing systems. Thus the technology underpinning such systems becomes crucial to understanding how best use can be made of computing wherever it arises. Thus the BSc (Hons) Multimedia Computing programme leads to a vast range of careers in the digital media industry. The Department has practical and theoretical, industry-recognised excellence in this area and outstanding research.

# **NAUTICAL SCIENCE**

# BSc (Hons)

Moving consumer goods in containers, vehicles on car decks, or passengers on sundecks relies on the expertise and professionalism of ships' officers to bring them safely to port, and the professionalism of shore staff to manage the fleet.

#### **COURSE OVERVIEW**

- Sea going route accredited by the Merchant Navy Training Board and the Maritime and Coastguard Agency.
- Work-based modules can be completed over 12 months at sea.
- State-of-the-art teaching facilities including a full size ship's bridge simulator.
- Provides the first step towards becoming a ship's captain or entering shore-based careers in marine surveying, ship management, consultancy, research and maritime education

#### **MODULES**

#### Level 4

Skills Development; Shipboard Operations; Navigation; Meteorology; Maritime Law; Bridge Operations; Shipping Practice

#### Level 5

Sea Going Core Modules: Research Planning; Navigation; Shipboard Operations; Maritime Law; Professional Practice; Ship Technology; Shipping Practice

Non-Sea Going Core Modules Research Planning; Navigation; Shipboard Operations; Maritime Law.

Non-Sea going Option: Modules: Shipbroking and Chartering; Business Organisation Awareness; Professional Practice; Ship Technology; Quantitative Methods; Logistics and Material

#### Level 6

Navigation; Technology Project; Option: Law and Insurance; Business, Engagement; Maritime Finance and Economics; Global Logistics and Transport; Employment and Leadership; Applied Strategy and Marketing; Financial Accounting; Purchasing and Supply

#### WORK-RELATED LEARNING

This course offers an invaluable opportunity to undertake an industrial placement after Level 5 (your second year).

#### CAREER PROSPECTS

You will enjoy varied career opportunities both in the UK and overseas. On successful completion of this degree programme, in addition to professional short courses and 12 months experience at sea, you will be awarded the Department of Transport Officer of the Watch (OOW) certificate This is the minimum international qualification to work as a deck officer in charge of the navigational watch on a commercial vessel anywhere in the world.

#### **ACCREDITATION**





# NURSING (INTERNATIONAL) TOP UP DEGREE

# **BSc (Hons)**

This course is for qualified overseas nurses who want to enhance their professional knowledge and career prospects. If you have a passion to develop a higher level of expertise, enhance the quality of your evidence-based practice, and develop leadership and management potential then this is the course for you. Taught by expert paramedic, nursing and other health professionals with wide experience of working in the British National Health Service (NHS).

#### **COURSE OVERVIEW**

- I For qualified, overseas nurses
- Develop your skills, knowledge and professional attitudes in order to provide effective, evidence-based care
- Study alongside colleagues from different countries
- Top up to a Bachelor's degree from a UK globally recognised university

#### **MODULES**

Individual Study (Dissertation); Leadership Development Through Action Learning; Research in Health and Social Care; Nursing within a Global Context; Introducing Palliative Care; Professional Studies in the Care of People with Diabetes; Advancing tissue viability; Infection control for healthcare; Holistic Influences on Tissue Viability; Paediatric Clinical Examination and Minor Illness; Dementia Care; Negotiated Work related Learning and Professional Development.

#### WORK-RELATED LEARNING

Our £1.6 million practice suites show a patient's journey from the home environment through to rehabilitation. We have the latest clinical equipment for simulations and clinical skills development in child nursing, adult and mental health nursing, paramedic practice, social work and midwifery. There are also purpose-built, soundproof booths equipped with video camera and playback facilities. You will use the suites as part of your programme and gain clear insights into the journey of the patient.

#### CAREER PROSPECTS

Studying in the UK has a number of unique benefits for International students working in this profession. Expand your knowledge and understanding of international health service models and gain an international perspective of your profession. The UK National Health Service (NHS) and private healthcare sector is well known for the quality and service it offers. The unique content of this degree will give international students an insight into our health service as well as other international models. International students will study alongside UK health professionals, enhancing learning and appreciation of the wider health issues of patients and service users we all care for. Not only will your broaden your overall knowledge and understanding of professional practice by gaining an international perspective, but you will also secure a respected degree qualification, allowing you to progress further in your profession.

# **NUTRITION**

# **BSc (Hons)**

Gain knowledge of the challenges facing good nutrition for an active and fulfilling life and learn ways to combat the difficulties faced caring for and promoting health at both individual and population level.

- Accredited by the Association for Nutrition (AfN)
- Course provides a holistic outlook of nutrition, covering scientific, psycho-social, cultural, political and commercial aspects of health care, health promotion and nutrition aspects of food production
- Opens up a wide range of careers within primary care organisations and clinical nutrition settings as well as roles in education, sports and exercise and the food industry
- I Consistently receives high scores in the National Student Survey for overall satisfaction

#### Level 4

Advanced Learning Skills; Introduction to Food & Nutritional Science; Principles of Human Nutrition; Nutrition Today; Nutrition & Exercise Physiology; Society, Health & Behaviour

#### Level 5

Nutrition in the Lifecycle; Nutrition & Exercise Biochemistry; Food and Health Politics and Policy; Physiology & Nutrition for Performance; Eating Behaviours & Appetite; Methods of Enquiry

#### Level 6

Research Project; Work Related Learning; Health Epidemiology; Applied Practice in Nutrition: Clinical Nutrition

#### WORK-RELATED LEARNING

This programme is designed to build both your academic and practical skills, providing the qualifications and practical skills required by a practicing nutritionist and qualifying you not just for nutrition-related careers, but for many other graduate-level positions. There will be opportunities to work alongside practitioners, giving you a real taste of the many careers available within the nutrition sector and providing an opportunity to complete a project based on your experience. This work-related learning is a vital element of your studies as it gives you a chance to practise skills learnt on the course which will add real value to your CV.

#### **CAREER PROSPECTS**

Armed with the latest subject knowledge plus a full range of laboratory, health promotion and food skills, you will graduate with the expertise and confidence needed to be successful in your chosen career. Career opportunities include working as a fully qualified, registered nutritionist in both the public and private sectors; Health Promotion Officer; Specialist Food Technologist; Health Information Adviser; Assistant Dietetic Practitioner; Research Scientist (Life Sciences).

#### **ACCREDITATION**



# PHARMACEUTICAL SCIENCE

## **BSc (Hons)**

Completing the BSc (Hons) Pharmaceutical Science will help ensure you enjoy excellent career prospects and enhanced earning potential in a variety of sectors after you graduate.

#### **COURSE OVERVIEW**

- A degree leading to a higher than average salary
- Graduates highly sought after in the UK's fastest growing manufacturing industries
- I Option to undertake a 12-month industrial placement

- Support from a personal tutor for the duration of your course
- I Wide range of career opportunities in the pharmaceutical, chemical, biotechnological, food, healthcare, cosmetics and related industries

#### **MODULES**

#### Level 4

Physical Pharmaceutics; Organic Chemistry; Principles of Human Biology; Formulation Science; Analytical Chemistry; Biologically Active Molecules

#### Level 5

Pharmaceutical Formulation; Synthetic and Natural Drugs; Principles of Pharmacology; Sterile Pharmaceutical Products; Pharmaceutical Analysis; Integrated Approaches to Therapeutics

#### Level 6

Research Methods and Project; Industrial Drug Development; Advanced Pharmaceutical Analysis; Advanced Delivery Systems; Clinical Drug Development

#### WORK-RELATED LEARNING

Work-related learning is a vital element of your studies, as it will give you that extra competitive edge when you come to negotiate your way around the graduate job market. For this reason, we encourage you to undertake an industrial placement after your second year. Although this is not compulsory, it will boost your job prospects and give you a chance to put into practice skills and knowledge you have acquired in the first two years.

#### CAREER PROSPECTS

This degree programme is the ideal platform from which to launch your career as it is designed to meet the high demand for highly skilled and technology literate people to help these industries continue to be innovative and compete on a global scale. As a Pharmaceutical Science graduate, you can expect a career in the pharmaceutical, chemical, biotechnological, food, healthcare, cosmetics and related industries, in fields such as information science, formulation, quality assurance, quality control, regulatory affairs, clinical trials, product registration, research and development, production control, production management and marketing.

# **PHARMACY**

# MPharm

By studying the professionally-accredited undergraduate Masters degree in Pharmacy you will enjoy innovative and high quality pharmacy teaching, plus opportunities to complete placements in community and hospital settings, inter-professional learning, patient/public engagement and practice simulations with other healthcare students.

- Accredited by the General Pharmaceutical Council
- I Taught by one of the oldest and well-established schools of pharmacy in the world

- Excellent links and work placement opportunities with leading local hospitals
- I Strong focus on the application of science to clinical practice
- I Work placements, student-patient engagement and inter-professional learning from Year 1
- Strong support for students' personal and professional development to help achieve their full potential

#### Level 4

Integrated Foundations of Pharmacy

#### Level 5

Medicines, Patients and the Pharmacist

#### Level 6

Complexities of Healthcare

#### Level 7

Advancing Patient-centred Care

# WORK-RELATED LEARNING

Applying scientific principles to practical clinical situations is the key focus of this programme, and there is no better way to practise this than by undertaking a professional placement. Thanks to our links with many local hospitals and community pharmacies, you will be able to gain direct experience of the day-to-day work of a pharmacist and build up your skills in preparation for your pre-registration training.

Employers tell us that our graduates are able to apply excellent clinical skills as soon as they begin work, and this is largely down to practical experience gained on the course.

#### CAREER PROSPECTS

When you graduate, you will need to undertake a year's pre-registration and training (usually salaried) to qualify for registration with the General Pharmaceutical Council (GPhC). Once you have demonstrated your practical competence, taken professional examinations and provided the GPhC with a statement of fitness to practice, you will be eligible to work in any branch of pharmacy.

A career in pharmacy has excellent prospects and salaries are very competitive. Most pharmacists work in hospitals, health centres and community pharmacies. There are also opportunities in the drugs development industry or in university-based research. The School has an excellent track record of students securing a pre-registration training year post graduation.

#### **ACCREDITATION**

General Pharmaceutical Council

# PHYSICAL EDUCATION

# BA (Hons)

On our PE degree, you'll learn about a wide range of topics, including teaching methods, physical training concepts, psychological theories related to sport and exercise, social issues in physical education such as gender, race and media, and historical and philosophical aspects related to PE.

#### COURSE OVERVIEW

- Developed by expert academics with an international national reputation for the delivery of physical education
- I Combines practical and theoretical aspects of physical education
- Work Experience opportunities at each level of study with the local community
- Excellent career opportunities

#### MODULES.

#### Level 4

Personal and Professional Development; Applied Pedagogy; Introduction to Skill Acquisition; Psychology; The Development of Physical Education; Sociology; Physiology

#### Level 5

Personal and Professional Development; Applied Pedagogy; Acquisition of Skill; Research Design; Options typically offered: Psychology, Physical Education Teacher Education; Contemporary Issues: Exercise and Nutrition for PE

#### Level 6

Make it Happen, Applied Pedagogy, Research Project; Options typically offered: Psychology; Physical Education Teacher Education; Contemporary Issues: Exercise and Nutrition for PE

#### WORK-RELATED LEARNING

This degree has a strong element of work-related learning and there will be extensive opportunities to work with young people in a variety of settings (e.g. schools, clubs, leisure centres). Voluntary work experience forms a vital element of the programme and you will be encouraged to apply theoretical concepts in practice. You will also be able to participate in our in-house Sport Start scheme, which brings 12,000 children to the campus for sport and physical activity lessons every year. Students also have an opportunity to study abroad for a year between Level 5 & 6.

#### CAREER PROSPECTS

You will also have the opportunity to work with a range of practitioners in a variety of settings. Such experience enables you to put theory into practice and adds real value to your CV so impressing future employers.

Graduates from this programme will be able to pursue careers in teaching (following the completion of relevant Initial Teacher Training programmes, such as PGDE or School Direct primary and secondary courses). Alternative career routes for graduates include coaching, sport development or youth and community work. Public service occupations (including police, education and children's services), business sector graduate training schemes and educational management are also popular careers amongst graduates.

# PHYSICS WITH ASTRONOMY

# **BSc (Hons)**

If you are excited by the thought of studying one of the most challenging and fundamental of sciences in one of the best physics departments in the UK, the BSc (Hons) Physics with Astronomy provides an excellent grounding for a career as a research physicist or astronomer.

#### COURSE OVERVIEW

- I Taught by world-leading academics from both LJMU and the University of Liverpool
- I Second-year field trip to a Tenerife observatory
- Eligibility to join the Institute of Physics to obtain Chartered Physicist status on graduation
- Friendly department with an 'open door' policy and active physics society
- Eligibility for generous University of Liverpool attainment scholarships and University of Liverpool bursaries on application

#### **MODULES**

#### Level 4

Newtonian Dynamics; Material Universe; Computer Skills; Mathematics; Practical Physics; Wave Phenomena; Modern Physics; Introduction to Astronomy

#### Level 5

Electromagnetism; Condensed Matter; Computing Skills; Mathematics; Practical Astrophysics; Quantum and Atomic Physics; Nuclear and Particle Physics

#### Level 6

Stellar Astrophysics; Galaxies Quantum Mechanics; Nuclear Physics; Advanced Observational Astrophysics; Relativity and Cosmology; Research Project; Particle Physics; Accelerators and Radioisotopes in Medicine; Condensed Matter Physics; Advanced Electromagnetism; Surface Physics; Physics of Life; Materials Physics; Physics of Energy Sources; Semiconductor Applications; Practical Astronomy

#### WORK-RELATED LEARNING

In addition to the specialist skills and knowledge you will gain on this degree course, you will acquire a range of transferable skills in problem solving, numeracy, analysis, practical experimentation, computing, teamwork and communication. A Physics degree is the gateway to a whole range of careers including fundamental research, industrial research and development, teaching and the worlds of computing, business and finance.

Physicists are trained to solve a wide range of problems and are equipped with skills of numeracy, analysis, practical experimentation, computing and teamwork. This allows them to explore careers in many areas including pure research, telecommunications, microelectronics, renewable energy, nuclear power and instrumentation, cryogenics, astronomy, geophysics, medical physics, materials science, information technology, commerce and management.

#### CAREER PROSPECTS

This degree opens the gateway to careers in research, development and teaching as well as in computing, business and finance.

LJMU graduates have gone on to secure employment in: telecommunications, microelectronics, renewable energy, nuclear power, cryogenics and astronomy.

# **POLICING STUDIES**

### BA (Hons)

The professionally approved BA (Hons) Policing Studies provides opportunities for you to gain relevant policing experience as part of your degree.

#### **COURSE OVERVIEW**

- Innovative and thought-provoking modules both reflect and challenge current policing practices and debates
- I You will be taught in the Liverpool Centre for Advanced Policing Studies by lecturers with academic and professional backgrounds in policing
- Regular career workshops and symposiums delivered by police officers and police career specialists to prepare you for a career in policing, security, risk management or criminal justice

#### **MODULES**

#### Level 4

Exploring Policing Studies – Skills for Success; Introduction to Criminology for Policing; Introduction to Policing; Practice, Procedure and the Criminal Law 1; Responding to Incidents; Technology and Policing

#### Level 5

Policing Communities; Professional Skills for Policing; Practice, Procedure and the Criminal Law 2; Investigation Skills; Community Engagement Project; Policy, Practice and the Evidence base; The Psychology of Investigation

#### Level 6

Research Project; Advanced Social Research Skills; Contemporary Issues; Options typically offered: International Fieldwork for Policing; Policing, Security and Risk; Geographic Information Science and Geo-computation for Public Safety; Terrorism and Counter Terrorism; Investigative Skills 2; Application of Intelligence to Policing; Multi-Agency and Partnership Working in the Statutory and Voluntary Sector

#### WORK-RELATED LEARNING

Work-related learning is incorporated into every level of this programme so that once you graduate you will be equipped with a range of transferable skills and knowledge in analysis and interpretation, presentation, teamwork, initiative and research.

#### CAREER PROSPECTS

The degree opens up a variety of career or further study options, such as a postgraduate degree in Policing, Criminal Justice or Law. You could choose a career that is not directly concerned with policing, such as the armed services, prison service, social work or criminal justice-related roles.

# POLICING STUDIES AND CYBERCRIME

### **BSc (Hons)**

This exciting degree examines how criminals have used opportunities presented by the growth of the internet to commit new crimes against individuals, organisations and governments.

#### **COURSE OVERVIEW**

- Innovative and thought-provoking modules that reflect and challenge current policing practices and debates
- I You will be taught by lecturers with academic and professional backgrounds in policing and computing
- Be part of the Liverpool Centre for Advanced Policing Studies, the UK's first research centre devoted to supporting the needs of 21st century policing
- Participate in regular career workshops, talks and symposiums delivered by police officers, police career and computing forensic specialists

#### **MODULES**

#### Level 4

Practice, Procedure and the Criminal Law; Introduction to Programming; Introduction to Policing; Exploring Policing Studies – Skills for Success; Introduction to Computer Forensics and Security; Problem-solving for Computer Security

#### Level 5

Professional Skills for Policing; Practice, Procedure and the Criminal Law; The Psychology of Investigation; Computer Operating Systems; Secure Software Development; Computer Information Assurance; Policing Communities

#### Level 6

Computing Project; Advanced Social Research Skills; Network Forensics; Options typically offered: Contemporary Issues in Policing; International Fieldwork for Policing; Policing, Security and Risk; Terrorism and Counter-terrorism; Investigative Skills; Application of Intelligence to Policing; Multi Agency and Partnership Working in the Statutory and Voluntary Sector

#### WORK-RELATED LEARNING

This degree incorporates specific and specialist workrelated topics into every level of learning, as well as equipping you with a versatile range of transferable skills and knowledge in analysis and interpretation, presentation, teamwork, initiative and research.

#### CAREER PROSPECTS

Upon graduation, you will have the knowledge, skills and qualification that makes you an attractive candidate for a career in the police service or for careers in many areas particularly connected to investigation, security or criminal justice. Alternatively you may consider pursuing an academic career through postgraduate study.

# POLICING STUDIES AND FORENSIC PSYCHOLOGY

### **BSc (Hons)**

By completing the degree in Policing Studies and Forensic Psychology, you will gain an understanding of the British legal system, examine how the criminal justice system intersects with psychology, and develop a deep knowledge of the principles and best practice driving 21st century policing.

- Accredited by the British Psychological Society (BPS)
- I Highly focused professional policing degree
- You will be taught by lecturers with academic and professional backgrounds in policing and a variety of areas of psychology
- Highly focused professional policing degree You will be taught by lecturers with academic and professional backgrounds in policing and a variety of areas of psychology
- Be part of the Liverpool Centre for Advanced Policing Studies, one of the UK's leading research centres devoted to supporting the needs of 21st century policing
- Participate in regular career workshops, symposiums and professional talks delivered by police officers, psychologists and police career specialists.

#### Level 4

Introduction to Policing; Practice, Procedure and the Criminal Law; Policing Studies – Skills for Success; Research Methods and Statistics in Psychology 1: Relationships and Associations; Introduction to Developmental Psychology and Individual Differences; Research Methods and Statistics in Psychology 2: Testing for Differences; Introduction to Biological and Cognitive Psychology

#### Level 5

Professional Skills for Policing; Practice, Procedure and Criminal Law 2; The Psychology of Investigation; Research Methods and Statistics in Psychology 4: Advanced Quantitative Research Methods; Cognitive and Biological Psychology; Developmental and Social Psychology

#### Level 6

Advanced Social Research Skills; Psychology Dissertation; Forensic Psychology; Options typically offered: Contemporary Issues in Professional Practice; International Fieldwork for Policing; Policing, Security and Risk; Terrorism and Counter-terrorism; Investigative Skills; Application of Intelligence to Policing; Multi Agency and Partnership Working in the Statutory and Voluntary Sector; Psychopharmacology and Addictive Behaviour; Face Perception: Processes and Disorders; Social Cognition; Work Psychology

#### WORK-RELATED LEARNING

Work-related learning is incorporated into every level of this programme so that once you graduate you will be equipped with a range of transferable skills and knowledge in analysis and interpretation, presentation, teamwork, initiative and research.

#### CAREER PROSPECTS

Upon graduation, you will have the knowledge, skills and qualification that makes you an attractive candidate for a career in the police service or for careers in many areas particularly connected to investigation, security or criminal justice. Alternatively you may consider pursuing an academic career through postgraduate study.

# POLICING STUDIES AND FORENSICS

### BSc (Hons)

This new degree introduces you to key aspects of forensic investigation and places study in the context of 21st century policing. The knowledge and understanding of procedural crime scene management and policing will provide you with training in effective investigation and how to assess the value of evidence.

#### **COURSE OVERVIEW**

- Innovative and thought-provoking modules both reflect and challenge current policing practices and debates
- You will be taught by lecturers with academic and professional backgrounds in policing and the use of forensic science
- Be part of the Liverpool Centre for Advanced Policing Studies, the UK's leading research centre devoted to supporting the needs of 21st century policing

#### **MODULES**

#### Level 4

Exploring Policing Studies – Skills for Success; Introduction to Policing; Crime Scene Investigation; Practice, Procedure and the Criminal Law 1; Technology and Policing; Introduction to Criminology for Policing

#### Level 5

Professional Skills for Policing; Practice, Procedure and the Criminal Law 2; Investigation Skills; Forensic Methods; Policing Communities; Policy, Practice and the Evidence-base; The Psychology of Investigation

#### Level 6

Research Project; Advanced Forensic Methods; Advanced Social Research Skills; Options typically offered: Contemporary Issues in Professional Practice; International Fieldwork for Policing; Policing, Security and Risk; Terrorism and Counter Terrorism; Investigative Skills; Application of Intelligence to Policing; Multi-Agency and Partnership Working in the Statutory and Voluntary Sector

#### **WORK-RELATED LEARNING**

Work-related learning is incorporated into every level of this programme so that once you graduate you will be equipped with a range of transferable skills and knowledge in analysis and interpretation, presentation, teamwork, initiative and research.

#### **CAREER PROSPECTS**

Upon graduation, you will have the knowledge, skills and qualification that makes you an attractive candidate for a career in the police service or for careers in many areas particularly connected to investigation, security or criminal justice. Alternatively, you may consider pursuing an academic career through postgraduate study.

# PRODUCT DESIGN ENGINEERING

### BSc (Hons)

Innovation and creativity in almost all stages of design and production are critical to the success of many products and multimedia technology plays an increasingly important role in enabling companies to compete globally. This professionally-accredited course combines skills development in traditional hand-generated design work, with the latest computer-aided design techniques.

#### **COURSE OVERVIEW**

- Design-led curriculum and opportunities to exhibit at the University's annual Product Innovation Show
- Teaching delivered in well-equipped laboratories with state-of-the-art software plus excellent technical support
- All students receive a personal copy of SolidWorks 3D CAD software and access to all Autodesk products
- I Thriving student industrial design society
- Option of completing a year-long industrial placement or International module

#### **MODULES**

#### Level 4

Computer Aided 3D Solid Modelling; Freehand and Digital Sketching; Engineering Drawing; Mathematics and Scientific Principles for Designers; New Product Development Process; Application of Electronics and Software in Product Design; Model Making and Engineering Workshop Practice

#### Level 5

Advanced Computer Aided 3D Surface and Solid Modelling; Posters and Process Book Presentation; Static and Dynamic Analysis of Product Components; Design for Manufacture and Assembly; Mechatronic Design; Digital Marketing and Business Model Development

#### Level 6

Design Project Management; Product Design Research methods; User Centred Design; Embodiment Design Process; Sustainability and Ethics in Design

#### WORK-RELATED LEARNING

Local companies contribute to the design and development of this course and in fact, many of them offer work placements to our students. These placements offer an invaluable opportunity to join a commercial company for a year and put all you have learnt in the first two years into practice.

#### CAREER PROSPECTS

Design is a growing sector, offering opportunities in many different industries. Increasingly complex product design and manufacturing processes mean designers will continue to enjoy good employment prospects. Many design professionals go freelance or decide to start their own business. Such as graduates Troy Baker (Managing Director) and Graham Wilson (Technical Director), founders of Design Reality, a design consultancy based in St Asaph, who also deliver guest lectures on the course.

#### **ACCREDITATION**



# PROFESSIONAL POLICING

## (BA (Hons)

Liverpool Centre for Advanced Policing, is a pioneering research centre for interdisciplinary law enforcement, and is licensed by the College of Policing to deliver degree programmes included in the Police Education Qualification Framework.

#### **COURSE OVERVIEW**

- The College of Policing, the professional Statutory and Regulatory Body (PSRB) for policing, has licensed LJMU to offer the Degree in Professional Policing
- From 2020 there will be three entry routes into policing – this degree in Professional Policing is the requisite qualification for one of those routes
- The programme covers a wide-ranging areas of law, social science, policy and research skills essential to a policing career
- I You will be taught in the Liverpool Centre for Advanced Policing Studies by lecturers with academic and professional backgrounds in policing

#### **MODULES**

- I Introduction to Policing
- I Criminal Law, Practice and Procedure
- Conducting Investigations
- Policing Communities
- Response Policing

#### WORK RELATED LEARNING

This degree incorporates specific and specialist workrelated topics into every level of learning, as well as equipping you with a versatile range of transferable skills and knowledge in analysis and interpretation, presentation, teamwork, initiative and research.

#### **CAREER PROSPECTS**

On completion of this three-year degree programme, those who are eligible to work within the UK will be eligible to apply within five years to police constabularies for appointment as police constables. Achieving this degree is a requirement but does not guarantee appointment to a police force. Recruitment and appointment is subject to the relevant regulations and requirements of police recruitment and selection processes. This includes medical and fitness testing along with background and security checks. Recruitment and selection processes are rigorous and may vary between forces.

Candidates applying to join a police constabulary must also undertake a series of assessments including National Recruitment processes and Force vetting. Guidance on recruitment can be found on the College of Policing website at: https://recruit.college.police.uk/Pages/home.aspx

# **PSYCHOLOGY**

### **BSc (Hons)**

The professionally accredited BSc (Hons)
Psychology is informed by internationally important research and taught by experts in the field.

#### **COURSE OVERVIEW**

- Accredited by the British Psychological Society (BPS)
- Opportunity to undertake a 10-hour (minimum) work placement in your second year
- Excellent spring board into careers as diverse as teaching; the police; media; management; counselling; clinical, educational, occupational and health psychology
- State-of-the-art facilities including a driving simulator and human performance lab
- Fascinating range of topics ranging from psychosocial problems and drug use to understanding the criminal mind and the functions of the brain

#### **MODULES**

#### Level 4

Research Methods and Statistics in Psychology 1: Relationships and Associations; Studying Psychology; Introduction to Developmental Psychology and Individual Differences; Psychological Themes; Research Methods and Statistics in Psychology 2: Testing for Differences; Introduction to Biological and Cognitive Psychology; Concepts in Mental Health and Wellbeing

#### Level 5

Research Methods and Statistics in Psychology 3: Qualitative Research Methods; Cognitive and Biological Psychology; Developmental and Social Psychology; Careers and Employability; Contemporary Issues in Psychology; Research Methods and Statistics in Psychology 4: Advanced Quantitative Research Methods; Mental Health Disorders

#### Level 6

Dissertation Options typically offered: Psychology in Education; Health Psychology; Positive Psychology; Cognitive Neuroscience; Forensic Psychology; Pleasure and Pain: Sensation, Emotion and Behaviour; Psychopharmacology and Addictive Behaviour; Face Perception: Processes and Disorders; Work Psychology; Social Cognition; Sleep: The Psychology of Sexual Violence

#### WORK-RELATED LEARNING

The discipline of psychology can lead to a wide variety of careers and employers increasingly recognise its value. This programme is carefully designed to help you develop not only your knowledge, skills and competencies in your subject area, but also your personal skills. You will have the opportunity to put your practical skills and knowledge into practice in your second year when you are offered the opportunity to complete a work placement and present a report on it.

#### **CAREER PROSPECTS**

The course is an excellent springboard into many areas of psychology, from health and the caring professions to education, forensics and clinical and occupational practice. Psychologists can pursue careers as diverse as the police, media, business, human resources, management, counselling and clinical, educational, occupational and health psychology. Teaching in schools and universities or postgraduate study is also popular. As an LJMU graduate, you have a strong advantage when it comes to applying for research posts because of the thorough training in methodology provided by the course.

#### **ACCREDITATION**



# **PUBLIC HEALTH**

# BSc (Hons)

This degree is ideal for those who want to make a positive impact in dealing with issues that affect individuals, communities and society.

- Opportunities for work related learning in organisations involved in public health and links with stakeholders in local health and community organisations
- Wide variety of career destinations for public health graduates
- Opportunities for study abroad, for example with our partners at Southern Connecticut State University
- Adopts a multi-disciplinary approach to understanding population based health and ways of working to protect and promote health

#### Level 4

Key Study Skills; Human Biology and Environmental Science; Understanding Populations; Introduction to Public Health Law and Policy; Public Health Concepts; Practical Skills for Public and Environmental Health

#### Level 5

Work Based Learning – Developing Public Health Skills; Health Protection; Research Methods for Public Health; Media and Public Health; Health Risk Behaviours, Determinants and Impacts; Epidemiology, Surveillance and Public Health Intelligence

#### Level 6

Dissertation; Globalization and Health; Career and Professional Development; Health Promotion; Health Inequalities; Making Public Health Happen

#### WORK-RELATED LEARNING

At Level 5, you have the chance to experience what it's really like to work in public health by undertaking a project within a local authority, private or voluntary sector organisation. This will help you to develop your professional skills as well as your knowledge base, and will add real value to your CV.

#### CAREER PROSPECTS

By the time you graduate, you will have developed a range of essential professional skills and an extensive public health knowledge base, putting you ahead of the game when it comes to securing a job. You can expect to be able to forge a successful career in public health or a number of related fields including public health intelligence, community drugs education, health promotion, smoking cessation, nutrition advisor and housing support. Your career may focus upon a particular area of public health or may be much broader in its nature. There are a wide range of options available to you after graduation and we would expect graduates to find roles in local authorities; national government agencies; and within the voluntary sector. After graduation, you may decide to continue with vour studies and LJMU also offers a number of MSc programmes in public health (MSc Public Health: MSc International Public Health, MSc Public Health (Addictions). Alternatively, a career in Social Work could be open to you if you have the relevant experience.

# **QUANTITY SURVEYING**

# BSc (Hons)

This course focuses on the factors that affect the procurement and construction of a building or structure over its complete life cycle, with particular emphasis on the economic, legal, financial and managerial considerations of the construction process.

#### **COURSE OVERVIEW**

- I Fully accredited by the Royal Institution of Chartered Surveyors (RICS) and the Chartered Association of Building Engineers (CABE)
- Opportunity to undertake a year's industrial placement or study abroad
- Opportunity to participate in an exciting international experience abroad
- £6 million investment in developing state- of-the-art teaching facilities
- I Stepping stone to a varied career with UK and overseas employment opportunities

#### **MODULES**

#### Level 4

During level 4, students gain an introduction to quantity surveying in practice, law and measurement. They will study key themes around construction technology, law and management

#### Level 5

During level 5, students learn about managing construction projects, procurement and construction technology and a more focused legal perspective of building contracts and advanced measurement and administration. Students progress their practical quantity surveying skills through learning about Building Information Technologies (BIM) technologies

#### Level 6

During level 6, students study procurement strategies and management and entrepreneurships strategies. You will also be exposed to financial management during the project lifecycle and engineering measurement. Students will again be involved in collaborative interdisciplinary activities during a level 6 project, as well as completing a final year research project

Finally, you may have the opportunity to participate in an exciting international field visit during their final year of study.

#### WORK-RELATED LEARNING

The best way to experience working in the quantity surveying industry is to undertake a year's professional work placement. This will greatly improve your career prospects and could even lead to a permanent position with your placement employer.

The placement is fully paid and is an invaluable opportunity to learn new skills and gain hands-on experience that will add real value to your CV and impress future employers. The direct work experience could also count towards a professional qualification. It can even count towards the professional MRICS qualification. We strongly recommend that you take up this opportunity as it will give you a taste of what it's like to work in the real world of design and it will give you a professional edge when you come to negotiate your way through the graduate job market.

#### CAREER PROSPECTS

Many students secure their first professional position working for clients, contractors or professional practices either before or after graduation. You can work in the Public or the Private sector and will be equipped with skills to work in the building or civil engineering fields.

You can also enjoy varied career opportunities overseas in addition to the UK.

#### **ACCREDITATION**



# **REAL ESTATE**

### **BSc (Hons)**

Recognising the multidisciplinary nature of the property profession and its role in business, this BSc Real Estate programme seeks to develop a mix of property and business skills so that you will be well equipped to make sound business decisions based on an in-depth understanding of the commercial property market.

#### **COURSE OVERVIEW**

- Fully accredited by the Royal Institution of Chartered Surveyors (RICS) and the Chartered Association of Building Engineers (CABE)
- Opportunity to undertake a year's industrial placement or study abroad
- Stepping stone to a varied career with UK and overseas employment opportunities

#### **MODULES**

#### Level 4

During Level 4, students gain basic knowledge and theory of the real estate discipline with an introduction to valuation, real estate appraisal, law and construction technology. They will also have the opportunity to participate in collaborative activities and projects and build their academic and digital literacy skills

#### Level 5

During Level 5, students will explore the application and integration of key real estate themes in more depth. In particular, students learn about applying valuation techniques to specific scenarios, with a more focused legal perspective relating to property ownership and management and progress their practical skills through learning about building pathology and inspection

#### Level 6

During Level 6, students learn about property investment strategies, professional practice, real estate management and advanced valuation techniques. Students will complete a final year research project

#### WORK-RELATED LEARNING

The best way to experience working in the real estate sector is to undertake a year's professional work placement, either in the UK or overseas. Taking the sandwich option will greatly improve your career prospects and could even lead to a permanent position with your placement employer.

The placement is fully paid and is an invaluable opportunity to learn new skills and gain hands-on experience that will add real value to your CV and impress future employers. The direct work experience could also count towards a professional qualification. It can even count towards the professional MRICS qualification.

#### CAREER PROSPECTS

Our real estate graduates are employed across a wide range of property based organisations, from local surveying practices to multinational companies. Career opportunities also exist in the residential sector as well as within in-house property teams for corporate organisations such as retailers and banks. Local authorities and other public sector and central government agencies also employ real estate graduates.

#### **ACCREDITATION**



# **SCIENCE AND FOOTBALL**

# BSc (Hons)

The BSc (Hons) Science and Football is delivered by world-leading experts and informed by extensive links with key industry partners, such as the Football Association, FIFA, various Premier League football clubs and the Professional Footballers' Association.

- Teaching from industry professionals, including coaches and applied practitioners from a variety of professional clubs and governing bodies within the UK and Europe
- Key industry partners including professional clubs, the FA, UEFA, FIFA and Prozone
- World-leading research institute attracting high-level professionals to give talks
- Every student has the opportunity to do a work placement or sandwich year
- Stepping stone to careers in community football or with elite professional teams
- Endorsed by the British Association of Sport and Exercise Sciences (BASES) Undergraduate Endorsement Scheme
- School named 9th best department in the world, 2nd in the UK and 6th in Europe by the Academic Ranking of World Universities (ARWU) for sport sciences

#### Level 4

Research Skills; Psychological Foundations; Biomechanics Foundations; Research Methods 1; Physiological Responses to Acute Exercise; Science and Football Foundations

#### Level 5

Current Issues in Science and Football 1; Biomechanical Principles; Psychological Principles; Research Methods 2; Physiological Responses to Exercise Training; Current Issues in Science and Football 2

#### Level 6

Football Science Project; Biomechanics of Football; Psychology of Football; Physiology of Football; Performance Analysis of Football

#### WORK-RELATED LEARNING

Every student will have the opportunity to do a work placement (40 hours' minimum) or a sandwich year where you will put into practice the skills and knowledge gained during your studies. We have excellent industry links, including the Football Association, FIFA, various Premier League football clubs and the Professional Footballers' Association.

#### CAREER PROSPECTS

A number of our former graduates are now employed in the football industry in the UK, Europe and further afield in sports science support, player development and community programmes. Graduates work for a range of elite organisations such as: Manchester United Football Club, Liverpool Football Club, Everton Football Club and the Football Association. Typical roles include performance analysis, sports psychology, fitness and conditioning, education and welfare, and nutritional advice.

#### **ACCREDITATION**



# **SOCIOLOGY**

# BA (Hons)

BA (Hons) Sociology at LJMU is a varied degree, which offers a unique opportunity to undertake a contemporary, critical and sector-leading programme of study. The degree will develop your research skills and help you explore alternate ideas and respect points of view that may be contrary to your own, including providing core training in sociological methods and theory.

#### COURSE OVERVIEW

- Hands-on research methods training with field work activities
- Study unique pathways that reflect the diversity of the discipline and student interest

- I Training in core methods and sociological theory
- An international perspective, including field visits
- Work placement opportunities in teaching, international development, charities, tourism, the media, creative and heritage industries

#### **MODULES**

#### Level 4

Identities and Studying Sociology; Sociological Imaginations; Contemporary Social and Green Issues; Researching the Everyday; Culture and Sociology; Globalisation, Development and Society

#### Level 5

Researching British Society; Knowing the Modern World; Research in Action; Cultural and Critical Theory; Options typically offered: Globalisation, Culture and Society; Race and Ethnicity in Contemporary Britain; Society and Environment in Conflict; The Medicalised Body: Sociology of Health and Illness; Sociology of Health and Illness

#### Level (

Options typically offered: Dissertation in Sociology; Interchange in Sociology: Working with Communities; Interchange in Sociology: Community-based learning; International Fieldwork in Sociology; Radical Planet: Protest, Resistance and Alternatives to Urban Capitalism; The Aesthetics and Politics of Fear; Sport, Crime and Society; Disability Studies; Body Politics: Gender, Sexuality and Society; Cultural Sociology of Music; Sociology Work Placement; Society, Religion and Belief

#### **WORK-RELATED LEARNING**

Opportunities for work-based and work-related learning are integrated into the programme. This will offer you the chance to put what you have learnt into practice as well as providing new skills and experiences. It will also add real value to your CV, giving you a professional edge when you come to negotiate your way through the graduate job market.

Careers events and information on volunteering opportunities are incorporated into core modules and you will have the option to undertake placements at Level 6.

#### **CAREER PROSPECTS**

Our graduates find career opportunities in social services; local and national Government and the civil service; youth work; lecturing and teaching; career guidance; research; journalism; third sector advocacy; think tanks; and policy development.

Some go on to careers in police and probation services; human resource management; legal services; marketing and advertising; ICT development; business and finance; publishing; health services; health promotion and public health; ecology and environmental campaigning; and international development.

# **SOFTWARE ENGINEERING**

### **BSc (Hons)**

Software engineering is the art/technique of developing and maintaining software systems that are reliable, efficient, maintainable and affordable.

#### **COURSE OVERVIEW**

- Exciting networking and placement opportunities thanks to our links with over 450 local and national organisations, including IBM, Merseyside Police, Lloyds TSB and HM Treasury
- State-of-the-art computing facilities, including dedicated labs, available to students on site
- Excellent career prospects

#### MODULES

#### Level 4

Programming Computer Systems; Software Engineering Principles; Software Engineering Workshop; Internet and Web Technologies; Personal and Professional Development; Data Modelling

#### Level 5

Data Structures; Database Development; Programming Language Theory; Web Technologies; Object Oriented Systems; Research Skills; Professional Issues

#### Level 6

Contemporary Software Development; User Experience Design; Cloud and Virtualisation; Distributed Systems; Plus a large individual project

#### WORK-RELATED LEARNING

There are many paid work placement options for you to choose from in your third year and extensive support is provided to enable you to apply for and gain a relevant placement in the computing industry. The department maintains wide-ranging links with industry, promoting successful placements, with global companies such as Microsoft, Barclays, Experian, GlaxoSmithKline, Sony, IBM, etc. as well as many local software and IT businesses. These placements facilitate the practical application of the skills learnt on the course and provide invaluable industry experience. The vast majority of students completing this sandwich degree go on to obtain full-time employment in the computing industry.

#### CAREER PROSPECTS

There is a massive demand for talented software engineers. Possible career paths include systems and IT support, software development, web and internet applications.

This degree provides excellent training in modern software development. Our students are highly sought after by employers both in the UK and overseas.

#### **ACCREDITATION**





# **SPORT AND EXERCISE SCIENCE**

### BSc (Hons)

The BSc (Hons) Sport and Exercise Science degree is delivered by world-leading experts in state-of-the-art facilities in our award-winning Tom Reilly Building.

#### **COURSE OVERVIEW**

- The highest ranked institution offering an undergraduate sport and exercise science course in the Research Excellence Framework 2014
- School named 9th best department in the world, 2nd in the UK and 6th in Europe by the Academic Ranking of World Universities (ARWU) for sport sciences
- School designated a Centre for Excellence in Teaching and Learning (2005-2010) by the Higher Education Funding Council for England
- I Taught in a £25 million state-of-the-art building with world-class laboratories and equipment
- I Endorsed by the British Association of Sport and Exercise Sciences (BASES) Undergraduate Endorsement Scheme
- Excellent employment prospects in elite performance or promotion of healthy lifestyles
- Sport and Exercise Science graduates valued by employers because they "think differently and have excellent people skills"

#### **MODULES**

#### Level 4

Research Skills; Psychological Foundations; Biomechanical Foundations; Research Methods 1; Physiological Responses to Acute Exercise; Physical Activity, Sedentary Behaviour and Health Foundations

#### Level 5

Applied Sport and Exercise Principles; Psychological Principles; Biomechanical Principles; Research Methods 2; Physiological Responses to Exercise Training; Physical Activity, Sedentary Behaviour and Health Principles

#### Level 6

Major Project; Options typically offered: Applied Placement; Current Issues in Physical Activity, Sedentary Behaviour, Health Measurement and Research; Sports Biomechanics; Applied Motor Behaviour; Cardiovascular and Environmental Physiology; Physical Activity and Sedentary Behaviour Interventions In Practice; Clinical Biomechanics; Psychology and Development Issues in Sport; Skeletal Muscle Physiology, Metabolism and Nutrition

#### WORK-RELATED LEARNING

Work experience can significantly enhance your professional development and career prospects. You can therefore spend part of your final year on an applied placement, giving you the chance to practise skills and knowledge gained in the first two years of the course and giving you a head start when you come to navigate the graduate job market.

#### CAREER PROSPECTS

The diversity of careers that our graduates pursue is testament to the variety of skills they develop during their course. Some choose to pursue teaching careers, supplementing their degree with a Postgraduate Certificate in Education. Others continue their studies at Masters level, remaining at LJMU to study sport and clinical biomechanics, sport psychology, sport and exercise physiology, sport nutrition, strength and conditioning or study for other masters degrees e.g. physiotherapy. Some also progress to doctoral level research and take up lecturing positions in universities and colleges.

#### **ACCREDITATION**



# SPORT AND NUTRITION FOR HEALTH

# **BSc (Hons)**

The BSc (Hons) Sport and Nutrition for Health at Liverpool John Moores University offers you a range of exciting work-related learning opportunities with organisations such as School Sport Partnerships, local health organisations and Everton Football in the Community plus our in-house Sport Start scheme.

#### **COURSE OVERVIEW**

- Emphasis on physical activity, sport, exercise, food, nutrition and diet to improve and maintain health
- Career opportunities in community health improvement, public health nutrition, sport and physical activity development
- Extensive work-based learning and research opportunities
- I Friendly campus with access to excellent sports and kitchen facilities

#### **MODULES**

#### Level 4

Advanced Learning Skills; Introduction to Food & Nutritional Science; Principles of Human Nutrition; Nutrition & Exercise Physiology; Introduction to Sport & Nutrition for Health 1; Understanding Theories & Practice of Sport for Health

#### Level 5

Nutrition in the Lifecycle; Nutrition & Exercise Biochemistry; Physiology & Nutrition for Performance; Physical Activity Across the Lifecycle; Health Improvement; Methods of Enquiry

#### Level 6

Research Project; Work Related Learning; Health Epidemiology; Applied Practice in Sport and Nutrition for Health; Advanced Topics in Sport & Nutrition for Health

#### WORK-RELATED LEARNING

A key feature of our course is the work-related learning links embedded in all three years of the degree. Drawing on the guidance of your tutors, you will be able to apply your theoretical understanding to practical situations, make more informed career choices, develop your professional networks and identify essential workplace skills. We have access to an extensive range of providers across the region, including major local authorities and health service providers, community schemes for food, health, sport and physical activity, local schools and a range of relevant settings for specific populations as well as LJMU's in-house 'Sport Start' scheme.

#### CAREER PROSPECTS

This degree will equip you with the skills, knowledge and experience required to forge an exciting career in nutrition, sport, physical activity, health improvement and wellbeing. Future career roles could include: Health Improvement Officers and Managers; Sport Development Officers and Managers; Community Health Workers (food and physical activity) and Managers; Public Health Nutritionists; Dietetic Assistants. Graduates will also be able to progress onto further study and postgraduate research.

# **SPORT BUSINESS**

# **BA** (Hons)

The BA (Hons) Sport Business at Liverpool John Moores University offers you excellent placement opportunities and graduate career prospects in the fast-paced and flourishing sports industry.

#### **COURSE OVERVIEW**

- Programme renowned for its quality, with staff awards for excellence in teaching, leadership and professional learning
- Students undertake placements in organisations such as Liverpool FC, Everton, Tranmere, Aintree racecourse, Liverpool Lifestyles, County FA, County Sport Partnership
- I Friendly campus with access to a wide range of sports facilities
- Real world, authentic teaching and learning methods used that reflect industry practice.
- Field trips and visits into industry settings are embedded into the programme at each level of study

#### **MODULES**

#### Level 4

Sport Business 1; Personal Learning and Development; Sport Management; Marketing, Sponsorship and PR; Sport Business 2; Sport Business in Practice 1

#### Level 5

Sport Business – Grassroots; Research Design; Entrepreneurship for Sport; Sports Media; Sport Business – Elite; Options typically offered: Sport Business in Practice 2; Sport Law; Delivering Adapted Activities

#### Level 6

Sport Business 3; Research Project; Organisational Management and Leadership; Sport Event Management; Options typically offered: Sport Business in Practice 3; Evaluating Sports Practitioners

#### WORK-RELATED LEARNING

Work-related learning is embedded throughout the whole degree, allowing you to experience different opportunities and roles in the sports industry. By applying what you have learnt on the degree in a range of professional settings, you will develop enhanced skills and experience, adding real value to your CV.

#### CAREER PROSPECTS

The Sport Business curriculum equips students for employment with industry specific skills that relate to sports management, project and event management and marketing and sponsorship. The role of business in sport continues to develop as the industry evolves across all sectors, from grassroots to elite and professional sport. This programme can offer career pathways into a number of different sports organisations, such as: professional football clubs; local and national sports organisations (example Local Authority, County Sport Partnerships); sport national governing bodies (example Football Association); and sector specific agencies such as marketing or sponsorship.

# **SPORT COACHING**

### **BSc (Hons)**

Sport Coaching provides a mix of academic and practical experiences to enhance your understanding of sport coaching through from elite to community provision.

#### **COURSE OVERVIEW**

- Covers the art (coaching methods, planning and delivering) and science (psychology and physiology) of sport coaching
- Provides multiple opportunities to gain coaching experience in the UK and potentially abroad
- Apply the latest coaching research in practical sessions, assessments and placements
- Graduates have gone on to a wide range of exciting careers in community sport, private or overseas coaching, national governing bodies of sport and sport development
- I Your studies will be supplemented by expert guest lectures and visits from the field of coaching

#### **MODULES**

#### Level 4

Sport Coaching Pedagogy 1; Coaching Process 1; Research Methods and Study Skills; Psychology for Sports Coaches 1; Strength and Conditioning for Coaches; Employability and Professional Development 1

#### Level 5

Sport Coaching Pedagogy 2; Coaching Process 2; Research Methods 2; Psychology for Sports Coaches 2; Strength and Conditioning for Coaches 2; Employability and Professional Development 2

#### Level 6

Major Research Project; Interdisciplinary Considerations for Programme Design; Psychology for Sports Coaches 3; Applied Sport Coaching Pedagogy 3; Coaching Process 3: Employability and Professional Development 3

#### **WORK-RELATED LEARNING**

The course incorporates work-related learning through 'Employability and Professional Development' modules that are built-in at every level. You will have the chance to take up placements with outstanding organisations across the sport continuum, from the elite level such as Everton Academy, to a range of community-based placements within a variety of sports. There will also be opportunities (both paid and voluntary) to work for our in-house Sport Start scheme.

During your work experience, you will build up a set of the key transferable skills that are valued by employers, whatever career path you choose, which will help you stand out from the crowd when you come to apply for your first graduate position.

#### CAREER PROSPECTS

Once you graduate, you have a wide range of options open to you. Many of our graduates go on to work as sports coaches with private or overseas coaching service providers, national governing bodies of sport, or in sport development. Others choose to progress onto further study such as Teacher Training programmes or other postgraduate studies.

# SPORT PSYCHOLOGY

# BSc (Hons)

The professionally accredited BSc (Hons) Sport Psychology offers exciting placement opportunities that are all, uniquely for the sector, both external and pre-sourced across a range of settings from schools, councils, local charities and sports clubs.

- Accredited by the British Psychological Society (BPS)
- Taught by BPS and Health and Care Professions Council Registered (HCPC) sport psychologists and sport and exercise psychologists
- Based in the £25 million Tom Reilly Building with state-of-the art laboratories
- I Placement experience at professional organisations
- I School named 9th best department in the world, 2nd in the UK and 6th in Europe by the Academic Ranking of World Universities (ARWU) for sport sciences
- Includes an applied working field trip to the English Institute for Sport and Manchester United Football Club Academy
- Step one on the career path to becoming a BPS Chartered Sport and Exercise Psychologist and a HCPC Registered Sport Psychologist

#### Level 4

Research Methods 1; Introduction to Developmental Psychology and Individual Differences; Introduction to Biological and Cognitive Psychology; Psychological Foundations; Applied Sports Psychology Foundation; Applied Sports Psychology Skills

#### Level 5

Research Methods 2; Developmental and Social Psychology; Cognitive and Biological Psychology; Psychological Principles; Applied Sport Psychology Principles; Applied Sport Psychology Advanced Skills

#### Level 6

Major Project; Applied Sport Psychology; Placement Foundations; Applied Sport Psychology Placement; Psychology and Development Issues in Sport; Applied Motor Behaviour

#### WORK-RELATED LEARNING

You will have the opportunity to undertake an applied sport psychology placement with a professional local sports organisation and/or charity, such as: Liverpool, Everton and Tranmere Football Clubs, City of Liverpool Swimming Club, Warrington Rowing, Autism Together, Leaps and Bounds Trampoline Club for Autistic Children and Mersey Forest.

#### CAREER PROSPECTS

The demand for high quality science graduates continues to increase meaning you will not only be qualified for a career in sport psychology, but also in sports science and management roles within the world of sport and national governing bodies.

Your BPS-accredited degree can lead directly to a BPS-accredited Masters degree in Sport Psychology at LJMU. Alternatively, you could pursue further study at PGCE, masters or PhD level.

#### **ACCREDITATION**



# **SPORTS JOURNALISM**

# BA (Hons)

Merseyside is the host of some of the world's best sporting events, from the Open Golf Championship, to Premier League football and the greatest horse race in the world. At LJMU you will learn how to be a professional journalist, within a School that has a great reputation for its links to industry and high quality graduate training.

#### COURSE OVERVIEW

- Study and work in Liverpool Screen School's Redmonds Building, giving you access to state of the art facilities including editing suites, newsrooms, radio sound studios and a TV studio
- Opportunities to undertake work placements with leading media outlets and sports clubs
- Large range of highly focused modules to develop your journalistic skills
- Opportunities to write for and publish on the highly regarded JMU Journalism website

#### MODULES.

#### Lovol 4

Sports Journalism Skills; Sport and Society; Introduction to Professional Practice; Studying as Journalists; Introduction to Reporting

#### Level 5

Online Sports Journalism Production; Sports Feature Writing; Magazine Journalism; Developing Broadcast Skills; Reporting UK Politics; UK Law and Ethics for Journalists

#### Level 6

Advanced Journalism Practice (including live newsdays and work placement); Journalism Careers; Options typically offered: Dissertation; Journalism Issues; The Business of Sport; PR for Journalists; Specialist Journalism

#### **WORK-RELATED LEARNING**

This vocational course offers many opportunities for practical, hands-on experience and work placements, thanks to our connections in the local, national and international media and sports clubs.

For instance, LJMU has formed partnerships with various sports clubs and these important links have potential for placements and employment. Work experience, which takes place in the third year and is mandatory, offers invaluable opportunities to practise your skills in a high-pressure news media environment and will put you at a distinct advantage over other applicants once you enter the competitive job market. In fact, many students are offered permanent jobs at companies like the BBC, Trinity Mirror and Lime Pictures on the basis of a successful work placement.

#### CAREER PROSPECTS

LJMU journalism graduates have a good track record of employment, forging successful careers as reporters, writers, editors, specialist correspondents, freelance journalists and television presenters. As well as working in television and news publishing, they can be found in broadcasting and news agencies, public relations departments and consultancies, web-based media and local authority press departments.

# VIDEO PRODUCTION AND STREAMING

### **BSc (Hons)**

The media industry is changing. As new technology develops apace, the methods used to create and distribute content are transforming traditional techniques. This programme aims to equip graduates to become industry leaders, possessing both the technical skill and business awareness to succeed.

#### **COURSE OVERVIEW**

- Excellent student support from academic tutors and student mentors
- Our application-led curriculum (designed in line with advice from industrial partners) emphasises an understanding of the concepts and theories that underpin technology as well as application to real- world professional scenarios
- Teaching is supported by relevant laboratories and workshops (including recording, radio and television studios) with state-of-the-art software and excellent technical support

#### **MODULES**

#### Level 4

The Media Industry, Spreadsheets and Data Presentation, Computing and Video Tools, Video Acquisition, Introduction to Post- Production, Sound Technology, Radio and Podcasting

#### Level 5

Networks and Streaming, Broadcast Standards, The Media Entrepreneur, Live Performance Operations, Broadcast Studio Operations, CGI and Special Effects

#### Level 6

Music Video Production, Virtual Digital Studio, Media Delivery and Monetisation, Project Preparation, Career Management Project

#### WORK-RELATED LEARNING

This course takes elements of studio and location production, and blends them with expertise at the Department of Electronics and Electrical Engineering, where elements of existing courses on operations management and web-solutions are practised, along with the School's existing industry-recognised broadcast degrees to provide a unique combination designed to meet the needs of the media industry.

#### **CAREER PROSPECTS**

The industry is competitive but reports suggest that applicants having good technical awareness, combined with well-crafted management skills and an understanding of the production process, are most likely to be in demand.

Graduates emerging from this course are well placed to enter a wide range of jobs in organisations both large and small, stretching from positions in web-based technical solutions providers to those in general video production.

# WILDLIFE CONSERVATION

### BSc (Hons)

The BSc (Hons) Wildlife Conservation is taught by conservation experts and will allow you to develop the skills and knowledge to work in a professional conservation organisation. Develop your knowledge in ecology, genetics, evolution and animal behaviour and environmental sustainability and how to apply these to conservation practice.

#### **COURSE OVERVIEW**

- Overseas field skills trip included in the fees and opportunity for self-funded overseas field expedition
- Option to undertake a 4 to 6 week placement and/or a 12 month sandwich placement in the UK or overseas
- I Teaching from conservation experts involved in collaborative research projects and consultancy, including primate conservation, large African mammal conservation, human wildlife conflict, species reintroduction, biogeography and species distributions, bird social behaviour and ecosystem services
- Learn practical skills in field surveying, animal and plant identification, Geographical Information Systems (GIS) and recording animal behaviour
- Develop conservation practice skills, such as Habitat Management Plans, protected area designation, zoo conservation and conservation technology
- £6 million invested in state-of-the-art teaching facilities

#### **MODULES**

#### Level 4

Ecology; Evolution and Inheritance; Animal Behaviour; Environment, Society and Sustainability; Skills for Wildlife Conservation; Fundamentals for Scientific Research

#### Level 5

Wildlife and Ecosystem Management; Conservation Practice and Management Skills; Ecology Field Skills; Research Skills and Employability

#### Level 6

Research Project; Contemporary Issues in Conservation; Options typically offered: Frontiers of Ecology; Primate Social Systems; Zoo Conservation and Gene Banks; Sustainable Natural Heritage; River Monitoring and Management; International Expedition; Work Based Learning

#### **WORK-RELATED LEARNING**

You will have the opportunity to undertake a short (4-6 week) work-based placement or a 12-month placement with a relevant organisation in the UK or abroad. This work experience will give you a chance to put into practice what you have learnt in the first two years and will help you develop your personal skills and add real value to your CV. Such experiences are not only extremely rewarding, they can lead to permanent employment through contacts made.

#### CAREER PROSPECTS

You will enjoy a variety of career opportunities in the UK and overseas. Graduates work in nature reserve management, conservation NGOs, zoos, aquaria and wildlife parks, conservation charities, countryside ranger departments, ecological consultancies, agri-environment advisory services, environmental education, ecological research and overseas conservation projects.

#### **ACCREDITATION**



# **ZOOLOGY**

## **BSc (Hons)**

The professionally accredited BSc (Hons) Zoology offers you exciting opportunities to complete work placements and field trips both in the UK and overseas.

#### **COURSE OVERVIEW**

- Accredited by the Royal Society of Biology
- Overseas field skills trip included in the fees and opportunity for self-funded overseas field expedition
- Option to undertake a 4-6 week placement and/or a 12-month sandwich placement in the UK or overseas
- Easy access to local zoos and diverse habitat sites and ecosystems in North Wales, Lancashire, Snowdonia and the Lake District
- Excellent prospects in a diverse range of animalrelated careers, including clinical and veterinaryrelated science, animal training, ecological consultancy, animal welfare and conservation, wildlife education, teaching and lecturing

#### **MODULES**

#### Level 4

Animal Behaviour; Genetics and Evolution; Ecology; Animal Physiology; Fundamentals of Scientific Research; Practical Skills for Zoology

#### Level 5

Comparative Animal Physiology; Animal Evolution and Diversity; Research Skills and Employability

#### Level 6

Research Project; Current Topics in Zoology; Options typically offered: Animal Welfare; Animal Learning and Cognition; Parasitology; Neurobiology; Applications of Genetics in Health and Disease; International Expedition (includes residential fieldwork overseas); Applied Marine Biology; Work-based Learning (includes a placement)

#### WORK-RELATED LEARNING

As part of your work-related learning, you have the opportunity to undertake a short (4-6 week) work-based placement or a 12-month placement with a relevant organisation in the UK or abroad. This work experience will not only give you a chance to put into practice what you have learnt, it will also help you develop your personal skills, give you a year's break from formal study and add real value to your CV. Many students who undertake placements have gone on to work for the same organisation once they have graduated.

#### CAREER PROSPECTS

Some of our students continue on to postgraduate research once they have graduated, while others enter careers as diverse as clinical and veterinary science, animal physiotherapy, animal training, ecological consultancy, animal welfare and conservation or wildlife education. Others choose to go into teaching or lecturing.

Recent graduates have secured full-time employment in a variety of roles, such as: Planning and Biodiversity Advisor, Natural England; Research and Conservation Officer, Knowsley Safari Park; Wildlife Consultant, SafeSkys; Animal Keeper, Longleat Safari Park; Scientific Officer, RSPCA; Behaviour and Welfare Scientist, Chester Zoo and Community Outreach Coordinator (conservation), Auckland; Research Coordinator, Game Park, South Africa; Wildlife Film Production Team Member, Tigress Productions.

#### **ACCREDITATION**





# INTERNATIONAL STUDY CENTRE PROGRAMMES

# INTERNATIONAL FOUNDATION YEAR (BUSINESS AND LAW)

This programme includes academic modules, study skills and English language training, providing complete preparation for students with good academic qualifications who are looking to progress to an undergraduate degree in Law or Business at LJMU.

#### **COURSE OVERVIEW**

- Learn about the importance of financial management, and the operational and strategic challenges facing the businesses
- Gain understanding of the concepts and models of micro-economic and macro-economic analysis
- Develop core mathematical skills that will be relevant to your undergraduate degree
- Gain business skills, including decisionmaking and problem solving
- For Law, you will study the English legal system, the mechanics of the legal process, justice and those who administer it.

#### **COURSE LENGTH**

Two semesters (start dates in September or January)

#### **MODULES**

Business, Marketing, Management and Public Relations; Economics; English Skills for University Study; Introduction to Business; Introduction to Law; Maths for Business; Project Study; The Law of Contract and Consumer Protection;

**Options:** International Law, International Relations and Globalisation; Introduction to Financial Accounting (NB progression degree may specify options required)

#### **PROGRESSION**

Students successfully completing this International Foundation Year usually progress to one of the following undergraduate degrees:

BSc (Hons) Accounting and Finance;

BA (Hons) Business and Public Relations;

BA (Hons) Business Management;

BA (Hons) Business Studies;

BA (Hons) Business with Finance;

BA (Hons) Business with International

Business Management;

BA (Hons) Business with Marketing;

BA (Hons) Criminal Justice;

BA (Hons) Events Management;

BSc (Hons) Facilities Management

- progression route for both IFY programmes;

BSc (Hons) Forensic Psychology and Criminal Justice;

BA (Hons) History;

BA (Hons) Human Resource Management;

BA (Hons) International Journalism;

BA (Hons) International Tourism Management;

LLB (Hons) Law:

BA (Hons) Law and Business;

LLB (Hons) Law and Criminal Justice;

BSc (Hons) Management, Transport & Logistics;

BSc (Hons) Maritime Business & Management;

BA (Hons) Marketing;

BSc (Hons) Media, Culture and Communication;

BSc (Hons) Psychology;

BSc (Hons) Real Estate;

BA (Hons) Sport Business

# INTERNATIONAL FOUNDATION YEAR (ENGINEERING, COMPUTING AND LIFE SCIENCES)

Designed for students who have good academic qualifications who are looking for English language, study skills and additional academic subject training, in preparation for an undergraduate degree in Engineering, Computing or Life Sciences at LJMU.

- Gain understanding of mechanics and mathematics relevant to your undergraduate study
- Develop your knowledge of physics and learn about atomic physics, materials, heat and gases, and oscillations and waves
- Life sciences students will focus on biology and chemistry, developing their knowledge in key areas such as cell biology, physiological processes in animals and plants, inorganic and organic chemistry, and an overview of contemporary science.

#### **COURSE LENGTH**

Two semesters (start dates in September or January)

#### MODULES.

English Skills for University Study; Project Study;

**Options:** Applied Maths; Biology; Chemistry; Maths for Science; Physics; Pure Maths (NB progression degree may specify options required)

#### **PROGRESSION**

Students successfully completing this International Foundation Year usually progress to one of the following undergraduate degrees:

BSc (Hons) Animal Behaviour;

BEng (Hons) Architectural Engineering;

BSc (Hons) Architectural Technology;

BA (Hons) Architecture;

BSc (Hons) Audio and Music Production;

BSc (Hons) Chemistry;

BSc (Hons) Biochemistry;

BSc (Hons) Biology;

BSc (Hons) Biomedical Science;

BEng (Hons) Building Services Engineering;

BSc (Hons) Building Services Engineering

Project Management;

BSc (Hons) Building Surveying;

BEng (Hons) Civil Engineering;

BSc (Hons) Computer Forensics;

BSc (Hons) Computer Games Development;

BSc(Hons) Computer Networks;

BSc (Hons) Computer Science;

BSc (Hons) Computer Security;

BSc (Hons) Computer Studies;

BSc (Hons) Construction Management;

BEng (Hons) Electrical and Electronic Engineering:

BEng (Hons) Electrical Power Engineering;

BEng (Hons) Electronic Engineering;

BSc (Hons) Environmental Health;

BSc (Hons) Forensic Anthropology;

BSc (Hons) Forensic Science;

BSc (Hons) Geography;

BSc (Hons) Mathematics;

BSc (Hons) Mathematics and Data Science;

BSc (Hons) Mathematics with Finance;

BEng (Hons) Mechanical and Marine Engineering;

BEng (Hons) Mechanical Engineering;

BEng (Hons) Mechanical Engineering with Management;

BEng (Hons) Mechanical and Manufacturing Engineering;

BSc (Hons) Multimedia Computing;

BSc (Hons) Nautical Science;

BSc (Hons) Nutrition;

MPharm (Hons) Pharmacy;

BSc (Hons) Product Design Engineering;

BSc (Hons) Pharmaceutical Science;

BSc (Hons) Psychology;

BSc(Hons) Public Health;

BSc (Hons) Quantity Surveying;

BSc (Hons) Real Estate;

BSc (Hons) Science and Football;

BSc (Hons) Software Engineering:

BSc (Hons) Sport and Exercise Science;

BSc(Hons) Sport Coaching;

BSc (Hons) Sport Psychology (Applied);

BSc (Hons) Wildlife Conservation;

BSc (Hons) Zoology

# EXTENDED INTERNATIONAL FOUNDATION YEAR (BUSINESS OR LAW)

Designed specifically for students who are unable to gain direct entry into the International Foundation Year and who need extra support in business subjects, this extended programme runs across 3 semesters.

#### **COURSE OVERVIEW**

- Increase your knowledge of the language used in business, law, and economics
- Learn the critical definitions required for the study of business, law, and economics at degree level
- I Develop your English language skills
- I Enhance your study skills
- I Strengthen your mathematical ability
  Three semesters (starting in September)

#### **MODULES**

Introduction to Business and Law; Language for Study; Maths for Business; Study Skills for University

#### **PROGRESSION**

Successful completion of the first semester of the extended programme allows progression to semester 1 of the International Foundation Year in Business and Law.

# EXTENDED INTERNATIONAL FOUNDATION YEAR (ENGINEERING, COMPUTING AND LIFE SCIENCES)

Designed specifically for students who are need extra support to gain entry into the International Foundation Year, this extended programme runs across 3 semesters.

#### **COURSE OVERVIEW**

- You will be introduced to areas within mathematics, chemistry and biology which will allow you to prepare for undergraduate study.
- The course covers calculus, algebra, chemistry and how it is taught in the UK, and physics and why it is essential for the study of science and engineering in the UK.
- I Develop your English language skills
- I Enhance your study skills
- Strengthen your mathematical ability

#### **COURSE LENGTH**

Three semesters (starting in September)

#### **MODULES**

Chemistry; Language for Study; Mathematics; Physics; Study Skills for University

#### **PROGRESSION**

Successful completion of the first semester of the extended programme allows progression to semester 1 of the International Foundation Year in Engineering, Computing and Life Sciences.

# INTERNATIONAL YEAR ONE IN BUSINESS

Ideal for students who need extra support with academic or study skills and English language, this is the perfect pathway to the second year of a undergraduate business degree at LJMU.

#### **COURSE OVERVIEW**

- Learn about the importance of financial management
- I Gain understanding of the operational and strategic challenges facing businesses in the modern market economy
- Strengthen your business skills, including decision-making and problem solving
- Gain understanding of concepts and models of micro-economic and macro-economic analysis
- Strengthen core mathematical skills that will be relevant to your chosen undergraduate degree

#### **COURSE LENGTH**

Two semesters (start dates in September or January)

#### MODULES.

Economics for Business and Finance; English Skills for University Study; Introduction to Business Studies; Introduction to Financial Accounting; Management and Cost Accounting; Maths for Business and Finance

**Options:** Business, Management, Marketing and PR; Financial Reporting and Corporate Governance (NB progression degree may specify options required)

#### **PROGRESSION**

Students successfully completing this International Year One usually progress to the second year of one of the following undergraduate degrees:

BSc (Hons) Accounting and Finance; BA (Hons) Business and Public Relations; BA (Hons) Business Management; BA (Hons) Business Studies; BA (Hons) Human Resource Management; BA (Hons) Marketing;

# INTERNATIONAL YEAR ONE IN ENGINEERING

The International Year One in Engineering is your pathway to the second year of an undergraduate engineering degree if you need support with academic and study skills as well as English language to progress to the second year of an engineering undergraduate degree at LJMU.

#### **COURSE OVERVIEW**

- Academic modules, study skills and English language training, providing complete preparation for your undergraduate degree.
- For electrical engineering, you will study circuit analysis, physical principles of electrical and electronic systems, and transistors and the small-signal equivalent circuits.
- For mechanical engineering, you will study fundamental principles of mechanical engineering design, and how to apply the laws of thermodynamics to open and closed systems. You will also strengthen your mathematics and computation skills.

#### **COURSE LENGTH**

Two semesters (starting in September)

Electrical Engineering and Electronic Circuit Principles; Engineering Mathematics; English Skills for University Study;

**Options:** Applied Mechanics; Digital and Analogue Electronics; Electrical Engineering Practice; Engineering Principles; Materials and Manufacture; Microprocessors and Software; Thermodynamics and Fluid Mechanics (NB progression degree may specify options required)

#### **PROGRESSION**

Students successfully completing this International Year One usually progress to the second year of one of the following undergraduate degrees:

BEng (Hons) Electrical and Electronic Engineering; BEng (Hons) Mechanical Engineering

# EXTENDED INTERNATIONAL YEAR ONE IN BUSINESS

Ideal for students who need extra support with academic or study skills and English language, this is the perfect pathway to the second year of a undergraduate business degree at LJMU.

#### **COURSE OVERVIEW**

- Learn about the importance of financial management
- Gain understanding of the operational and strategic challenges facing businesses in the modern market economy
- Strengthen your business skills, including decision-making and problem solving
- Gain understanding of concepts and models of micro-economic and macro-economic analysis
- Strengthen core mathematical skills that will be relevant to your chosen undergraduate degree

#### **COURSE LENGTH**

Three semesters (starting in September)

#### **MODULES**

Introduction to Business; Introduction to Accounting and Finance; Language for Study; Maths for Business; Study Skills for University

#### **PROGRESSION**

Successful completion of the first semester of the extended programme allows progression to semester 1 of the International Year One in Business.

# PRE-SESSIONAL ENGLISH

If you hold a conditional offer for Liverpool John Moores and one of the conditions is to improve your English, then this programme is for you.

#### **COURSE OVERVIEW**

- Delivered in the International Study Centre on the Mount Pleasant Campus
- Designed to improve your English for academic study at the same time as developing the skills required for successful undergraduate study at LJMU

#### **COURSE LENGTH**

6, 12 or 20 weeks (depending upon level of English on entry)

#### **MODULES**

You will be introduced to:

Teaching and assessment approaches used at the University; Academic writing conventions; Listening skills; Grammar and vocabulary development; Presentation techniques and seminar skills; Analytical and problem solving skills

#### **PROGRESSION**

If you meet your offer conditions you may progress to your chosen degree at LJMU

For entry requirements for all International Study Centre Programmes, please visit www.ljmu.ac.uk/ISC

# 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 Robarts Library and is located in Liverpool city centre.







Redmonds Building



John Foster Building



Aldham Robarts 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 Robarts Library.



Tom Reilly Building



Byrom Street



Tithebarn Street / Avril Robarts 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



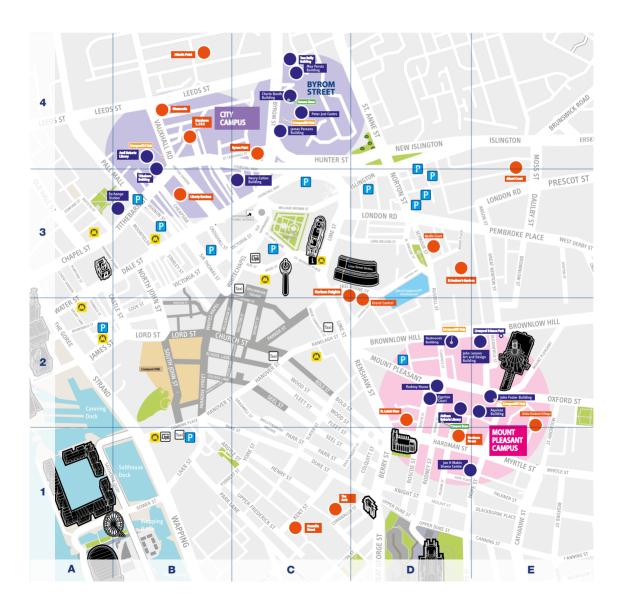
IM Marsh Library



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: Ijmu.ac.uk/copperashill

# LJMU LOCATION MAP



C4

**B**3

# HOW TO USE THIS MAP

Campuses are highlighted on the map, 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 Ijmu.ac.uk/accommodation to search by course, and list the accommodation best suited to where your lectures are.

	LJMU Buildings
	Student Accommodation
$\boxtimes$	Liverpool Landmarks
	LJMU City Campus
	LJMU Mount Pleasant Campus
	Train Stations / Bus Stations
P	Parking

# LJMU BUILDINGS

Cherie Booth Building

Exchange Station

Henry Cotton Building	C3
James Parsons Building	<b>C</b> 4
Joe H Makin Centre	D1
John Foster Building	<b>E2</b>
John Lennon Art & Design Bld	<b>E2</b>
LIBRARIES	
- Aldham Robarts Library	D2
- Avril Robarts Library	<b>B4</b>
Max Perutz Building	<b>C</b> 4
Peter Jost Centre	<b>C</b> 4
Redmonds Building	D2
Tithebarn Building	<b>B</b> 3
Tom Reilly Building	<b>C</b> 4

# STUDENT ACCOMMODATION

Albert Court	<b>E</b> 4
Apollo Court	D3
Atlantic Point	<b>B4</b>
The Arch	C1
Byrom Point	C4
Glassworks	<b>B4</b>
Grand Central	D2
Grenville Street	C1
Hardman House	D1
Horizon Heights	C3
Liberty Gardens	<b>B</b> 3
Marybone 1, 2 and 3	<b>B</b> 4
St Andrew's Gardens	D3
St. Luke's View	D2
Unite Student Village	<b>E2</b>
	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



# 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.

# A to Z of COURSES

The courses listed are correct at the time of going to print.

Title	Pag
ACCOUNTING AND FINANCE	2
ANIMAL BEHAVIOUR	2
ARCHITECTURAL ENGINEERING	2
ARCHITECTURAL TECHNOLOGY	2
ARCHITECTURE	2
ASTROPHYSICS	2
AUDIO AND MUSIC PRODUCTION	2
BIOCHEMISTRY	2
BIOLOGY	2
BIOMEDICAL SCIENCE	2
BIOTECHNOLOGY	3
BUILDING SERVICES ENGINEERING	3
BUILDING SERVICES ENGINEERING PROJECT MANAGEMENT	3
BUILDING SURVEYING	3
BUSINESS AND PUBLIC RELATIONS	3
BUSINESS MANAGEMENT	3
BUSINESS WITH FINANCE	3
BUSINESS WITH INTERNATIONAL BUSINESS MANAGEMENT	3
BUSINESS WITH MARKETING	3
CHEMISTRY	3
CML AND ENVIRONMENTAL ENGINEERING	3
CML AND OFFSHORE ENGINEERING	3
CML AND STRUCTURAL ENGINEERING	3
CML AND TRANSPORTATION ENGINEERING	3
CML ENGINEERING	3
CML ENGINEERING AND ARCHITECTURE	4
CML ENGINEERING AND CONSTRUCTION MANAGEMENT	4
COMPUTER FORENSICS	4
COMPUTER GAMES DEVELOPMENT	4
COMPUTER NETWORKS	4
COMPUTER SCIENCE	4
COMPUTER SECURITY	4

Title	Page
COMPUTER STUDIES	43
COMPUTING AND SMART DEVICES	44
CONSTRUCTION ENGINEERING	44
CONSTRUCTION MANAGEMENT	45
CONTROL AND AUTOMATION ENGINEERING	46
CREATIVE WRITING	46
CREATIVE WRITING AND FILM STUDIES	47
CRIMINAL JUSTICE	47
CRIMINOLOGY	48
CRIMINOLOGY AND PSYCHOLOGY	48
CRIMINOLOGY AND SOCIOLOGY	49
DATA SCIENCE	50
DRAMA	50
DRAMA AND CREATIVE WRITING	51
DRAMA AND ENGLISH LITERATURE	51
EARLY CHILDHOOD STUDIES	52
EDUCATION STUDIES	52
EDUCATION STUDIES AND EARLY YEARS	53
EDUCATION AND SPECIAL EDUCATION NEEDS	54
ELECTRICAL AND ELECTRONIC ENGINEERING	54
ELECTRICAL POWER ENGINEERING	55
ELECTRICAL ENGINEERING	56
ENGLISH LITERATURE	56
ENGLISH LITERATURE AND CREATIVE WRITING	57
ENGLISH, MEDIA AND CULTURAL STUDIES	58
ENVIRONMENTAL HEALTH	58
EVENTS MANAGEMENT	59
FASHION: DESIGN AND COMMUNICATION	59
FILM STUDIES	60
FINE ART	61
FORENSIC ANTHROPOLOGY	61
FORENSIC PSYCHOLOGY AND CRIMINAL JUSTICE	62
FORENSIC SCIENCE	62
	60

Title	Page
GRAPHIC DESIGN AND ILLUSTRATION	64
HISTORY	64
HISTORY AND ENGLISH LITERATURE	65
HISTORY OF ART AND MUSEUM STUDIES	66
HUMAN RESOURCE MANAGEMENT	66
INTERIOR ARCHITECTURE	67
INTERNATIONAL RELATIONS AND POLITICS	67
INTERNATIONAL TOURISM MANAGEMENT	68
JOURNALISM	69
LAW	69
LAW AND BUSINESS	70
LAW AND CRIMINAL JUSTICE	71
LEARNING, DEVELOPMENT AND SUPPORT	71
MARITIME BUSINESS AND MANAGEMENT	72
MARINE AND MECHANICAL ENGINEERING	72
MARKETING	73
MATHEMATICS	73
MATHEMATICS WITH FINANCE	74
MECHANICAL ENGINEERING	74
MECHANICAL ENGINEERING WITH MANAGEMENT	75
MECHATRONICS AND AUTONOMOUS SYSTEMS	75
MEDIA, CULTURE, COMMUNICATION	76
MEDIA PRODUCTION	76
MULTIMEDIA COMPUTING	77
NAUTICAL SCIENCE	77
NURSING (INTERNATIONAL) TOP UP DEGREE	78
NUTRITION	78
PHARMACEUTICAL SCIENCE	79
PHARMACY	79
PHYSICAL EDUCATION	80
PHYSICS WITH ASTRONOMY	81
POLICING STUDIES	81
POLICING STUDIES AND CYBERCRIME	82
POLICING STUDIES AND FORENSIC PSYCHOLOGY	82

Title F	age
POLICING STUDIES AND FORENSICS	83
PRODUCT DESIGN ENGINEERING	84
PROFESSIONAL POLICING	84
PSYCHOLOGY	85
PUBLIC HEALTH	85
QUANTITY SURVEYING	86
REAL ESTATE	87
SCIENCE AND FOOTBALL	87
SOCIOLOGY	88
SOFTWARE ENGINEERING	89
SPORT AND EXERCISE SCIENCE	89
SPORT AND NUTRITION FOR HEALTH	90
SPORT BUSINESS	90
SPORT COACHING	91
SPORT PSYCHOLOGY	91
SPORTS JOURNALISM	92
VIDEO PRODUCTION AND STREAMING	93
WILDLIFE CONSERVATION	93
ZOOLOGY	94
INTERNATIONAL STUDY CENTRE PROGRAMMES	96
INTERNATIONAL FOUNDATION YEAR (BUSINESS AND LAW	) 96
INTERNATIONAL FOUNDATION YEAR (ENGINEERING, COMPUTING AND LIFE SCIENCES)	96
EXTENDED INTERNATIONAL FOUNDATION YEAR (BUSINESS OR LAW)	97
EXTENDED INTERNATIONAL FOUNDATION YEAR (ENGINEERING, COMPUTING AND LIFE SCIENCES)	98
INTERNATIONAL YEAR ONE IN BUSINESS	98
INTERNATIONAL YEAR ONE IN ENGINEERING	98
EXTENDED INTERNATIONAL YEAR ONE IN BUSINESS	99
PRE-SESSIONAL ENGLISH	99

# **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.