For advancement of learning and ennoblement of life

Inspiring people to learn and achieve, we help them make the most of life. And by addressing some of the world’s toughest challenges, we help make life better for people everywhere. Here you can do things you may have never thought possible. Because, just like the city of Liverpool, we celebrate individuality and ingenuity, energy and enterprise; and we see how the ideas of one person can reverberate around the world.
Ranked in the top 1% of universities worldwide.

Established in 1881: in this year Queen Victoria reigned over Great Britain and the UK had its first street lit with electric light.

We are the original redbrick university.

About the University of Liverpool

Russell Group
Member of the Russell Group.

£102 million
in annual research income.

20th
in the UK’s Research Excellence Framework (REF), with seven subjects in the top 10.

Best Students’ Union
Awarded best Students’ Union at the NUS Awards 2016.
Nobel Laureates
Associated with nine Nobel Laureates.

33,000
33,000 students, 7,500 of whom travel from all over the world to study here.

211,000
A global network of 211,000 alumni in 171 countries.

Global links
We have a campus in London, are the largest provider of online degree programmes in Europe and we are the first UK university to establish a joint venture university in China.

Affordable
Based in the 2nd most affordable UK city for students.

£600 million
Invested in our campus.

Top 18
One of the top 18 UK universities targeted by global graduate employers.

UK leader
in social mobility.

95%
of our UK undergraduate graduates are in employment or further study six months after graduation.
Choosing the right place to study is one of the most important decisions you will ever make. It will affect not only the next three or four years, but also your future career. At Liverpool, our staff are at the cutting edge of their disciplines, and work hard to keep students up-to-date with the excitement and knowledge of all the latest developments. If you join us, you will spend your undergraduate career in a dynamic, international research-led academic environment – one which has been associated with nine Nobel Laureates during our history. The University and city of Liverpool offer you the social, sporting and welfare facilities that will support an exciting and fulfilling student life. If you are able to, come and see us. Explore the campus, meet the academic staff and students, and take the time to make the best decision for you. If you can’t visit the campus, see our virtual tour at www.liverpool.ac.uk/study/openday/virtual-open-day and videos at www.liverpool.ac.uk/study/undergraduate/video for a flavour of life at the University of Liverpool.

Good luck in your search.

Professor Janet Beer
Vice-Chancellor
This is our undergraduate prospectus for 2018 entry, an introduction to the University of Liverpool and an at-a-glance guide to what we offer. We hope it will give you an insight into what it would really be like to study here. To find out more visit www.liverpool.ac.uk/study/undergraduate, or call us on T: +44 (0)151 794 5927, we’d love to hear from you!

Come and visit us at one of our Open Days in 2017:

- **Friday 23 June 2017**
- **Saturday 24 June 2017**
- **Saturday 23 September 2017**
- **Saturday 21 October 2017**

Register here: www.liverpool.ac.uk/openday

If you can’t make it to an Open Day or would like to explore our campus before visiting us, take a look at our Virtual Open Day: www.liverpool.ac.uk/study/openday/virtual-open-day

Join our online community:

- @livuni
- www.facebook.com/UniversityofLiverpool
- UofLTube
- @livuni

View additional content in our augmented reality prospectus...

1. Download the FREE ‘Zappar’ app from the iOS App Store or Google Marketplace to your device
2. Launch the app on your phone or tablet
3. Hold your device over a page that contains the Zappar logo (above) to bring the page to life.
Programme index
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Faculty key
- Health and Life Sciences
- Humanities and Social Sciences
- Science and Engineering

UCAS code: LVRPL L41

Useful contacts

Undergraduate enquiries and applications
T: +44 (0)151 794 5927
E: irro@liverpool.ac.uk
http://ask.liv.ac.uk

University switchboard
T: +44 (0)151 794 2000
www.liverpool.ac.uk/study

Contacts for clinical programmes
Dentistry T: +44 (0)151 706 5298
Health Sciences T: +44 (0)151 794 5799
Medicine T: +44 (0)151 795 4370
Veterinary Science T: +44 (0)151 794 4797

International Advice and Guidance team
E: ist@liverpool.ac.uk
www.liverpool.ac.uk/studentsupport/ist

Student Service Centre
T: +44 (0)151 794 5863
www.liverpool.ac.uk/studentsupport

Tuition Fees Office
T: +44 (0)151 794 6777

Disability Support team
www.liverpool.ac.uk/studentsupport/disability

Money Advice and Guidance team
E: money@liverpool.ac.uk
www.liverpool.ac.uk/studentsupport/finance

Accommodation Office
T: +44 (0)151 795 0319
E: accommodation@liverpool.ac.uk
www.liverpool.ac.uk/accommodation

Useful dates

Teaching year 2018/19
Welcome week: 17-21 September 2018
24 September – 14 December 2018
Exams: 07-25 January 2019
28 January – 05 April 2019
29 April – 10 May 2019
Exams: 13 May – 31 May 2019

Semester One:
24 September 2018 – 25 January 2019

Semester Two:
28 January 2019 – 31 May 2019

If you need any sections of this prospectus in an alternative format, please contact
T: +44 (0)151 794 5927
Our research is challenging
Access to research on a global scale

George Charalambides
Marine Biology BSc (Hons)

"I have seen how my subject impacts not only my local area but the population of the world as a whole."

I particularly enjoy taking part in the fieldwork offered on my programme as it's a great way to get out there into the real-world, get muddy and dirty and jump straight into the field to look at all the things you have been studying and reading about in books.

Through coming to Liverpool I have met not only fellow like-minded students, but lecturers and contacts in the field both locally across the North West region and globally, who have all inspired me to go further into this field both academically and as a profession.

Coming to a university that interacts on a global as well as national scale, has really emphasised the importance of my degree and particularly the importance of marine biology, because I have seen how my subject impacts not only my local area but the population of the world as a whole.

When you first start, you work hand-in-hand with the lecturers. They teach you how to do practical sampling techniques, especially on the first fieldtrips where you go down to the beach to collect rocky shore samples. This all leads up to the final year where you complete projects individually and take the skills you’ve learnt throughout the earlier years to go out there and do a project on your own; plan your work, collect the samples, take them back to the lab and write a paper explaining all your findings.

Being part of a research-led university not only shows you the scale and effect of research developments in the field you want to go into but it also shows you practically what you can go on to do in the future. My lecturers don’t only teach me what I need to know to do well in my degree but they present their research to us in a way that gets us thinking about our own projects.

We engage in ground-breaking research that addresses some of the world’s toughest challenges. By joining a research-led university you will benefit from a high-quality education, learning from inspirational figures who will challenge and encourage you throughout your studies.
Research with real-world impact

We are committed to driving research excellence and innovation on a global scale. With 81% of our research ranked 'world-leading' and 'internationally excellent' in the latest Research Excellence Framework (REF), we are addressing some of the world's toughest challenges.
We are **globally recognised** for our research in...

---

**...Personalised health**  
Liverpool is at the forefront of developing new treatments and methods to create a personalised approach to healthcare. Using our knowledge of clinical pharmacology, genomics and our understanding of diseases, our aim is for every patient to receive the right drugs at optimal doses, maximising efficacy and tolerability, and pre-empting and managing adverse drug reactions. Our research has enabled us to show that personalising the dose to individual patients, based on their genes, age and body weight, can accurately inform dosage and reduce both risk and the time it takes for the medicine to become effective.

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**...Infectious disease**  
Liverpool has been **pioneering research into infection and global health challenges for over 100 years.** We have the expertise to respond to emerging global threats, such as the Ebola and Zika viruses. A key part of our success is our interdisciplinary approach which brings together medical and veterinary science in a seamless way to focus on emerging infectious diseases; new medicines for children; tackling HIV disease in developing countries; providing the latest technologies in genome analysis; enhancing food safety and security; and developing diagnostics, treatments and vaccines for both humans and animals.

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**...Advanced materials**  
Liverpool is **leading in the design of functional materials and changing the perception of what is possible in this field.** Through a series of first-in-class Science and Nature papers we have introduced new classes of materials such as porous organic polymers and molecular organic crystals with high levels of porosity. Porous materials are extremely important for society, finding large-scale uses both in industry and in consumer products, underpinning applications as diverse as catalysis, molecular separations, filtration, adsorption of pollutants, energy storage, battery and fuel cell technology.
Be part of a bigger picture

As a Russell Group institution, research is central to everything we do. What this means for you is your teaching will be informed and delivered by real experts who will challenge you to think beyond the textbook, the lecture theatre or the lab and apply your learning to the world around you. You’ll graduate not only with a degree from a university ranked in the top 1% of institutions worldwide, but with a range of multidisciplinary skills to ensure you stand out from the crowd.

Coming to a university that is research-led has been really important. It means all of the teaching is right up-to-date and relevant. Yes, you can find some of the latest research on your subject in books or online, but hearing it first-hand from lecturers continually studying the evidence makes your degree more relevant, it feels more real and accessible.

Elissa Day
Egyptology and Chinese Studies BA (Hons)
Graduate with global insight

Rachel Hodgkinson
French and Spanish BA (Hons)

“Embrace challenges rather than be scared of them”

The University of Liverpool has offered me opportunities to travel globally, including spending a year in China on a scholarship programme. I spent 12 months studying the Chinese language and during my time there gained valuable experience of a new culture, a new country, so many friendships, and once in a lifetime moments.

My favourite memory is spending a week at a panda centre training as a panda carer. I got to feed, clean and look after the pandas and learn more about these amazing animals, which is a really unique experience that I didn’t think I would ever have!

Going to another country for a year is a scary thought, but getting out of your comfort zone means that you learn to embrace a new lifestyle, new traditions and a new way of living. It means that you increase your confidence, expand your skills and become more tolerable of doing things differently. You develop ways of coping with new situations without panicking and this shows employers that you have the capacity to integrate with people from all backgrounds, adapt to new situations and embrace challenges rather than be scared of them.

When I graduate, I want to go into teaching and encourage the learning of languages and celebration of culture and diversity. Part of my time spent in China has shaped what I want to do with my future and I believe has given me the skills to get to where I want to be.

Good to know:

- Ranked 9th highest UK university for students choosing an off-campus study experience.
- A global network of 211,000 alumni in 171 countries.
- UK university to establish a joint venture university in China.
- 211,000 First
We are a global university with partnerships across the world, from our partner university in China to our campus in London. Join the University of Liverpool and these networks will open opportunities to travel, study abroad and make your own worldwide connections.
Our aim is to support our students as they become highly employable, creative, and culturally rich graduates, with the capacity to find employment that will enable them to be agents for change in a connected world.

We have students all over the world studying for a University of Liverpool degree: on our campuses in Liverpool, London or Singapore, at our joint venture University in China or online. This connectivity means that all of our students gain an international experience, either within the classroom studying alongside international students or by taking advantage of our distinctive opportunities to study abroad.

Our international connections

XJTLU
The University has partnered with a top 10 Chinese university (Xi’an Jiaotong University) to create a prestigious and innovative joint venture, Xi’an Jiaotong-Liverpool University (XJTLU). As well as their Chinese degree, students from XJTLU gain a degree from the University of Liverpool and can choose to complete two years of their degree here.

In addition, Liverpool students can opt for a study abroad experience in China by taking a semester of their programme at XJTLU (certain subjects only); attending a Summer School in China; or, for the majority of subjects, by extending their Liverpool programme to spend a year studying Chinese history, language, culture and politics at XJTLU, under the ‘Year in China’ initiative.

XJTLU is located in Suzhou, one of the ancient capitals of China, close to Shanghai and affords Liverpool students a unique opportunity to gain valuable international experience both in their Liverpool classrooms or via studying abroad within a Liverpool academic environment.

For more information about these exciting opportunities, see page 24 and www.liverpool.ac.uk/yearinchina

Being part of a 'global university' means there are so many amazing international experiences to take part in and learning with students from all over the world gives you a new perspective on your subject. My study abroad experience was life changing and I can share the insight I have gained with my peers.

Priscilla Etornam Selly
Psychology BSc (Hons)
Good to know:

2,750

undergraduates from XJTLU are completing part of their degree at Liverpool, bringing a truly international flavour to our campus.

Singapore Institute of Technology (SIT)
SIT is Singapore’s 5th university and works in collaboration with leading universities around the world to provide specialist programmes to meet the diverse needs of the Singapore economy. The University of Liverpool is proud to offer a BA degree in Criminology and Security through SIT in Singapore.

Liverpool online
As Europe’s largest provider of wholly online degrees through our partnership with Laureate Online, our portfolio now includes 22 postgraduate programmes and two professional doctorates – giving almost 8,000 students from across the globe the opportunity to take advantage of Liverpool’s teaching excellence without leaving their homes, jobs and families. Find out more www.liverpool.ac.uk/study/online

Study abroad partnerships
The University has over 120 partnerships with prestigious universities around the world to offer our students the opportunity to study abroad through the Erasmus+ or worldwide study abroad programme. For more information see page 22.

University of Liverpool in London
The University of Liverpool in London offers a suite of professionally focused postgraduate programmes in the heart of the capital. London is a global hub at the centre of professional, cultural, government and academic networks, so our campus is ideally located. Growing links to the professions and industry allow opportunities for placements and enhanced career support from one of the UK’s leading employability teams.

For further information and to watch a film about our London campus see www.liverpool.ac.uk/london
I spent five great years at the University of Liverpool. There are so many things to do on and off campus it makes it almost impossible to not enjoy it here. I have met wonderful people, world-renowned academics and made lifelong friends. Liverpool is multicultural and diverse; it possesses all the qualities of a great city; countless restaurants, visitor attractions, cafés, bars, concerts and many other events.

Vartan Balian
Medicine and Surgery MBChB student from Armenia
As a truly global university, we currently have 7,500 international and EU students from 125 countries around the world. If you join us you will enjoy an amazing, life-changing student experience in a diverse international community with a rich cultural mix.

**Liverpool: an international study destination**

**Worldwide reputation for excellence**
- Ranked joint 9-15 in the UK (Academic Ranking of World Universities – Shanghai Jiao Tong University’s Institute of Education)
- Member of the Russell Group (top 24 UK research-led universities)
- More than 75% of our international students receive a First or 2.1
- Our pioneering global partnerships offer distinctive opportunities to study abroad as part of your Liverpool degree or to study a degree in London, China, Singapore or online.

**Outstanding experience for international students**
- Personalised and supported entrance into the UK
- Wide range of scholarships available
- 2nd most affordable student city in the UK
- Competitive tuition fees
- Compact campus at the heart of a safe city
- Our student:staff ratio is the 9th best in the UK and the 7th best in the Russell Group (Guardian University Guide).

**Great career prospects**
- 88% of international graduates are employed or in further study within six months of graduating
- One of the top 18 UK universities targeted by global employers
- Dedicated careers advisers for international students
- Award-winning Careers & Employability Service on campus.

We currently have over 7,500 international and EU students...

...from 125 countries.

88% of international graduates are employed or in further study within six months of graduating.

We are in the top 1% of universities worldwide for internationally recognised research.
Support for international students
International Recruitment, Relations and Study Abroad team
Our International Recruitment, Relations and Study Abroad team (IRRSA) is responsible for providing information and advice to international students before you get to the University. This includes guiding you through our entry requirements and the admissions process, informing you of opportunities for scholarships and sending relevant information at the right time to help you prepare for your studies in Liverpool.

For more information about international fees, scholarships, overseas representatives and entry requirements you can download our specific international publications at www.liverpool.ac.uk/international/connect/publications

Connect with our current international Student Ambassadors
Whether you want to know what it is like studying at Liverpool or what to pack in your suitcase, our Student Ambassadors are happy to answer your questions and share their experiences. Take a look at their profiles at www.liverpool.ac.uk/connect

Welcome to Liverpool!
To ensure you arrive safely in Liverpool, we organise a free ‘Meet and Greet – Airport Transfer Service’ from Manchester Airport.

This service is available to bring you from the airport to campus for three days just before the start of Hello International (HI), our orientation and induction programme during Welcome Week. This programme of activities and events contains specialist sessions and talks for international students to ensure you; fulfill immigration requirements, register on time, make new friends, get to know the city and settle into campus life quickly.

International Advice and Guidance team
The International Advice and Guidance team are located in the University’s Student Services Centre at the heart of campus and provide a central point of contact for any issues you face as an international student at any time throughout the academic year. Staff can provide advice relating to immigration, finance, accommodation, study and any personal issues you might have. See www.liverpool.ac.uk/studentsupport/international

English language requirements
As well as meeting academic requirements, all students (including UK) must have an acceptable English language qualification such as IELTS. School level English language qualifications from some countries are acceptable in lieu of these international tests and general guidelines can be found at www.liverpool.ac.uk/international/countries/english-language. The level of English required varies depending on your chosen programme of study.

English Language Centre
If your English test score is below the required entry level for your chosen degree programme you can attend one of our English Language Centre’s English for Academic Purposes (EAP) Pre-sessional courses, before you commence your studies.

We offer a range of specially designed courses in English from intensive short courses (6 weeks) to all year round study (40 weeks). Delivered by highly experienced staff our programmes can improve your English by up to two IELTS bands over a 29 week course and by half a band over a six week course.

The classes will also prepare you for listening to lectures, participating in academic seminars, reading academic papers, and writing essays and reports.

For most of our degree programmes if you successfully complete one of our Pre-sessional courses you will not have to retake an IELTS test. There will however be an assessment in each competency (reading, writing, speaking, listening) in order to ensure progression onto your main academic programme.

The English Language Centre also offers free In-sessional English language classes to all international students who would like additional English language support throughout the academic year whilst at the University.

Full details of the English Language Centre’s activities can be found at www.liverpool.ac.uk/english-language-centre
Pathway programmes
International students whose school leaving qualifications are not eligible for direct entry to the University can undertake a foundation pathway programme to provide an entry route onto many of the undergraduate programmes.

In conjunction with our partner organisation, Kaplan International Partnerships, we have an embedded college on campus, Liverpool International College (LIC), which offers foundation pathway programmes.

Liverpool International College (LIC)
LIC, based on the University campus, provide two different Foundation Certificate options leading to entry onto a wide range of our undergraduate programmes:

- Foundation Certificate in Business, Law and Social Sciences
- Foundation Certificate in Science and Engineering.

Upon successful completion of a Foundation Certificate programme to the required academic level, you will be guaranteed progression to the first year of undergraduate study at the University of Liverpool. For further information please see www.liverpool.ac.uk/lic

Kaplan also offer global foundation programmes in Nigeria and South Africa which offer progression onto a range of University of Liverpool programmes. For more information, please see www.kic.org.uk/pathways/

Tuition fees and the cost of living
Full details of tuition fees for overseas students for 2018/19 can be found on our website at www.liverpool.ac.uk/study/international/ money-and-scholarships

In addition to paying your tuition fees you must also show you have enough money to cover our living costs. The good news is Liverpool has been ranked the 2nd most affordable UK city for students. We estimate that to cover your living expenses you will need between £8,000 and £10,000 per year, depending upon your lifestyle.

Visas
Most international students from outside the EU will need a visa to enter the UK. The majority of students coming to the University will need a Tier 4 general student visa and you must obtain your visa before you enter the UK. For details on how to apply for your visa see www.liverpool.ac.uk/studentsupport/international/visas/ or www.gov.uk/tier-4-general-visa/overview

Contact us
International Recruitment, Relations and Study Abroad Team
The Foundation Building
Brownlow Hill, Liverpool L69 7ZX
United Kingdom
T: +44 (0)151 794 6730
E: irro@liverpool.ac.uk

English Language Centre
T: +44 (0)151 794 2722
F: +44 (0)151 794 2739
E: elc@liverpool.ac.uk
Study abroad is an amazing opportunity to spend either a part of your Liverpool degree or some of your summer vacation abroad through our network of exchange partner universities in the USA, Canada, Asia, Australia or Europe.

Why study abroad?

- Our students report that they develop and enhance a number of important life skills while they study abroad, including self-reliance, confidence and problem-solving skills.

- Study abroad is your chance to explore a new country and become part of a local culture. It is also a great opportunity to travel to nearby countries, expanding your cultural horizons.

- Our carefully selected exchange partnerships, with some of the best universities in the world, offer students the chance to study modules that you can’t study in Liverpool.

- Students who participate in study abroad often obtain better marks compared to non-mobile peers.

- Study abroad students often use their exchange in their job hunt, using their experience to make them stand out in interviews for internships and jobs.

- Students who participate in study abroad are more likely to earn a higher than average salary.
Opportunities to study abroad

Semester abroad
Study abroad for one semester (around 4-6 months) in either Year Two or Three, depending on your programme. Choose from studying in Europe on our Erasmus+ programme or at one of our partners across the world in destinations such as Hong Kong, China, Malaysia, the USA, Canada or Australia.

Year Two @ XJTLU
Students on certain Liverpool programmes can spend their second year of study at Xi’an Jiaotong-Liverpool University (XJTLU), our English speaking joint venture in China. This year replaces your second year at Liverpool and you would take classes from your degree subject area only.

Year in China
Spend a year at our joint venture Xi’an Jiaotong-Liverpool University (XJTLU) in China. Whilst at XJTLU (a fully English speaking university), you will follow classes from their BA China Studies programme learning about Chinese language, culture, society and politics. This option will add an extra year to your degree and your degree title will change to ‘[Subject] with a Year in China’.

Summer abroad
Summer programmes are a great way to get a taster for study abroad and experience international mobility for a shorter period of time, without adding any time to your degree. If you decide to take this option you will usually participate either in a summer school or a research project at destinations including China, Hong Kong, Peru, Denmark and France.

Year Abroad in Modern Languages
Students in Modern Languages and Cultures spend a year abroad as part of their four-year programme.

Clinical rotations/placements
Students in Veterinary Science, Occupational Therapy and Physiotherapy have the opportunity to apply to take rotations/placements at some of our Erasmus+ partner universities.

Visit the study abroad website www.liverpool.ac.uk/goabroad to find out more about the opportunities and practicalities, including the support available, and to read the profiles and blogs of students who have benefitted from this extraordinary opportunity.

Please note: participation in the Erasmus+ programme is dependent on the outcome of the upcoming Brexit negotiations.

Studying abroad was one of the best decisions I made at university. Academically it gave me the chance to study under another university system and get a different perspective on my degree. One semester will allow you to have some of the best times of your life!

Alice Hirst
History BA (Hons), studied abroad at Monash University, Australia
Xi’an Jiaotong-Liverpool University

Liverpool is unique in having established a joint Sino-British university, Xi’an Jiaotong-Liverpool University (XJTLU), in China, in collaboration with the prestigious partner Xi’an Jiaotong University.

XJTLU is an ultra-modern campus located in the Higher Education Town (HET) in Suzhou, only 30 minutes from Shanghai by bullet train.

Through this special partnership, we are able to offer students, from a wide range of subject areas, the life-changing opportunity to spend time studying in China, one of the world’s most important economies.

You can study at XJTLU on one of the following options:

**Year in China**
The Year in China is our flagship opportunity for Liverpool students to experience and understand this amazing country. Combine your normal Liverpool degree programme with an extra year spent studying classes on Chinese language, politics and culture at XJTLU.

This fantastic opportunity is open to nearly all degree programmes at the University, to find out which look out for this symbol 🎓 in the programme pages (pages 58-291). See [www.liverpool.ac.uk/yearinchina](http://www.liverpool.ac.uk/yearinchina) for more details.

**Study abroad at XJTLU**
Students from selected departments can choose to replace a semester, or their second year of study, with one at XJTLU. Students studying Chinese Studies in Modern Languages and Cultures spend a year studying at XJTLU as part of their four-year programme. See [www.liverpool.ac.uk/goabroad](http://www.liverpool.ac.uk/goabroad) for more details.

**XJTLU Summer School**
Students from any degree programme can apply to the XJTLU Summer School, learning Chinese language. Liverpool students receive a 30% discount on the tuition fees.
We provide our staff and students with the best intellectual, social and physical environment in which to conduct research, teach and learn. You will benefit from our supportive, high-quality facilities designed to enhance both your time here and future after you graduate.

“The University of Liverpool is where I found my voice.”

At University it is important to go somewhere to excel academically, but equally important is the experience. This is something that at first I didn’t consider, I was thinking more about ‘what career am I going into’ and worrying that I needed to know exactly what I wanted to do. However, I have found that you can take a step back, take a breather to explore and find out what it is that interests you and what it is that makes you who you are. I’ve definitely grown up so much since coming here.

An important part of the extracurricular university experience are the societies; no matter what your interests are, you can find people that are like-minded and want to talk about things that you are passionate about. Being in a community and having people that will always be there to support you is, I feel a fundamental part of university life.

Liverpool has so many institutions and organisations that students can get involved in to complement their studies. I am currently completing a placement at FACT, in partnership with Picturehouse Cinemas, working with art and creative technology. This opportunity has been fantastic for me as it is the field that I am hoping to go into after graduation and it has also given me the chance to develop networks with professionals working in this area.

There is a lot of misconceptions about student life, one is that you just sit in lectures and listen. Once you are here you learn to develop your own voice, your own sense of being and even though there are people who will influence how you feel and how you think, it ultimately is about you and what you decide. The amazing thing about university is that you have the chance to make change happen, and get involved with so many things. The University of Liverpool is where I found my voice.

Make change happen

Amy Locke Dench
Sociology and Film Studies BA (Hons)

Good to know:

Awarded best Students’ Union at the NUS Awards 2016.

£600 million
Invested £600 million in our campus.

Top 18
One of the top 18 UK universities targeted by global graduate employers.
Our people are
Prepare for your future career

Our award-winning Careers & Employability Service is here to help you make the most of your time at the University by providing a range of expert advice and information to give you a head start in the graduate job market. But don’t worry if you don’t yet know what you want to do after graduation. Clued-up or clue-less, we’re here to help. After all, it is your career we’re talking about.

Studying at the University of Liverpool brings with it numerous career benefits. Supporting you all the way will be the University’s Careers & Employability Service – one of the UK’s most innovative and dynamic university careers services. So you can be confident that you are making a sound decision for your future career by choosing us.

Enhance your employability
Being employable is about attitudes and skills, confidence and drive – it means being able to choose a career, apply effectively and be successful. As the world of work changes and organisations evolve, employers are increasingly searching for graduates not just with a degree but with the right blend of skills, knowledge and experience – graduates who can make a difference in any situation.

That’s why at Liverpool we are focused on developing your employability while you are studying in preparation for life after graduation.

Services and resources
Our Careers & Employability Service supports students and graduates across all subjects. Each academic department has a dedicated careers adviser, and as a student, you will have full access to our up-to-date resources in the Careers Resource Centre, situated on campus, or on our website www.liverpool.ac.uk/careers

Your careers toolkit
Includes:
- A comprehensive programme of careers related seminars, workshops, fairs and recruitment events
- Support in finding work placements and internships in the UK and overseas
- Access to a wide range of job opportunities
- Opportunities to meet organisations keen to recruit Liverpool students and graduates
- Support from our team of professional careers advisers.

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- Opportunities to meet organisations keen to recruit Liverpool students and graduates
- Support from our team of professional careers advisers.
Not that we’re complacent, we are constantly looking to improve our services and develop our expertise to support students during and after their time with us.

**Work experience**
A good degree from the University of Liverpool will open a lot of doors, but these days employers are interested in graduates who have more than just an outstanding academic record and can demonstrate they have the skills needed in the ‘real-world’. We can help you find opportunities specifically designed for university students.

These include:
- Part-time jobs
- Paid Summer and Easter internships
- Year in industry placements.

**My Liverpool**
My Liverpool is our online portal where you can search for extra-curricular activities to complement your studies and to develop the skills needed to increase your employability. Whether you are interested in mentoring, taking an additional course, learning a new language, being a Student Representative, joining a sports club or a society, you can find out about all of these at [www.liverpool.ac.uk/my-liverpool/](http://www.liverpool.ac.uk/my-liverpool/)

**Talent Sourcing: Graduate Recruitment**
As a member of the Russell Group, studying at Liverpool gives you direct access to an extensive range of national and international recruiters.

At Liverpool we have a dedicated Employer Engagement Team who promote Liverpool students and graduates directly to some of the world’s leading recruiters. Last year, around 300 employers visited the campus to recruit Liverpool students, and we advertised thousands of placement, internship and graduate vacancies on the Careers & Employability Service website.

**Find out more**
Careers & Employability Service
T: +44 (0)151 794 4647
E: careers@liverpool.ac.uk
[www.liverpool.ac.uk/careers](http://www.liverpool.ac.uk/careers)

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The University of Liverpool offers a diverse range of subjects coupled with extensive extracurricular activities that produces a large pool of talented individuals with a broad range of skills. As an employer with 1,200 graduate and undergraduate opportunities we relish the opportunity to target these quality students who we hope will add to the eminence of our organisation.

A spokesperson from Deloitte, one of the top four UK professional service firms

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**Good to know:**

One of the top 18 UK universities targeted by global graduate employers in the latest Global Employability Ranking.

95% of our UK undergraduate students are employed or in further education within six months of graduating.

9 out of 10 of our students use the Careers & Employability Service, making it one of the most popular and best-used amongst the UK’s top universities.
When you graduate you join a global community of more than 211,000 University of Liverpool alumni with access to a network of Ambassadors and Alumni Associations designed to support you wherever you are in the world.

Our alumni programme is not just designed to assist you during your transition from student to graduate but to help you to build a rewarding lifelong relationship with the University.

With our support you will be able to forge relationships that can help you develop your career, opening up new opportunities with like-minded professionals, forming new friendships, and building invaluable social networks.

You will also have access to a wide range of benefits and services, including Continuing Professional Development, volunteering opportunities, and exclusive discounts and event invitations.

Liverpool is also one of the only universities in the Russell Group that offers free online journal access, with both Emerald and JSTOR available through the alumni website. On top of all this, you will receive a regular e-newsletter and a copy of our alumni magazine, enabling you to keep up to date with news and views from Liverpool.

For more information visit www.liverpool.ac.uk/alumni

Watch our graduation film at www.liverpool.ac.uk/study/undergraduate/courses/video

Good to know:

Our alumni include...

...the first female Director-General of MI5

...James Stirling, whom the Stirling prize for Architecture was named after

...a Nobel Peace Prize winner
...the first Chief executive of Hong Kong

...the first female judge to sit at the Old Bailey

...a former Poet Laureate

and a BBC presenter.
Music on campus

Liverpool is a city full of music. The campus is bursting with the musical activities of students of all instrumental and vocal abilities. Anyone can enjoy making music at the University of Liverpool.

For classically minded musicians we have the University Symphony Orchestra, and the Chamber Orchestra. Between them, these two orchestras generate at least six concerts a term. The Chamber Orchestra, in particular, performs in local and international outreach projects, in local schools and colleges and various campus functions. It also undertakes an annual tour of Normandy and takes paying gigs around the country.

Liverpool University Music Society (LUMS) develops ensemble musicianship in all standards of musicians; Band Society allows students to form bands and play at the best venues in the city. Then there’s the Folk Society, the Big Band for jazz and swing enthusiasts, the Flute Choir, the Brass Band, the University Singers and the Chamber Choir.

But of course, as Liverpool students you are encouraged to innovate, to form new societies or reshape existing ones, and help to make your mark on the constantly changing musical life of both the campus and the city.

The Department of Music hosts many events open to the public, with a regular lunch-time concert series and research colloquia. See www.liverpool.ac.uk/music for up-to-date listings.
Languages at Liverpool

Learning a foreign language develops your cultural awareness, opens up new career fields and makes you stand out in a competitive global economy.

At Liverpool, all students can learn a new language in a number of ways:
- As a named degree programme specialising in language and culture
- Within your degree as a credit-bearing minor subject
- As a non-credit bearing, standalone unit on top of your degree.

You can learn French, German, Chinese (Mandarin), Italian, Spanish, Portuguese, Basque or Catalan. Our courses are available at beginner, intermediate or advanced level.

Today’s society is increasingly globalised, which means that managing relationships across countries and cultures is often essential for organisations to thrive. Graduates who speak another language are therefore in high demand, in roles that extend well beyond interpretation and translation to encompass all elements of business transaction, international cooperation and politics.

For more information and to see which option is best for you visit www.liverpool.ac.uk/languages or E: language@liverpool.ac.uk
When you come to the University of Liverpool, you’ll have the opportunity to try a whole range of different sports and activities as well as developing any existing skills you already have with our dedicated and growing team of expert staff.

**Excellent facilities**
Sport Liverpool offers you space, facilities and support to enjoy a fantastic range of activities, meet new people and have fun, all for a great price.

**On campus**
Our Sport and Fitness Centre gives you access to:
- 25 metre swimming pool and shallow pool
- Two sports halls
- Four squash courts
- Dance and spinning studios
- Bouldering wall
- Sports Café
- Supportive staff and personal training sessions to help you achieve your fitness and wellbeing goals.

Add these to a comprehensive fitness suite and weight training, and we have some of the best facilities and services university life can offer.

The Sports and Fitness Centre offers organised group exercise classes including Spinning, Pilates and HIIT. We also provide Les Mills BodyPump, BodyBalance and GRIT classes. These are available to suit all levels of ability, providing individuals and groups with the opportunity to participate in a range of recreational exercise, dance and sporting activities.

**Off campus**
Few university sports grounds can match the number of quality outdoor sports facilities at the University of Liverpool. At our Wyncote Sports Ground we have:
- 10 football and four rugby pitches
- One lacrosse pitch
- Floodlit hockey astro, football 3G pitch and 3G rugby training area.

**Value**
At Sport Liverpool we offer so much more than just flexible, competitive membership fees. We tailor our facilities, classes, advice and services to our members, so whether joining as part of a team, a class, or simply meeting your own fitness goals we can offer you real support.

**Wellbeing**
We understand that looking after your fitness can not only help you look good, but make you feel great too. Feeling fit and healthy can help with managing the stresses and strains of everyday life, and lead to improved performance at work, or even better academic results. So our approach to wellbeing is not just about sport, it’s about helping you develop a mind-set, a real work life balance that enables you to get to where you want to be.
Community
Sport is and should be fun, whether you are taking part or spectating. As well as offering you the chance to join in and compete at all levels, our Athletics Union also means you can really get behind team Liverpool too. There’s a real community feel to our facilities and lots of opportunities to socialise and make new friends.

Something for everyone
Sports are available at three levels:
- **Club Sport.** Join one of our 51 student-led sport clubs most of which represent us in the British Universities and Colleges Sport leagues (BUCS) and with the majority of clubs accepting beginners now is your chance to try something completely new!
- **Campus Sport.** Campus Sport provides students and staff with the opportunity to take part in sport at a recreational level. There are internal leagues in football, netball and hockey and also casual opportunities to play organised badminton, basketball, futsal, volleyball and table tennis. The University’s Campus Football programme is the first in England to be accredited through the FA’s Charter Standard
- **Casual Sport.** Keep fit and enjoy the sports that you love on an informal basis.

Elite Athlete Scheme
The Elite Athlete Scheme is designed to support the very best student athletes in any sporting discipline who are competing at a Junior, Under 21 or Senior International level. For more information and/or an application form visit our website or E: sfc@liverpool.ac.uk

Find out more
For general information call
T: +44 (0)151 794 3307/4126
For membership information call
T: +44 (0)151 794 3314/4126
www.liverpool.ac.uk/sports
@sportliverpool

The University Sports and Fitness Centre has always been a popular venue but with a £5 million refurbishment, it’s now better than ever!
As soon as you join the University of Liverpool, you automatically become a member of the Guild of Students – your students' union. From your first day as a student and throughout your university years, it’s our job to make sure you enjoy your time with us. We are led by students, and we make sure you’re at the heart of everything we do.

The Guild is proud to offer something for everyone. From activities to advice and campaigning to volunteering, it’s all here at your fingertips and will definitely enrich your University experience.

Sean Turner
President – Liverpool Guild of Students 2016/17
Advice
www.liverpoolguild.org/advice
We offer free, confidential and independent advice on academic issues to all University of Liverpool students.

We can support you with any problems you face during your studies – whether it’s guiding you through the University’s disciplinary or academic procedures, helping you to appeal your results, or making a claim for mitigating circumstances.

There’s lots of help available to you, and if we can’t give you the answers you’re looking for, we will point you in the direction of the people who can.

Change it
www.liverpoolguild.org/main-menu/change-it
Got an idea to improve things for you and your fellow students? Tell us and we can help you make a change for the better. Our democracy structure is easy to get involved in.

Students have successfully used our Change It system in the past including improving the dietary information on our menus and introducing a preferred name option on all University and Guild documentation – so the power really is in your hands.

Course reps
www.liverpoolguild.org/coursereps
So you start your course and find yourself full of ideas for how it could be even better. Great stuff – become a course rep! Course reps work with staff and fellow students to identify and discuss issues which affect their course, and look for solutions.

They go to relevant Staff Student Liaison Committees (SSLCs) to talk about their course and their input helps to improve the quality of the academic experience for themselves, their peers, and future students.

As well as changing your studies for the better, being a course rep will give you useful CV boosting skills which will appear on your My Liverpool report, and it’s a great way to meet new people.
Green Guild
www.liverpoolguild.org/greenguild
Our Green team provide students with opportunities to think green and become more sustainable. They run lots of student-led volunteering and social enterprise projects throughout the year where you can learn loads of new skills.

Eat and drink
Take a break and enjoy hot or cold food options from our Courtyard or Sphinx Bar, or if you’re on the move, grab a snack from our Guild Shop (you can even warm it up using our microwaves if you like!).

Enjoy a drink in one of our four bar spaces, or take a break at our Starbucks coffee shop franchise or Courtyard area!

Halls Student Committees
www.liverpoolguild.org/main-menu/representation/halls
Our Halls’ Student Committees (HSCs) make sure that all students living in halls have a great time by organising plenty of exciting trips and events you can enjoy throughout the year. Events organised include Children in Need parties, Christmas and Halloween film nights, and trips all over the country.

The HSCs also represent halls students on any issues they have, and make sure their views are heard by the University of Liverpool.

Learn
New cooking and dancing skills with fellow society members in the shake and bake room – a quirky spot where you can perfect your pirouettes and whip up a culinary storm within the same four walls.

Give it a go
www.liverpoolguild.org/giag
Exactly what it says on the tin! It’s time to experience, experiment and explore. We have a programme packed with activities and events you can get involved in – from skills and training courses to fun filled trips around Liverpool and the rest of the UK.

Student Officers
www.liverpoolguild.org/main-menu/about-us/your-officers
Four officers are elected by all students in a vote each year. Once elected, they help you get involved, have fun, and make the most of your university experience.

It’s their job to work with Guild staff and volunteers to help shape the work of the organisation and work out what our priorities are.

They lobby the University, the City and other organisations to represent your thoughts and opinions on your University experience. We attend councils, forums and Trustee Board meetings throughout the year to make sure these are heard and action is taken to make positive changes.

Party
To the superb sounds of live music in our bar and night club areas. Among your suite of party spaces is the Mountford Hall – the second biggest concert arena in Liverpool which has already been a stage for The Killers, Queen, Led Zeppelin, The Smiths, Jamie T and Example.

Shop
For those all-important University of Liverpool goodies from our Merchandise Shop – we’ve got everything from hoodies to calculators and mugs to USB sticks.

You can pick up stationery, food and household essentials from our Guild Shop. We also offer a CollectPlus service so you can have your parcels delivered directly to our shop.
Societies
www.liverpoolguild.org/groups
From Geography to Gaming. Poker to Politics. Sociology to Salsa. We give students the space and resource to come together with people who share the same interests.

Whether you’re keen to pursue a current hobby or want to start doing something new, we have over 200 societies for you to get involved in. And if we don’t have what you’re looking for – start a new society! We’ll support you all the way.

Volunteering
www.liverpoolguild.org/volunteering
We run lots of our own volunteer projects to give you the chance to boost your skills, self-esteem and the wider Merseyside community.

You can volunteer:

With young people
Help to teach young people the joys of science and all things green and improve your own people skills in the process.

In the community
Cook and serve tasty, nutritious meals to vulnerable groups of society and help reduce the amount of reusable items we send to landfill.

Across our campus
Boost your gardening skills, improve your energy awareness, share your green knowledge with others and make sure our campus stays top of the eco-friendly class.

For charity
Take part in fundraising and volunteering projects with one or more of the local charities we work with.

Watch
Sporting events on big screens in our bar areas, films and documentaries in our cinema room. If you’d rather see a live show, there will also be lots of comedy and live music nights to enjoy. You can also come along to the Stanley Theatre and enjoy entertainment from our performing arts societies.

Contact details
www.liverpoolguild.org
T: +44 (0)151 794 6868
E: guildweb@liverpool.ac.uk

www.facebook.com/liverpoolguild
@LiverpoolGuild

@livuni
www.facebook.com/UniversityofLiverpool
@livuni

UofLTube
Accommodation

Our Halls of Residence offer students a comfortable and safe setting with a strong residential support network on hand at all times. These close-knit communities help new students to integrate by providing exclusive social events where lifelong friendships will be made.

Accommodation options

Student Villages
Carnatic and Greenbank Student Villages are home to a thriving community of exclusively first-year undergraduates with a vibrant social scene. Many events are hosted on the spacious grounds and various communal spaces located at the two sites, from sports clubs and society meetings to formal dinners. Both Villages have full WiFi access and are located in the leafy residential area of Mossley Hill, a short bus ride from the main campus.

Greenbank Student Village
With its historic parkland and listed mansion house, Greenbank Student Village comprises a lively community of approximately 700 students, with self-catered en-suite accommodation. Recently fully refurbished, Greenbank’s facilities include a mini-gym and outside tennis courts, with large green spaces for summer activities.

Carnatic Student Village
Carnatic consists of five individual Residences totalling around 1,100 students who enjoy the central restaurant and bar as well as other amenities, including a music room and communal study rooms.

Campus residences
Students who live on campus are within walking distance of the University academic departments and recreational facilities as well as the city centre.

Crown Place, Philharmonic Court and Vine Court
These modern Halls of Residence offer students a high standard of accommodation and are extremely popular with current students. Study bedrooms are all en-suite with WiFi connection and shared kitchen and lounge areas. There are laundrettes, outdoor social spaces and communal chill-out spaces, along with an excellent restaurant at Vine Court.

Crown Place: 1,250 first-year students
Philharmonic Court: 350 first-year students
Vine Court: 450 first-year students and 300 postgraduate students

Melville Grove
This Hall houses around 330 first-year students and has recently undergone a huge programme of refurbishment. Rooms are self-catered with shared kitchen and bathroom facilities which are maintained regularly by our staff.
# 2017-18 fees

See [www.liverpool.ac.uk/accommodation](http://www.liverpool.ac.uk/accommodation) for the latest fees.

<table>
<thead>
<tr>
<th>Site and name of hall</th>
<th>Contract length (Wks)*</th>
<th>Weekly rate (£)</th>
<th>Annual rate (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Carnatic Student Village</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C Lady Mountford House</td>
<td>39</td>
<td>144.90</td>
<td>5,651.10</td>
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<tr>
<td>C Morton House</td>
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<td>C Rankin Hall</td>
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<td>C Salisbury Hall</td>
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<td>C McNair Hall</td>
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<tr>
<td><strong>Greenbank Student Village</strong></td>
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<td>S Derby and Rathbone Premier</td>
<td>39</td>
<td>158.69</td>
<td>6,188.91</td>
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<td>S Derby and Rathbone Studio</td>
<td>39</td>
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<td>6,882.33</td>
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<tr>
<td><strong>Campus</strong></td>
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<td>SE Crown Place Deluxe</td>
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<td>SE Vine Court Premier</td>
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<tr>
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<tr>
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</table>

*Please note: 39 week contracts are for Year One undergraduate students and 51 week contracts are for postgraduates.*

**Catered or self-catered?**

Staying in catered halls can make the transition of moving away from home and settling into student life more manageable as you don’t have the added worries of shopping and cleaning up after meals. You will be able to choose either a continental or freshly-cooked breakfast each morning as well as a three-course evening meal, with vegetarian and special diet options also available.

Mealtimes are a fantastic chance to catch up with friends and as the catered package is included in the price of the room, you won’t have the hassle of budgeting for food.

Self-catered accommodation is becoming increasingly popular with students at Liverpool and this has been a focal point for the University’s investment into its Halls of Residence. Self-catered rooms are located at Greenbank Student Village and on campus.
Accommodation Guarantee
We guarantee University accommodation to students who have firmly accepted an unconditional (UF) or conditional firm offer (CF) of study at Liverpool and have applied for their accommodation by 31 July 2018. The accommodation team will ask for your three preferences as a guideline but cannot guarantee these choices. It is strongly recommended that applications are submitted as early as possible. Students who have accepted a conditional insurance (CI) offer should also apply as soon as possible as we are often able to offer them accommodation, however, these students do not fall inside the guarantee.

If you apply after the guarantee deadline and there are no rooms left in University accommodation, Liverpool Student Homes (LSH), a joint initiative between the three universities in Liverpool, will be able to offer you advice and support in finding appropriate accommodation in the private sector.

What’s next?
Once you have received an offer to study at the University of Liverpool, and have received your student ID number, you will be sent an email invitation to submit your application for accommodation through our online student portal. You will not receive a room offer until your place of study has been confirmed. For most students, this will be the Monday following A level results day.

Please note: room offers are sent via email, so please ensure you have access to your email at this time.

Contact us
Accommodation Office
Crown Place, 202 Brownlow Hill
Liverpool L3 5UE
T: +44 (0)151 795 0319
E: accommodation@liverpool.ac.uk
www.liverpool.ac.uk/accommodation
Living in Liverpool

Good to know:

- Over 4,500 rooms on campus and at our Student Villages
- Dedicated ‘699’ bus service runs from the Student Villages to campus = three mile journey
- Student Health Centre on campus
- En-suite rooms are available at Greenbank Student Village and on campus
- 3-8 students per kitchen in self-catered accommodation

Typical living costs*

- Private sector accommodation: £300-£540
- Travel: £0-£80
- Food: £50-£200
- Mobile phone: £5-£30
- Leisure/entertainment: £30-£100
- Study costs: £10-£20
- Laundry: £0-£20
- Household bills: £0-£80. Free if in University accommodation.
- Gym membership: £15-£30. Free for Carnatic and Greenbank Student Villages in the off-campus gym.

*Typical costs per month
Learning resources

Investing in the student experience is important to us, so your studies will be supported by the very latest technologies, facilities and resources.

**The University libraries**
- Two million books
- 65,000 electronic journals and online access to most major databases
- 680,000 contemporary electronic books including academic e-books, reports and conference proceedings
- Extensive special collections, such as the largest Science Fiction collection in Europe, plus rare books and manuscripts
- Electronic resources can be accessed from any computer and most mobile devices
- 24/7 access on or off campus to the library catalogue, our electronic resources, the programme notes your department has put online and a fantastic array of learning materials
- Both the Sydney Jones and Harold Cohen libraries are open 24/7 throughout the academic year
- Computer and study space
- Laptop loan service
- Staffed helpdesks
- Zoned workspaces to provide silent, quiet and group study space.

**IT services**
- 24-hour service desk to help you get the most from our IT resources
- 20GB of secure file space to save your work throughout your studies
- 2,000 computers available across campus
- High speed WiFi service for laptops, tablets and mobiles
- 24/7 computer access in libraries
- Free software to install on your own computer, including Microsoft Office and antivirus software
- Off-campus services including apps like Mobile Learn give you access to your resources wherever you are from your smartphone or tablet
- Activate your account when your place is confirmed to access University email and IT resources before you arrive.

[www.liverpool.ac.uk/library](http://www.liverpool.ac.uk/library)
Online learning environment

Virtual Interactive Teaching at Liverpool (VITAL) supports learning and teaching activities online. This enables quick and easy provision of your programme materials; provision of communication tools such as discussion boards and virtual chat facilities; and support for collaborative project work. You can also view recorded lectures online to support your study and revision. The Mobile Learn app gives you access to VITAL on your mobile wherever you are. Our ‘Lecture Timetables’ app also means you can keep up-to-date with your schedule whenever and wherever you are.

iLearn is a unique website providing practical tips to help you not only get the most out of your studies but also to develop skills that help you in every aspect of your life [www.liverpool.ac.uk/eddev/supporting-students/ilearn/](http://www.liverpool.ac.uk/eddev/supporting-students/ilearn/)

Learn a new language and open up your world

At Liverpool, we encourage all our students to take up or continue learning a language and you can learn a language in a number of ways, whether as part of your degree or as a non-credit bearing, standalone unit on top of your degree. See page 33 and [www.liverpool.ac.uk/languages](http://www.liverpool.ac.uk/languages) for information. Languages offered include French, Spanish, German, Chinese, Italian, Portuguese, Basque or Catalan with further languages offered through our Continuing Education programme.

Good to know: Liverpool was the first Russell Group university to provide 24-hour opening throughout the academic year.
Our support services

We strive to provide student support services. Whatever help you may need, we have an entire support network to help you.
Student Services Centre
The Student Services Centre is a focal point for all our specialist support, welfare and health and wellbeing services. If you are not sure which team to talk to, try here first. Our staff are friendly, helpful and very experienced. www.liverpool.ac.uk/studentsupport

The Advice and Guidance team provide initial advice on issues which may be affecting a student’s general welfare. Any student can get in touch with us — whether they need advice or just someone to talk to in a quiet and confidential space — we’re here. For more information, visit www.liverpool.ac.uk/studentsupport/advice/

We also produce a guide for parents and supporters www.liverpool.ac.uk/studentsupport/advice/parentsandsupporters/

Money Advice and Guidance
Money Advice and Guidance (MAG) provides support and advice to students on a range of financial matters. We can offer the following services:

- Discretionary financial help through the University Hardship Fund for students experiencing financial hardship (UK students)
- Advice on statutory funding for undergraduates including liaising with funding bodies regarding problems with funding
- Debt advice service – liaising with creditors if necessary
- Assist in cases where students are trying to prove estrangement with their funding body to gain independent status. The University offers a bursary to students who have been classed as estranged by their funding body
- Advice on funding for EEA migrant workers and other EU students who may qualify for UK funding
- Advice on welfare benefits
- Budgeting sessions
- Dedicated member of staff for care leavers to support you during your time here. We offer a bursary to UK students who have been in Local Authority Care for a specified period of time
- Dedicated member of staff for young adult carers to support you during your time here. We offer a bursary to UK students who meet the University criteria.

If you have any previous study at Higher Education level, we advise you to contact the team before starting your programme as this may affect your funding entitlement. If you would like more information on any of the information opposite T: +44 (0)151 794 5863 or E: money@liverpool.ac.uk www.liverpool.ac.uk/studentsupport/money

Health
Brownlow Health is a full-time general practice offering medical services to students on campus. We also give nurse-led emergency treatment and provide health services at the Halls of Residence. For more information contact us on T: +44 (0)151 285 4578/4784.

Childcare facilities
Our purpose-built Children’s Centre on campus provides 68 full-day care places for babies and pre-school children. It also runs playschemes during the school holidays see www.kidsinbloom.co.uk/portfolio/university-of-liverpool-nursery

Religion
As you might expect in a city of this size, there are places of worship for virtually every religion and faith and we can help you find them. At the University we have Chaplains from the leading Christian denominations who are based in Faith Express and provide pastoral care and support for all students and support Christian societies in The Guild.

Faith Express is the centre for faith information on campus including information about world faiths, local events related to faith, student faith societies and about finding a place of worship in Liverpool. Other faiths such as Baha’i, Buddhism, Hinduism, Judaism, Islam and Sikhism also have societies within The Guild. There is also a dedicated Muslim Prayer Room located on campus in the Sydney Jones Library.

Counselling Service
The Counselling Service provides confidential counselling and support to help students with personal and emotional problems affecting their studies and general well-being, both on an individual basis and through our workshop programme. This provides help on specific topics such as optimising performance, managing anxiety and confidence building. For more information, see www.liverpool.ac.uk/counserv
Mental Health Advisory Service
Our full-time Mental Health Adviser is available throughout the year to support students experiencing difficulties. She is also available to give advice to students considering making an application to study. General enquiries should be made on T: +44 (0)151 794 2320, or by E: mentalhealthadviser@liverpool.ac.uk

Support for disabled students
The Disability Advice and Guidance team recognises that each student has their own individual needs and will offer practical help and advice to establish appropriate support that works best for you.

Where students wish to disclose a disability, we work closely with students and their academic departments to co-ordinate this support. Our aim is to reduce any disadvantage a student may experience as a result of a disability.

Examples of support we can offer includes:
- Confidential one-to-one disability adviser appointments
- A drop-in service
- Assistance with obtaining funding to support disability-related study needs, eg Disabled Students Allowance
- Identification of individual reasonable adjustments
- Liaison with academic departments and other University teams to communicate and implement individual support requirements
- A disabled student network forum
- Access to loans of specialist equipment and assistive software
- Assistive software workshops
- Provision of study assistants eg laboratory assistants, assistants, note takers, mentors, library assistants, study skills tutors.

Whatever advice and help you may need we have an entire support network to guide and assist you while you are here at university. Our support teams are helpful, friendly and very experienced.

Dr Paula Harrison Woods
Acting Director of Student Administration and Support Division
If you would like to talk about any specific requirements you might have and/or to find out if you may be entitled to access disability-related funding, please call us on T: +44 (0)151 795 8634 E: disteam@liverpool.ac.uk or visit www.liverpool.ac.uk/studentsupport/disability

**Support for international students**
The International Advice and Guidance team works with students, University departments and the Liverpool Guild of Students to improve the overall experience of international students at the University of Liverpool. We provide specialist immigration advice and support students with a variety of personal and practical issues. We are available throughout the year to support students before, during and after studies in the UK.

For more information please contact T: +44 (0)151 794 5863 E: ist@liverpool.ac.uk www.liverpool.ac.uk/studentsupport/ist

**Support for mature students**
It’s never too late to study for a degree – whether you are 21 or 91, we welcome and value the experience and commitment that older students have to offer. At the University of Liverpool, we’re committed to extending opportunities to adults returning to study. For more information, see www.liverpool.ac.uk/study/undergraduate/applying/mature-students

**Diversity and Equality**
The University is committed to ensuring that all students are able to succeed, and we are committed to ensuring that no students experience any form of disadvantage because of their age, disability status, gender reassignment, pregnancy or maternity, marriage or civil partnership, race or nationality, religious belief or non-belief, gender, or because of their sexual orientation. For more information, see www.liverpool.ac.uk/diversity-and-equality

**Student Administration Centre**
The Student Administration Centre, located at the centre of campus, is a ‘one-stop-shop’ for all student financial and administrative needs. Here you will find information and help with the formal processes relating to registration and your academic record. Details of services offered can be found online at www.liverpool.ac.uk/sas
The city of Liverpool shapes the University through its dynamic spirit, global outlook and pioneering opportunities and we shape the city through our extensive collaborative local network. Energetic, beautiful, creative... you will soon realise there is nowhere quite like Liverpool.

Our city is Spirit
Where Liverpool differs, is the people

David Williams
Business Management graduate and co-founder of Independent Liverpool

“I wanted to put my own city on the map.”

Looking back at my time at university, it is a time to find yourself, educate yourself and find out who you are as a person. I have always been a very self-motivated person, and it has always felt like a natural step for me to push myself to the next level and for me that was to run my own business. Studying at the University of Liverpool, I found only strengthened my love for Liverpool and made me realise I wanted to stay here and put my own city on the map.

When I finished university I was lucky enough to undertake a three month marketing internship with a local start-up company. Prior to taking this on, I hadn’t considered writing for pleasure or for my occupation, it had always been a bit of a chore. However, being in that type of environment, seeing friends working together and all towards a common goal made me realise that I wanted to do that with my best friend, and it inspired me to start thinking more seriously towards setting up my own business.

Independent Liverpool started as a blog, then became a membership card, events, a website; but it’s so much more than that, it’s a movement. For me it’s a notion, the idea of shopping local, supporting your own and it’s transformed so much over the last four years. It stands to support Liverpool and local enterprise.

Where Liverpool differs, is the people. Liverpool has always been famous for its people, and I think that is what makes it special. Over the last few years it has experienced a digital revolution, with so many first-time business owners, entrepreneurs and risk-takers, and on the other side people that are willing to support these independent businesses which makes a perfect oasis of a city.

Watch our city film ‘Liverpool: an insider’s guide’ at www.liverpool.ac.uk/study/undergraduate/courses/video
Liverpool... a truly unique student city

Ranked 1st in Rough Guides friendliest UK city

Royal Town Planning Institute (RTPI) named Liverpool’s waterfront the ‘greatest place in England’

Crowned ‘Capital of Culture’ 2008

UNESCO ‘City of Music’ 2015

Ranked top UK nightlife destination by TripAdvisor

Oldest Chinatown in Europe

Thriving independent culture

@livuni www.facebook.com/UniversityofLiverpool @livuni UofLTube
Explore Liverpool: our ‘bucket list’

- Take the ferry across the Mersey for amazing panoramic views of the city.
- Eat a bowl of ‘scouse’.
- Watch a football match at Anfield or Goodison Park.
- Grab a blanket and watch a film in Sefton Park Palm House.
- Dance to samba at ‘Brazilica’ each July.
- Find ‘hidden bar’ Berry & Rye – knock on the door of this bar and they will let you in – if you can find it!
- Access museums and galleries across the city after hours at Liverpool Light Night.
- Discover the vintage boutiques dotted along Bold Street.

3rd
Ranked 3rd in Rough Guides top 10 world cities.

More galleries and museums than any UK city outside of London

2nd
most affordable UK city for students

...with so much to do
Spirited...
Art and museums
With more galleries and museums than any UK city outside London, Liverpool is an ‘art-lovers’ paradise; from old masters in the Walker Art Gallery and modern masterpieces in Tate Liverpool, to cutting-edge film, photography and visual arts at FACT, the Open Eye Gallery and the Bluecoat. Not to mention we are host to the Liverpool Biennial, the largest international contemporary art festival in the UK. You can also spend a lazy Sunday afternoon wandering around the city’s museums, one of the most impressive collections in the country. Among the most exciting is the Museum of Liverpool, a celebration of the city’s many great places, people and events. Many of the other museums explore the city’s rich and varied history, such as the Merseyside Maritime Museum and The Liverpool Slavery Museum. Galleries and museums are generally free entry except for special exhibitions.

Music
The 11,000 seat Echo Arena Liverpool on the world-famous waterfront is host to the world’s leading music artists for concerts on a large scale. If you prefer an alternative sound live bands play every night of the week, visit LEAF, Camp and Furnace, The Shipping Forecast or East Arts Village Club to see artists play in these unique venues. Classical music fans should not miss the world renowned Royal Liverpool Philharmonic Orchestra, led by the Chief Conductor and honorary Professor of the University of Liverpool, Vasily Petrenko.

Nightlife
With over 250 city centre bars, pubs, clubs and plenty of student nights to pick from, it is no surprise that the users of TripAdvisor voted Liverpool as Britain’s Best Nightlife Destination. As we are a relatively small city, it is easy to move from place to place on your big night out, some of our favourite spots are the Camp and Furnace, Aloha, Heebie Jeebies and Berry & Rye. Bars are generally open into the early hours and are free to get in.
Theatre and performance
Amongst Liverpool’s many theatres, the Liverpool Playhouse stages premieres by both local and international writers, while the Liverpool Empire is home to many popular touring West End productions including recently The Lion King, Wicked and Mamma Mia! The Liverpool Everyman Theatre features a 400 seat auditorium, its redevelopment has seen this much loved and important institution reinvigorated for the 21st century and the theatre was awarded the RIBA Stirling Prize for best new building of the year in 2014. If you prefer the big screen, grab your picnic blanket to watch a film under the stars at the Secret Garden Cinema or The Bombed Out Church, just two of the many outdoor cinemas popping up across the city!

Festivals
All year-round Liverpool draws in the crowds. Whether it’s to see live music at Liverpool Sound City, the Liverpool International Music Festival, Africa Oyé and Creamfields; or embrace the energy and passion at Brouhaha, Homotopia, Brazilica and Liverpool Pride; or experience our world-shaping heritage and culture at the Mersey River Festival and Liverpool Light Night – Liverpool is always celebrating something.

Relaxing
You might be surprised to find how green Liverpool is, with a wealth of beautiful city parks and a real sense of space. Sefton Park near the Student Villages in the south of the city, is a lovely place to spend an afternoon. Nearby Lark Lane is home to chilled-out bars and restaurants and an eclectic mix of independent shops. You might also be surprised to find that as we are a coastal city, we have some beautiful beaches. Formby to the north of the city offers an unspoilt stretch of National Trust coastline with fantastic dunes and forests that are one of the last remaining habitats for the red squirrel. Nearby Crosby Beach is home to Antony Gormley’s ‘Another Place’, an installation of 100 life-size statues facing out to sea. Liverpool is also within easy reach of the Lake District, North Wales and the Peak District.
Shopping
Liverpool is a shopping destination to rival any city. In the city centre, Liverpool ONE houses 160 shops that are open late into the evening, along with restaurants to suit all tastes and a multiplex cinema. Nearby, there is high-end and designer fashion at the Met Quarter and Cavern Walks. As well as all the high street names that you would expect to find in any major city, Liverpool has more than its share of small, eclectic boutiques and quirky shops in the likes of Grand Central and Bold Street, offering a range of styles from urban street wear to vintage. In 2014 Lonely Planet rated Bold Street as one of the best shopping streets in the UK.

Eating out
There is an incredible range of cafés, bistros and restaurants in Liverpool appealing to all tastes and budgets. Aside from the many eateries dotted around the campus, take a short walk into the city centre to find there’s hearty food to be had in chilled out, bohemian surroundings at independent venues like Neon Jamon, The Egg Cafe and Lucha Libre. On a special occasion, push the boat out at 60 Hope Street, or enjoy fine dining alongside breath taking 360° views across the city and over to the Wirral Peninsula from Panoramic 34, on the 34th floor of West Tower. Liverpool also has Europe’s oldest Chinatown, Yuet Ben offers delicious food with a view of the magnificent Chinese Arch, the largest outside China.

Sport
Liverpool is sport mad. Home to two of the Premiership’s biggest football teams, both Liverpool and Everton Football Clubs are a mile or so from the city centre. Aintree Racecourse is home to the Grand National, there is county cricket at Liverpool Cricket Club, golf on “England’s Golf Coast” at Royal Birkdale and the Royal Liverpool Golf Club in Hoylake (Wirral), Rugby League at St Helens and Widnes, and ample opportunities for watersports.
Archaeology, Classics and Egyptology

We offer you the opportunity to engage in research-led teaching across a wide range of cultures and languages spanning five million years, in an academically inspiring environment. Our Department has a heritage dating back to the 1880s, we have one of the largest teaching and research museums in the UK and teach in award-winning facilities. We will not only teach you the foundations of our research specialisms, but challenge and guide you through your studies to foster independent thinking and encourage you to develop important skills by specialising in what interests you most.

I find the amount of access that we get to the Garstang Museum on campus, with frequent handling sessions and guided tours, as well as the availability of artefacts really beneficial to my studies, particularly now as part of my dissertation.

Ed Clark
Archaeology BSc (Hons)

Good to know:

84
Year One undergraduates in 2016

5th
in the UK for Archaeology and Egyptology for world-leading research (REF 2014)

96%
of our students are happy with the teaching on their programme (NSS 2016)

Offers study abroad opportunities

Offers a Year in China

Offers Honours Select combinations
Why choose Archaeology, Classics or Egyptology at Liverpool?

Bring theory to life
At Liverpool our teaching is not just paper-based; we have campus facilities that allow you to experience hands-on activities to complement your studies. You’ll be taught in our Garstang Museum of Archaeology, which holds over 40,000 artefacts, including collections from Egypt, the Aegean, Sudan, the Middle East and Great Britain. You’ll use specialised archaeological facilities in our Archaeological Research Laboratories as well as our award-winning Central Teaching Laboratories where you’ll find equipment and material for scientific analysis and a dedicated space for flint-knapping and cave-painting, all of which are part of our core teaching activities.

Benefit from the unique breadth of our programmes
You’ll work alongside staff who are experts in their chosen field and have developed degree programmes that fully immerse you in the subject by studying the world from human origins right through to the civilisations of Greece, Rome, the Near East and Egypt. You can either choose to focus on a particular culture or period or gain a broader training that combines ancient civilisations. Alongside this, you will also have the opportunity to explore a number of ancient languages: Egyptian Hieroglyphs, Greek, Latin, Coptic, Sumerian and Akkadian.

Surround yourself with academic excellence
You’ll be studying in one of the largest and well-established departments of its kind in the world, with a community of 35 full-time academic staff all engaged in internationally recognised research. In the Research Excellence Framework (REF) 2014 Archaeology and Egyptology staff were ranked 5th in the UK for world-leading research.

Our staff specialisms include Greek and Roman Literature and Culture, Ancient History, Mediterranean Archaeology, British Prehistoric and Historic Archaeology, Human Evolution (Evolutionary Anthropology), African Archaeology, Near Eastern Archaeology and Egyptology (the largest grouping of Egyptologists in the UK).

Fulfil your potential in a supportive environment
With our extensive staff expertise, we support you in every aspect of your learning. As you move through your programme of study, we work with you to encourage you to play to your strengths and to specialise in aspects and approaches that interest you most, whether historical, archaeological, literary or linguistic.

Study abroad
As part of your Archaeology, Classics or Egyptology degree programme you have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Our students can currently apply to study with one of the many worldwide partners we share links with. For more information, visit www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Archaeology, Classics and Egyptology, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.
Your future
Archaeology, Classics, Ancient History and Egyptology degrees from Liverpool provide you with a rigorous training experience that produces graduates with an unusual breadth of experience.

Our graduates are well equipped for a wide variety of careers in fields as diverse as journalism, heritage management, law, the civil service, teaching, business, IT and tourism. You can also go on to undertake further study and research degrees and our past students have had marked success in gaining employment in universities and major museums, locally, nationally and internationally.

How you learn
Your learning will flourish through lectures, seminar discussions, practical classes, oral presentations and tutorial sessions, encompassing both individual study and group work. You’ll be working with a wide range of evidence including ancient texts in translation and physical remains. Students on archaeological programmes may have the opportunity to take placements in the Garstang Museum of Archaeology or National Museums Liverpool. Single Honours, Major and Joint Honours students can develop an individual piece of research on a topic of your own by undertaking a dissertation in the final year. An academic adviser will help you focus on and hone the topic, and meet with you regularly to discuss progress and direction. All students will undertake fieldwork studies, principally at our department field school. However, with staff engaged at excavations in Turkey, Southern Africa, Egypt, Greece and Sicily (to name a few), many of our students go further afield.

Fieldwork requirements
Archaeological fieldwork can be physically demanding, and requires an ability to undertake certain tasks (such as walking, carrying/using tools and equipment). At Liverpool, our Support Team is committed to supporting students and considering barriers to participation. On student request, we discuss reasonable adjustments to enable participation for disabled students, and can provide alternative (non-field/non-residential) options as appropriate. Please contact our enquiries team for further information E: hlcenq@liverpool.ac.uk

Which degree?
Ancient History examines the history, politics and societies of ancient Greece and Rome, offering an opportunity to explore the complexities of living in the ancient Mediterranean world at a time of expanding horizons and global change.

Archaeology at Liverpool answers the most fundamental questions about human life; from our emergence as a species, why our brains are so large, why we consume and accumulate, why we talk, write, paint and socialise, how we survive in tiny villages and mega-cities, why some civilisations rose and fell, and how their environments were destroyed.

Our Archaeology BA programme provides you with the tools to investigate our past from the emergence of our species until the 20th century. Acquiring skills using cutting-edge methods in archaeological science, our Archaeology BSc programme puts you at the forefront of world-changing discoveries. For the archaeology of Egypt, the Mediterranean and the Near East, our Archaeology of Ancient Civilisations programme allows you to combine training in the latest archaeological techniques and methods with the archaeology, culture, society and history of key civilisations.

Studying Classics or Classical Studies offers you a chance to explore the literatures and cultures of ancient Greece and Rome in their breadth and diversity, to relate them to their mediterranean contexts, and to investigate their continuing manifestations in modern culture, in literature, art and film.

We are the largest department teaching Egyptology in Europe, offering a breadth of teaching unparalleled at undergraduate level in the UK. Our five Egyptologists are all engaged in cutting-edge research, some with excavations in Egypt itself. We have excellent resources to support our teaching; these include our in-house Garstang Museum of Archaeology and the library’s extensive collections, as well as the objects in Liverpool’s World Museum.

Evolutionary Anthropology is the study of how we evolved and what it means to be human. In this programme, unique to Liverpool, you will explore the archaeology of human evolution, palaeoanthropology, and primatology and combine the study of anatomy, art, psychology and earth sciences.
Degrees

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<th>Typical Offer</th>
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<td>Ancient History BA (Hons) V110 3 years</td>
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<td>Archaeology BA (Hons) V400 3 years</td>
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<td>Archaeology BSc (Hons) V402 3 years</td>
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<td>Archaeology of Ancient Civilisations BA (Hons) V401 3 years</td>
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<td>Classics BA (Hons) Q800 3 years</td>
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<td>Classical Studies BA (Hons) Q810 3 years</td>
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<td>Egyptology BA (Hons) V410 3 years</td>
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<td>Evolutionary Anthropology BSc (Hons) V4B1 3 years</td>
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<td>Heritage Studies</td>
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This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ. Please note that any Honours Select programmes which have a Management, Law or Sociology component will not accept the EPQ.

| BBB offer with an A in EPQ. |
| BTEC applications are encouraged. We evaluate each BTEC application on its merits and may make offers at DDM, with 100 out of 180 credits at Distinction. |

Ancient History BA (Hons) V110
UCAS code: V110
Programme length: 3 years

Explore the political, social and cultural history of Ancient Greece and Rome; examine how individuals and communities organised themselves, met the challenges of daily life and extraordinary events, and responded to change in the context of expanding horizons, shifting power relations and radical new ideas.

You will develop the skills to read and analyse the surviving (and sometimes conflicting) evidence, allowing you to reach and present your own judgments convincingly on a variety of complex and controversial issues. You can also study Greek and/or Latin from beginners to advanced levels.
**Ancient History Joint**

In this programme you can combine a study of the social, political, and cultural history of ancient Greece and Rome equally with another subject. You will have the chance to study a wide range of periods and themes in social and cultural history.

**Ancient History Minor**

Doing a Minor in Ancient History allows you to combine with your Major programme an overview of the social, political, and cultural history of ancient Greece and Rome, from the archaic Greek world through to the transformation of the Roman world under Augustus.

**Archaeology BA (Hons)**

UCAS code: V400
Programme length: 3 years

Develop an understanding of archaeological methods and theory to unlock some of the most fundamental questions about human life, from the emergence of our species until the 20th century. Studying human, animal and plant remains, artefacts and art, you will learn how to reconstruct the past from its material remains. You will investigate the major social, economic, religious and technological developments in long-term human history – from Britain to South Africa and Spain to China – and learn how to carry out archaeological excavation and survey.

You will be required to complete four weeks of fieldwork for this programme including two weeks on our department field school at the end of Year One. In Year Two, many students work on overseas staff research excavations, currently these are based in Sicily, Bulgaria, Greece, Turkey, Jordan, Egypt, Southern Africa and Ireland as well as the UK.

**Archaeology Joint**

The Archaeology Joint Honours degree (Archaeology at 50%) provides you with a solid understanding of archaeological methods and theory, combined with the study of the archaeology of specific geographical areas and chronological periods. This enables you to build highly-transferrable skills (team-working, critical thinking, synthesising information and data, IT and oral skills) into any humanities degree.

All Joint Honours programmes with Archaeology (including Ancient History and Archaeology VV14) require students to complete two weeks of fieldwork on our department field school at the end of Year One.

**Archaeology Minor**

You can study Archaeology as a Minor alongside your Major subject. Archaeology at 25% provides you the skills to unearth and reconstruct the past, and to study the archaeology of the geographical areas and chronological periods which most interest you while introducing key transferrable skills (team-working, critical thinking, synthesising information and data, IT and oral skills).

**Archaeology BSc (Hons)**

UCAS code: V402
Programme length: 3 years

Scientific analysis of archaeological remains are answering some of humankind’s most fundamental questions. This programme, taught by world-leading researchers in materials analysis, bio archaeology and environmental reconstruction, will train you in the scientific methods used in many of the important discoveries. It will also provide you with a fundamental understanding of archaeological methods used on material remains (artefacts, and the remains of humans, animals and plants), combined with the study of the archaeology of specific geographical areas and chronological periods of your choice. The Department has expertise in human evolution, the transition from hunting and gathering to farming, British prehistory and Medieval history and the great civilisations of Greece, Rome, Egypt and the Middle East.

You will be required to complete four weeks of fieldwork for this programme including two weeks on our department field school at the end of Year One. In Year Two, many students work on overseas staff research excavations, currently these are based in Sicily, Bulgaria, Greece, Turkey, Jordan, Egypt, Southern Africa and Ireland as well as the UK.

Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.
**Archaeology of Ancient Civilisations BA (Hons)**  
**UCAS code: V401**  
**Programme length: 3 years**

If you are fascinated by the ancient civilisations of Egypt, the Mediterranean and the Near East, this programme covers these with a unique range and depth. You will study the archaeology, culture, society and history of the key civilisations of ancient Greece, Egypt, Rome and the Near East, combined with training in the latest archaeological techniques and methods. A rich variety of archaeological remains and literary sources reveals a world of poets, historians, artists, politicians, emperors, priests, administrators, slaves, soldiers, aristocrats and ordinary men and women. Understanding the ambitions, beliefs and lives of this world enriches our understanding of what it is to be human and the rise of our societies. Teaching is hands-on: you might read texts directly from carved inscriptions or papyri, or handle artefacts in our Garstang Museum, or help stage a theatrical production of a Greek tragedy.

You will be required to complete four weeks of fieldwork for this programme including two weeks on our department field school at the end of Year One. In Year Two, many students work on overseas staff research excavations, currently these are based in Sicily, Bulgaria, Greece, Turkey, Jordan, Egypt, Southern Africa and Ireland as well as the UK.

**Classics BA (Hons)**  
**UCAS code: Q800**  
**Programme length: 3 years**

Study the Greeks and Romans and the languages in which they thought and wrote, whether you are a beginner or already studying Greek or Latin. In the language modules, your language skills and literary awareness will be developed through a wide range of texts (in poetry and prose) from the Greco-Roman world.

The rest of the degree allows you to study the society and culture of antiquity, including its literature, art, history and archaeology. If you have no previous experience of either Greek or Latin, the introductory level modules are designed to move you towards reading texts in their original languages as swiftly as possible. The more advanced modules allow for in-depth study of a wide variety of authors. You will have the advantage of expert tuition, often in very small groups, and the opportunity to develop specialist interests.

**Classics Joint**

This pathway covers the learning of both Latin and Greek and reading texts in the original language. The programme extends from beginners level in both languages to advanced level, and you will be put into the programme at the stage that fits with any previous experience you have had.

**Classical Studies BA (Hons)**  
**UCAS code: Q810**  
**Programme length: 3 years**

Classical Studies allows you to study the society and culture of antiquity, including its art, religion, history, and archaeology, studying their literary and visual cultures against the backdrop of the history of the period. You can also study Greek and/or Latin from beginners to advanced levels.
Classical Studies Joint

In this programme you can combine Classical Studies equally with another subject. The programme focuses on the societies and cultures of Ancient Greece and Rome. You will study their literary and visual cultures (including their art and architecture) against the backdrop of the history of the period. The programme also gives you the skills in reading and analysing the surviving (and sometimes conflicting) evidence that will allow you to reach and present your own judgements convincingly.

Classical Studies Minor

In this programme you can combine your Major programme with an overview of Classical Studies. The programme focuses on key literary genres and modes and how they relate to the societies that produced them. The programme also gives you the skills in reading and analysing the surviving (and sometimes conflicting) evidence that will allow you to reach and present your own judgements convincingly. Of the many modules on offer, you will be able to pick a pathway that is best suited to your specific interests.

Ancient Greek Minor

This Minor covers the learning of Ancient Greek and reading texts in the original language. The programme extends from beginners level, and you will be put into the programme at the stage that fits with any previous experience you have had. For example, if you have no previous experience of Greek you will go into Greek I; if you have an A level you will enter the programme at Greek III.

Latin Minor

This Minor covers the learning of Latin and reading texts in the original language. There are five levels of study in this programme from beginners level, and you will be put into the programme at the stage that fits with your previous experience. For example, if you have no previous experience of Latin you will go into Latin I; if you have an A level you will enter the programme at Latin III.

Egyptology BA (Hons)

UCAS code: V410
Programme length: 3 years

Immerse yourself in Ancient Egypt with one of the largest Egyptology providers in the world. You will gain an in-depth understanding of Ancient Egypt’s archaeology, art, religion, history and society through the acquisition of key interpretive skills. This programme provides training in the Ancient Egyptian language from elementary to advanced level, giving you access to original Hieroglyphic and Coptic writings and inscriptions. Our experts will bring their excavations and projects to the classroom, giving you privileged access to cutting-edge research.
Egyptology Joint

This programme is designed to deliver a partial yet coherent programme in Ancient Egypt as you divide your time equally between Egyptology and another subject. Egyptology, being the study of a specific human culture, shares approaches with many core subjects in the Faculty. As a result, 50% Egyptology would work particularly well with a large number of other programmes both ancient (Archaeology, Classics and Ancient History) and more modern (for example, English, Sociology, History, Languages or Politics).

Egyptology Minor

A Minor in Egyptology will allow you to study the culture, society and religion of Ancient Egypt within the confines of a Minor subject. Since Egyptology shares methodological approaches with other subject areas, this minor programme will combine well with any Major subject on offer through Honours Select, both ancient and modern, from Classical Studies to Criminology.

Evolutionary Anthropology BSc (Hons)

UCAS code: V4B1
Programme length: 3 years

This unique multidisciplinary programme is the only one of its kind available in the UK and offers an opportunity to study an in-depth programme that explores what it is to be human. Based on the study of three major areas of evolutionary anthropology: the archaeology of human evolution, palaeoanthropology, and primatology. You can choose to study all three elements or focus on two areas and add modules in Biology, Psychology, and Earth Sciences.

You will be required to complete four weeks of fieldwork including two weeks on our department field school at the end of Year One. In Year Two, many students work on overseas staff research excavations, currently these are based in Sicily, Bulgaria, Greece, Turkey, Jordan, Egypt, Southern Africa and Ireland as well as the UK.

Evolutionary Anthropology Minor

Evolutionary Anthropology as a Minor (25%) enables you to participate in our unique, fully interdisciplinary programme, based on the study of three major areas of evolutionary anthropology – the archaeology of human evolution, palaeoanthropology, and primatology.

Heritage Studies Minor

Heritage Studies considers how we deal with the past in the present. This can involve our physical heritage assets, whether in museums or heritage centres. This Heritage Minor will provide you with a framework through which you can engage with conceptual, political, ethical and practical aspects of heritage.
Architecture

We are driven by the pursuit of design excellence for the 21st century, inspired by the creativity of the city we call home and founded on providing the solid practical skills you will need in practice. Our staff expertise and research feed directly into our curriculum, which will benefit you while you are here and prepare you for a successful career in architecture.

Good to know:

123
Year One undergraduates in 2016

9th
in the UK for 4* and 3* research (REF 2014)

87%
are employed or in further study within six months of graduating (Destination of Leavers from Higher Education 2014/15)

TOP 10
Complete University Guide

Offers study abroad opportunities

Offers a Year in China

Liverpool offers a fantastic studio culture, it seems to be unlike any other school, everybody is really friendly and it just has a great vibe. The quality of teaching at Liverpool is fantastic, the tutors are helpful and supportive and many of the people you learn from are industry professionals. The School also hosts a variety of guest lectures that really help inform the decisions you make in the studio.

Kurtis Gentry
Architecture BA (Hons)
Why choose Architecture at Liverpool?

Benefit from our research-led and design focused teaching
We are founded on the integration of original research and high-quality teaching, dedicated to getting the best out of each and every student.

We are ranked in the top 10 in the UK for research excellence (Research Excellence Framework, REF 2014) and our researchers are internationally known in their fields. Their work is diverse, extensive and wide-ranging, while joined by the shared aim of furthering knowledge and improving architectural design.

Be inspired in a dynamic city setting
Our location in the heart of the world heritage port city of Liverpool means we respond to its outward-looking international focus. With its impressive architectural heritage and award winning contemporary architecture – including the 2014 Stirling prize winning Everyman Theatre – Liverpool provides an excellent backdrop to our focus in both research and teaching on the design of cities and evolving urban conditions.

Support your creativity with solid practical skills
We understand art and technology as complementary aspects of the study and creation of architecture. We focus on creating architecture graduates who balance imagination and creativity with real-world knowledge and skills. All teaching staff are actively involved in professional consultancy and academic research which means that our students benefit from their extensive range of knowledge and expertise in preparation for their professional career.

Allow your creativity to flourish
We do not have a “house style”, but instead encourage our students to develop their own design methodology based on an understanding of history, technology and architectural theory. We challenge our students to find individual solutions to complex design problems, but also enable choice by allowing you to choose from a variety of design briefs as well as assignments throughout the programme.

Thrive in our studio environment
Our students work in one of the most visually exciting architectural studios in the UK. The RIBA award-winning space stimulates creativity and reflects the working environment of architects in practice. Whether you are interested in design, built form, the construction process or urban regeneration, you will gain the unique skills here that you will need to work in the local, regional and international communities of the future.

Choose a university which is at the vanguard of Architecture education
We are the oldest university School of Architecture; the first in the world to have Royal Institute of British Architects (RIBA) accredited programmes, gaining accreditation in 1906. We were therefore responsible for setting the standard for architectural education and have maintained it ever since. Our alumni include Sir James Stirling, after whom the RIBA Stirling Prize was named.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Study abroad
As part of your Architecture degree at Liverpool you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Students can currently apply to study abroad at the Bauhaus (Dessau), Germany; Technical University of Graz, Austria and the University of Arizona, USA. Or you may choose to benefit from our research and teaching links with Xi’an Jiaotong-Liverpool University (XJTLU). This link offers Architecture students at Liverpool a distinctive study abroad opportunity. More new links are also currently being explored. For more information, visit www.liverpool.ac.uk/goabroad.

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Architecture, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future
Architecture graduates can go into traditional practice or extend their skills in all other areas of the construction industry and elsewhere. Recent graduates work for major international architects, in publishing, the Arts Council and multidisciplinary think tanks. Pop music, games design and the fashion industry claim recent graduates too, as do other areas of the construction industry and property development.

How you learn
The first year of the programme comprises of a series of interconnected modules, which are designed to lay the foundation for future years. The initial aim is to teach basic graphic communication and to give you the tools to develop your own design agenda. Year Two modules put increased emphasis on the context of architecture such as urban design, responsibility to society, and relationships with the construction industry. The final year of the programme provides an opportunity for you to demonstrate you have acquired the necessary knowledge and skill to embark on a professional career in architecture. Building on the expertise and understanding of the previous two years, the design modules allow you to develop the necessary skills to design medium and largescale buildings with a high degree of complexity.

Liverpool School of Architecture’s strength is that it’s deeply rooted in the city and is a fundamental part of a buzzing, collegiate campus. The School’s stated aim of understanding global context and excellent local application has had a profound effect on the regeneration of the city and has helped position it as an international institution.

Alan Dunlop
RSA Royal Gold Medal for Architecture
Degrees

Architecture BA (Hons) K100 3 years
AAA 36 DDD

Architecture MArch 2 years

Degrees offered with other departments
Architectural Engineering BEng (Hons) HK26 3 years
Architectural Engineering MEng (Hons) HK28 4 years

We will consider students with lower qualifications subject to a strong application. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.

① Gives exemption from RIBA Part I exam.
② Typical offer AAA. We will consider applicants with lower grades, subject to a strong Portfolio submission or Selection Workshop Day attendance. There are no specific subject requirements.
③ AAB offer with an A in EPQ.
④ DDD with 120 out of 180 credits at Distinction.
⑤ Apply directly to School. First degree 2.1 or above and RIBA Part I required.

Architecture BA (Hons)
UCAS code: K100
Programme length: 3 years

Are you fascinated by the buildings and landscapes that make up the world around us? If you ask yourself why they are there, how they were created, and what the future might hold, then this is the programme for you. We encourage a creative and individual approach to the future, knowing that more career paths are opening up each moment, and knowing that understanding design is crucial to the 21st century. RIBA Part I is awarded on completion of the degree.

Design Studies BA (Hons)

UCAS code: N/A. Apply directly to the School
Programme length: 2 years

The Master of Architecture programme is a professional qualification available to students with an appropriate first degree in architecture or a closely related subject. On successful completion, RIBA Part II is awarded to those students who already have RIBA Part I and these students become eligible to prepare for the RIBA Part III professional practice examination. Applicants should apply directly to the School. First degree 2.1 or above and RIBA Part I required.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Chemistry

Chemistry graduates are at the heart of science, underpinning some of the world’s most dynamic and exciting industries. Our academics are at the forefront of their discipline and we are ranked top in the UK for research excellence.

My programme provides not only the basic academic knowledge, theory and experimental skills, but also a broader, overarching view of chemistry today, including looking at research trends, topics, and key skills for future careers. When I finish my undergraduate studies, I plan to continue onto a master’s programme specifically relating to Medicinal Chemistry.

Tianyou He
Chemistry BSc (Hons)
Why choose Chemistry at Liverpool?

Thrive in our award-winning undergraduate laboratories
Our £23 million Central Teaching Laboratories offer a unique environment for the study of Physical Sciences. Chemistry occupies the top floor, which houses Synthetic Chemistry and Physical Chemistry labs with new equipment for a wide range of experiments. In spring 2017 the new ‘Materials Innovation Factory’ will open. This is a state-of-the-art Materials Chemistry research hub that was funded by a £68 million project in collaboration with Unilever and the Government. As an undergraduate, this new facility will be accessible to you during your final year research project.

Learn in a culture of research excellence
We are ranked top in the UK for our research and have world-leading groups in Materials Chemistry, Energy and Catalysis, Functional Interfaces, Medicinal and Bio-nano Chemistry and Theoretical and Computational Chemistry. We have increased our research in renewable energy and sustainable chemistry, and have created the Stephenson Institute for Renewable Energy which is at the forefront of research and is instrumental in a range of new Chemistry programmes available to all our undergraduates. Our excellence in research strongly influences our teaching, and ensures that you are engaged in frontier science in optional modules and in project work.

Gain professional accreditation
Our MChem programmes have Master Accreditation from the Royal Society of Chemistry (RSC), and our BSc programmes have Bachelor Accreditation ensuring your degree with us will set you on the pathway to a successful career.

Benefit from flexible degree programmes
Choosing your degree path can be difficult and you may find that your interests develop in different ways once you are immersed in the subject. At Liverpool, you have the flexibility to change degree programmes once you are studying here (provided, of course, you meet the requirements of that programme). We also have optional Chemistry courses in every year of study, so you can tailor your general Chemistry degree to fit your interests and requirements. You may even wish to explore modules from other departments such as Life Sciences or Archaeology.

Bring your learning to life through our Virtual Learning Environment
We integrate e-learning into teaching alongside traditional teaching methods. Our Virtual Learning Environment (VLE) supports all aspects of your studies, and is available via smartphone and tablet as well as PC, ensuring the resources you need are always at your fingertips. You’ll find lecture notes and supporting material, recorded lectures, pre-laboratory information, problems and practice questions, assessed work, marking/feedback and vacation revision discussions on the VLE.

Immerse yourself in the study of Chemistry through our exceptional resources
ChemTube3D (www.chemtube3d.com) is our unique website housing interactive 3D animations covering some of the most important topics in an undergraduate chemistry degree. We use this extensively in lectures and for self-study, and the website attracts thousands of visitors every day. In addition, we provide all Chemistry students with enough books to cover the whole Chemistry programme in first and second year, along with all the necessary safety equipment, completely free of charge.
Study abroad
Our students have the exciting and distinctive opportunity of studying abroad at partners in China, USA, Canada and Australia. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. For more information, visit www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Chemistry, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future
Our graduates offer a wide range of skills including numeracy, problem solving and IT in addition to scientific skills. Visits to the Department by leading companies such as GlaxoSmithKline and Unilever ensure that you make contact with prospective employers at key stages in your final year. Graduates find employment in many areas, from the pharmaceutical industry to business management. Typical careers of our graduates include assistant analyst, development chemist, research assistant and site chemist.

How you learn
Laboratory classes in Years One and Two prepare you for independent laboratory work in Years Three and Four. In Year Three you will carry out mini research projects, while in Year Four you will carry out research alongside PhD and postdoctoral researchers on cutting-edge projects, often leading to a first scientific publication. Computational modelling and molecular visualisation are introduced as interactive animated models from Year One, reinforced as a key skill in later years and by Year Four of MChem programmes you will be able to perform your own calculations to underpin final year research projects.

Which degree?
Our MChem programmes are aimed at students who want to pursue careers as professional scientists, and in all of these programmes half of the final year is devoted to an advanced research project.

Our BSc programmes are aimed at students who want a sound scientific education, but who intend to progress to specialist postgraduate master’s (MSc) programmes or pursue careers other than scientific research.

All of our MChem and BSc programmes are accredited by the Royal Society of Chemistry. In addition to F102 MChem Chemistry and F100 BSc Chemistry we offer more specialised programmes:

- **F161 MChem Chemistry with Research in Industry** - students study all of the core MChem Chemistry modules in addition to spending Year Three as a paid employee working in a top industrial research laboratory in the UK or abroad. We also offer this as a BSc programme for students wanting the industrial experience, but not necessarily aiming for a career in research Chemistry
- **F1BF MChem Medicinal Chemistry with Pharmacology** - an ideal preparation for a career in pharmaceutical design and development. In addition to core Chemistry modules there are modules in Biomedical Sciences and Pharmacology. This option is also available as a three-year BSc programme
- **F103 MChem Chemistry for Sustainable Energy** - students will gain an understanding of the chemistry underlying sustainable energy and the skills and knowledge to change and develop systems away from fossil fuels to green energy.

Work experience opportunities
Students who take up the paid year in industrial research find it provides an excellent foundation for the final year at university and subsequent employment or postgraduate research. There are also opportunities for summer employment in the Department.
All programmes in this Department require two sciences at A level, including Chemistry. For applicants from England, where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the science practical in each subject will be required. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.

1. BBB offer with an A in EPQ.
2. Students will be invited to attend interview and take an assessment.
3. ABB offer with an A in EPQ.
4. Applicants should apply for F100.
5. Applicants should apply for F111.
6. Applicants should apply for F1B2.
7. Foundation programmes have flexible entry requirements. Contact E: degree@carmel.ac.uk for details.

Chemistry BSc (Hons)  
**UCAS code: F100**  
**Programme length: 3 years**

If you love Chemistry and want to keep your future career options open, this programme offers a solid grounding in all aspects of Chemistry, while allowing you to incorporate some non-chemical options to broaden your education.

Chemistry MChem  
**UCAS code: F102**  
**Programme length: 4 years**

Do you want to pursue a high-level research career as a professional chemist? If so, this is the degree for you. The final year brings you to the frontiers of Chemistry when you join one of the research teams in the Department.
**Chemistry with Research in Industry MChem**  
**UCAS code:** F161  
**Programme length:** 4 years

This is our most challenging programme, combining a complete MChem programme with a year of paid industrial research experience – an ideal combination if you wish to become a professional chemist and pursue a high-level research career in Chemistry after graduation. A one-year industrial placement will enhance your practical and intellectual skills and benefit you when you return for your final year – final degree performances are enhanced by a year in industry. In today’s competitive job market, prior industrial experience is also highly sought-after by employers.

**Chemistry with a Year in Industry BSc (Hons)**  
**UCAS code:** F111  
**Programme length:** 4 years

Like F100, this programme offers a solid grounding in Chemistry with the added bonus of a year’s paid work experience in an industrial setting. During this time, you work as part of a team on a cutting-edge project and write a report on the work you have carried out.

**Medicinal Chemistry with Pharmacology MChem**  
**UCAS code:** F1BF  
**Programme length:** 4 years

This four-year programme will give you a broad and detailed understanding of every aspect of Advanced Medicinal Chemistry and Pharmacology. On completion you will be ready to embark on a PhD in either Chemistry or Pharmacology or on a career in the pharmaceutical industry.

**Medicinal Chemistry BSc (Hons)**  
**UCAS code:** F1B2  
**Programme length:** 3 years

This programme will give you a solid grounding in all aspects of Chemistry combined with an introduction to Pharmacology, making it ideal for a wide range of career pathways, or further postgraduate training after your degree. For example, you may wish to become a teacher or take a specialised master’s programme before going on to a research career.

**Chemistry for Sustainable Energy MChem**  
**UCAS code:** F103  
**Programme length:** 4 years

Understanding the chemistry behind sustainable energy is central to creating the solutions to meet the world’s future energy needs. This MChem programme is unique in the UK and demonstrates the breadth and depth of research being carried out to address issues of sustainability and global energy demand.

**Chemical Sciences BSc (Hons)**  
**UCAS code:** F108  
**Programme length:** 4 (1+3) years

This is the ideal option if you think you want to start studying Chemistry at a lower level than the three-year BSc (Hons) Chemistry programme and are uncertain of an area of specialism.
Communication and Media

From political campaigns to celebrity scandals, from how we communicate with each other to how we spend our leisure time, the media is at the centre of our daily experiences and our understanding of the world. Liverpool’s flexible Communication and Media programmes address a wide range of questions about the modern media industry, news, communication and social interaction in a lively and creative environment which embraces innovation and change.

My programme allows you to connect to several fields at once, the communities of students you engage with are always changing, I like the range of perspectives you get via this connection, it means everyone approaches their studies from a different angle and brings something new to the table, every time.

Emily Rose Clark
Communication, Media and Popular Music BA (Hons)

Good to know:

109
Year One undergraduates in 2016

95% of our students said staff were good at explaining things (NSS 2016)

85% are employed or in further study within six months of graduating (Unistats 2016)

Offers study abroad opportunities

Offers a Year in China

Offers Honours Select combinations
Immerse yourself in a city known as a political and creative force

What better place to immerse yourself in the subject than Liverpool, a city with a reputation as a political and creative force, with a thriving production sector and a unique cultural heritage? The Department has close links to cultural industries and venues in the city, some of which collaborate with us in offering assessed work placements as part of our programme of study.

Join an expanding and vibrant Department

We are a long-established, forward-thinking Department with a national and international focus and an excellent track record in producing high quality graduates. In recent years, the Department has grown and we are now able to offer an even greater choice of modules, taught by staff with national and international reputations who are actively researching and publishing in their fields. Your Year One core modules will provide you with the key skills required to focus your studies during the remainder of your degree so as to develop your specialist interests and advance your career prospects. You have a free choice of modules after Year One, and our staff team will support you when you select the ones that are most appropriate for you.

Be part of our supportive community

Although we are expanding, we are still a small friendly Department with a family ethos, so personal interaction with students is at the heart of what we do. We seek to be approachable and responsive, with learning support, extensive feedback and pastoral care built in to all of our work with students. This is reflected in our consistently excellent student satisfaction results in the National Student Survey (NSS).

Gain the skills employers look for

A degree in Communication and Media will give you indispensable skills. Employers put a high value on graduates who have a broad commercial and cultural understanding of the media and creative industries, who can critically analyse a variety of texts, and who can show initiative and diligence in conducting independent research. In Years Two and Three we offer students the chance to gain invaluable experience through our study abroad and work experience opportunities.

Besides taking our dedicated work experience module, many Communication and Media students are involved in activities within the University, such as writing for and managing the online student newspaper and working at LSRadio, the local student radio station, whilst others choose to work locally with the support of our award-winning careers service. All these options develop skills which give our students the confidence to impress employers in the media sector and elsewhere.

Study abroad

As part of your Communication and Media degree at Liverpool you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Communication and Media students currently have opportunities to study abroad at universities in Australia, Hong Kong, the USA, Canada, New Zealand, France and the Netherlands. For more information visit www.liverpool.ac.uk/goabroad
Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments including Communication and Media, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future
Our graduates have gone on to a wide range of careers, including broadcasting, journalism, online media, advertising and marketing, corporate communications and public relations, arts administration, political campaigning (including political parties, trade unions and charities), management, government, and the civil service, as well as teaching in universities, colleges and schools.

Former graduates include a television documentary maker, a BBC Radio 1 DJ, a prize-winning novelist and film director, senior journalists at local and national newspapers, the features editor of a music weekly and the Chief Communications Officer of a large multinational.

How you learn
Weekly lectures and seminar discussions may be supplemented by screening sessions, presentations and opportunities for group work where appropriate. We regularly invite expert speakers and practitioners to speak to our students about their work. Some modules also make use of our Mac suite. Dissertation and work placement modules involve more independent study, but always under the careful individual supervision of a member of academic staff.

All students in Communication and Media will receive teaching in study skills as part of their core first year programme, with sessions including information literacy, essay writing, assessment and feedback, referencing, and degree progress.

We are committed to using a range of different forms of assessment, so types of assessment vary widely from module to module. Depending on your choice of modules, these may include coursework projects, essays, blogs, reports, literature reviews, writing exercises, presentations, online tests and unseen examinations.

Honours Select
Communication and Media is exceptionally well-suited as a partner for other subjects. Whichever subject you plan to study, it is likely that you will be more attractive to employers if you can also show an understanding of the media, and you are sure to find something within Communication and Media that is relevant to your subject. As a department, we have run joint degrees in combination with other subjects for many years, so we have plenty of experience with students studying two complementary subjects.

Our English and Communication Studies 50:50 degree (QP39) has run for over 25 years, attracting many talented and memorable graduates who have thrived on the creative synergies between these subjects. It remains our most popular Honours Select combination, and students now have the opportunity to specialise in English Language (QP93) or English Literature (PQ93).

Communication, Media and Popular Music (WN23) has been offered as a 50:50 degree for 15 years and was, for a long time, the only joint honours degree of its kind in the world. It particularly attracts students interested in music broadcasting, music journalism and events management, and has an exceptional record in placing graduates in those industries – from MTV through music radio to online music journalism.

Other subjects which combine particularly well with Communication and Media include:
• Film Studies
• Business
• Politics
• Sociology.
Communication and Media BA (Hons)  
UCAS code: P900  
Programme length: 3 years

Explore how communication systems such as news, cinema, broadcasting and online media shape and change our world. As your degree progresses, you will be able to specialise in areas including political communication, screen media, digital cultures, media writing, language and public relations. Throughout your degree, we will help you to develop your own skills so that you can stand out in the graduate job market, including the opportunity to undertake an assessed work placement.

Communication and Media Major

Given the interdisciplinary nature of our Communication and Media programme, it is easy to find a Minor subject to complement it. For 75% students, Year One is designed to give you the opportunity to study the same foundation modules as in the 100% programme and to accompany this with modules in your Minor subject. All Communication and Media modules will be open to you in Years Two and Three to allow you to specialise and consider your own particular interests.

Communication and Media Joint

Communication and Media is an interdisciplinary area of study so it makes an excellent partner for 50:50 combinations with another subject of your choice. After all, media coverage represents the most important method for communicating key issues and developments in most subject areas to the wider world. There will be plenty of opportunities for crossover between your other subject and Communication and Media, but you will still study core modules from both.

Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.
Communication and Media Minor

Studying Communication and Media as a Minor enables you to complement your Major subject with studies grounded in the globally-important and fast-changing world of media and communication. Minor students are introduced to key ideas in Year One and can select modules in Years Two and Three which combine well with their Major subject.

Communication and Media with a Year in Industry BA (Hons)
UCAS code: P901
Programme length: 4 years

On this programme you have the opportunity to apply for a salaried placement of approximately 40 weeks with a relevant employer, and thereby spend the third year of your degree in the workplace. Your reflexive written account of the experience, connecting it to your academic studies, will contribute towards your final degree result and your programme will conclude with a fourth and final year of academic study in Liverpool.

Please note: this programme will be available to Single Honours students in the first instance.
Computer Science

Ground-breaking developments in computer science have revolutionised our lives. With a seemingly endless demand for new generations of computer scientists to develop apps, algorithms and systems that will continue this revolution, the career prospects for computer science graduates have never been better. Whatever your prior experience of computing, a degree from the University of Liverpool will unlock these opportunities for you and kick-off your career as a computer scientist.

Having the ability to create and destroy so easily is unique to Computer Science. Software Development builds upon this and furthers your understanding and ability to build software. I like to think of it as my way of contributing back to the technology industry that I utilise so much. Since starting my programme here I’ve already been in contact with University of Liverpool alumni on LinkedIn about possible internships at Apple in the USA. However, I’m also looking at software engineering jobs in London. My dream companies to work for are Google, Apple or IBM.

Adam Jarvis
Computer Science with Software Development BSc (Hons)
Realise your potential
Computer science graduates are among the highest-earners globally: there is a huge demand from industry for computer programmers, data scientists, artificial intelligence researchers, systems analysts, software engineers, technical consultants and web developers. In 2016, six out of the 10 best performing global companies had a focus on information technology. Over 90% of Liverpool’s Computer Science graduates go onto well-paid graduate jobs with companies like Siemens, BAE Systems, BT, Unilever, Royal Bank of Scotland and Guardian Media Group. Some graduates reach senior management and directorial positions, others enter into self-employment via consultancy agencies or within their own start-up companies, and some choose to continue their studies at master's or PhD level and embark on a research career in academia or industry.

Create a degree to suit you
Computer Science is now a huge and diverse discipline and we realise that it can be difficult for students to decide upfront on the specific direction that they will take. Therefore, we give you the flexibility to tailor your learning to your own interests as they develop during your studies. You can either maintain a broad coverage of topics, or specialise by choosing from a wide selection of optional modules ranging from software engineering, big data and computer game development to robotics and financial computing. See ‘Which degree?’ section on page 90.

Learn from leading experts in a culture of research excellence
The Department is a Centre of Excellence with respect to teaching and research. The 2014 Research Excellence Framework rated 97% of our research outputs as being world-leading or internationally excellent, the highest proportion of any computer science department in the UK.

With our close industry partners, and our Russell Group status, we enjoy strong funding from a mixture of European, National and industrial sponsors, providing a balanced portfolio of activity that feeds back into teaching. This helps us ensure our programmes go beyond the practical application of the subject to inspire you about the possibilities of Computer Science. Thanks to our industry partnerships, we can inject a significant practical element into your degree programme, including project work, placements and career workshops.

Put your learning into practice through industry experience
We offer a wide range of options that allow you to gain in-depth experience of the application of computing in the real world by spending a year in industry. There are also many opportunities to widen your career prospects through Honours year industry-based projects, paid summer internships and University-supported work placements outside study time. This is against the background of Liverpool’s substantial and growing IT industry, with 700 related companies on Merseyside offering a wealth of employment opportunities on your doorstep. Through our programmes you can take part in the Microsoft IT-Academy Programme and qualify for Microsoft certification in Network and IT Systems Administration, Software Development, or Database Administration.
Have confidence for the future with our accredited degree programmes
Our Computer Science Single Honours BSc, MEng and MSc programmes have all been accredited by the British Computer Society and so open up a wide variety of career opportunities with excellent employment prospects.

Benefit from studying in a well-established department
Computer Science at the University of Liverpool has a history going back to the 1960s. As the subject grew in importance, the Department of Computer Science was established in 1983 to provide learning and research support in this new and exciting field that spans and interplays with more traditional subjects such as Mathematics, Physics, Biology and Engineering. After five decades, the Department is still rapidly growing and evolving and remains at the forefront of computer science globally. The Department was one of the first in the University to be involved in the collaboration with Xi’an Jiaotong-Liverpool University in China that has forged a strong international partnership for teaching and research between the two institutes.

We are housed in a grade II listed building which has been extensively refurbished for 21st century needs and challenges and provides state-of-the-art equipment and high-speed communication links. We teach in state-of-the-art PC and Mac laboratories running a variety of different operating systems, as well as iOS and Android tablets to encourage creativity and innovation within a stimulating environment in which to work and study. For those interested in autonomous and robotic systems, we also have dedicated labs where students can build and test their own Lego Mindstorms robots.

Study abroad
Computer Science students can study abroad at partner universities across the globe including the USA, Australia and Canada. The Department of Computer Science was one of the first in the University to be involved in the collaboration with Xi’an Jiaotong-Liverpool University in China that has forged a strong international partnership for teaching and research between the two institutes. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. For more information, visit www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme providing undergraduate students from a huge range of departments, including Computer Science, with the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

How you learn
Teaching is by a mix of formal lectures, small group tutorials and supervised laboratory-based practical sessions. Students also undertake individual and group projects. Key problem solving skills and employability skills, like presentation and teamwork skills, are developed throughout the programme.

Award-winning staff
The Department boasts several awards for our international research and also our module design and technology-enhanced learning approaches. In 2016, we also won the Liverpool University Guild of Students Teacher of the Year Award (Science and Engineering), as voted by the student body.
Commitment to Diversity and Equality
In recognition of its work on diversity and equality initiatives, the School of Electrical Engineering, Electronics and Computer Science holds an Athena SWAN Bronze Award. The Athena SWAN Charter was established by the Equality Challenge Unit to recognise work undertaken in higher education institutions to address gender equality. Our bronze award acknowledges that we are committed to promoting an equal and diverse environment for all students and staff within the School.

Which degree?
Based on an extensive analysis of current employment opportunities, and in consultation with both students and employers, we offer specialisms in Artificial Intelligence, Algorithms and Optimisation, Data Science and Software Development.

- **Artificial Intelligence** is an exciting and revolutionary field of Computer Science, with cutting-edge applications in areas as diverse as intelligent robotics and autonomous vehicles, healthcare, law, climate change, and computer games.
- **Algorithms** are at the heart of every computer system. Our Algorithms and Optimisation specialism will introduce you to the fascinating world of design, analysis and the optimisation of algorithms, covering a wide range of relevant areas from finance to information security, and from biological systems to social networks.
- Many cutting-edge applications of Computer Science are now data intensive, and data scientists are in high demand. Our **Data Science** specialism prepares you to fill the looming employment gap in the field of big data analytics, especially in the context of the skills required with respect to the application of High Performance Computing capabilities to address large scale data intensive problems that occur in many fields.
- **Software developers** bring system designs to life. Our **Software Development** specialism prepares our students to build commercial-ready systems in prominent domains such as networks, the Web, mobile apps and computer games.

All of our specialisms balance theory and practice, and develop the full gamut of technical and transferable skills that employers want.

Every student has a choice of:
- **Studying for either a three-year BSc or four-year MEng**. The four-year MEng is an enhanced BEng programme, which means that you have an extra year to study advanced topics and undertake group projects based on the needs of industry. Computer Science MEng (Hons) is ideal for those students who wish to incorporate a stronger element of research into their undergraduate studies.
- **Exploring work experience opportunities** via an optional ‘Year in Industry’. Spending one whole year employed by a host company, this popular option strengthens students’ employment prospects. Indeed, many students that take this option are offered permanent jobs with their host company after their degree.
- **Transferring to our MEng Computer Science with Education programme** with recommendation for QTS. All computer science students have the option to apply to transfer to our MEng Computer Science with Education with Recommendation for Qualified Teacher Status (QTS) degree after their second year of study if they wish to supplement their degree with a teaching qualification.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
## Degrees

<table>
<thead>
<tr>
<th>Degree Description</th>
<th>A level</th>
<th>IB</th>
<th>BTEC (Level 3 Extended Diploma)</th>
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<tbody>
<tr>
<td>Computer Science BSc (Hons) G400 3 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
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<tr>
<td>Computer Science with a Year in Industry BSc (Hons) G403 4 years</td>
<td>ABB</td>
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<tr>
<td>Computer Science MEng (Hons) G401 4 years</td>
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<td>Not accepted</td>
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<tr>
<td>Computer Science with Software Development BSc (Hons) G610 3 years</td>
<td>ABB</td>
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<td>D*DD in relevant diploma</td>
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<tr>
<td>Computer Science with Software Development with a Year in Industry BSc (Hons) G611 4 years</td>
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<td>D*DD in relevant diploma</td>
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<tr>
<td>Computer Science BSc (Hons) (Foundation) (4-year route with Carmel College) G408 4 (1+3) years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>92</td>
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<tr>
<td>Financial Computing BSc (Hons) GN34 3 Years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>93</td>
</tr>
<tr>
<td>Financial Computing with a Year in Industry BSc (Hons) G3N4 4 Years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>93</td>
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<tr>
<td>Mathematics and Computer Science BSc (Hons) G614 3 years</td>
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<td>D*DD in relevant diploma</td>
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<tr>
<td>Mathematics and Computer Science with a Year in Industry BSc (Hons) GG16 4 years</td>
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<td>D*DD in relevant diploma</td>
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<tr>
<td>Computer Science with Education MEng N/A 4 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>93</td>
</tr>
</tbody>
</table>

### Degrees offered with other departments

- **Computer Science and Electronic Engineering**
  - **BEng (Hons)** HH66 3 years: See Electrical Engineering and Electronics 120
  - **Computer Science and Electronic Engineering with a Year in Industry BEng (Hons) HG6L 4 years**: See Electrical Engineering and Electronics 120
  - **Computer Science and Electronic Engineering MEng (Hons) GHK6 4 years**: See Electrical Engineering and Electronics 120

For programmes in this Department the inclusion of Computing/Computer Science or a mathematical subject (Mathematics, Further Mathematics, Pure Mathematics and Physics) at A level is required. For applicants from England, where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the science practical in each subject will be required. The subject requirement can be replaced with BTEC Further Mathematics. For G610 and G611 if the subject requirement is not met, the offer will typically be higher. G400 offers specialisms in Artificial Intelligence, Algorithms and Optimisation and Data Science. For GG14 and GG16 Mathematics A level at grade A is required. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ. The entry requirements shown are a guide only. See [www.liverpool.ac.uk/computer-science/undergraduate/programmes](http://www.liverpool.ac.uk/computer-science/undergraduate/programmes) for specific requirements.

1. BBB offer with an A in EPQ.
2. A level subject requirements applies but can be replaced with BTEC Further Mathematics.
3. ABB offer with an A in EPQ.
4. If Computing/Computer Science or a mathematical subject (Mathematics, Further Mathematics, Pure Mathematics and Physics) at A level is not taken, the offer will typically be AAB or ABB with an A in EPQ.
5. Foundation programmes have flexible entry requirements. Contact E: degree@carmel.ac.uk
6. ABC with the A in Mathematics and an A in EPQ.
7. Mathematics A level at grade A required.
8. Mathematics A level also required.
9. Students can apply for this programme at the end of Year Two.
**Computer Science BSc (Hons)**
- with specialism in Artificial Intelligence
- with specialism in Algorithms and Optimisation
- with specialism in Data Science

UCAS code: G400  
Programme length: 3 years

**Computer Science with Software Development BSc (Hons)**

UCAS code: G610  
Programme length: 3 years

**Year in Industry option**

UCAS codes: G403, G611  
Programme length: 4 years

**Computer Science MEng (Hons)**

UCAS code: G401  
Programme length: 4 years

Computer Science is a broad area which includes designing and building hardware and software systems for a wide range of purposes and processing, structuring and managing various kinds of information. Covering all aspects of Computer Science, including the underlying principles and theory, this programme will ensure that when you graduate you will know what is and isn’t possible with computers and be able to find solutions to the problems you will encounter in your professional life.

You can choose to maintain a mixture of modules throughout your degree or follow a specialist’s pathway in Artificial Intelligence, Algorithms and Optimisation or Data Science. Computer Science with Software Development (G610) is a pathway for those wanting to specialise in development, updating and widespread application of complex software.

Studying Computer Science MEng (G401)
You will not only develop a good ‘all-round’ understanding of the academic discipline of Computer Science, you will also go on to develop a much deeper and systematic specialisation in topics at the forefront of current research. This integrated master’s programme offers the same specialism pathways as G400.

On G403 and G611 you spend a year on industrial placement acquiring experience and awareness of practical business and industrial environments.

**Computer Science BSc (Hons) (Foundation) (4-year route with Carmel College)**

UCAS code: G408  
Programme length: 4 (1+3) years

This programme provides a four-year route into the Computer Science BSc (Hons) degrees. You will spend your first year at Carmel College in St Helens, about nine miles from the main University campus. The college offers small class sizes and high standards of academic achievement.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Financial Computing BSc (Hons)  
UCAS code: GN34  
Programme length: 3 years

Financial Computing with a Year in Industry BSc (Hons)  
UCAS code: G3N4  
Programme length: 4 years

Financial Computing is at the very heart of the world’s global financial centres, from Wall Street to Chicago, London and Tokyo. Taught in conjunction with the Management School and bringing together finance, economics and computing, this dynamic programme will develop your knowledge and skills in aspects of financial services from understanding and creating algorithms; financial accounting; designing, implementing and evaluating software systems to analysing stock portfolios and operating financial markets.

On G3N4 you spend a year on industrial placement acquiring experience and awareness of practical business and industrial environments.

Mathematics and Computer Science BSc (Hons)  
UCAS code: GG14  
Programme length: 3 years

Mathematics and Computer Science with a Year in Industry BSc (Hons)  
UCAS code: GG16  
Programme length: 4 years

Mathematicians and Computer Scientists are amongst the most highly-prized graduates today. On this programme, you will divide your studies more or less equally between the two subjects, studying modules from Mathematics (G100) and Computer Science (G400).

On GG16 you spend a year on industrial placement acquiring experience and awareness of practical business and industrial environments.

Computer Science with Education MEng  
UCAS code: N/A. Students can apply at the end of Year Two  
Programme length: 4 years

The University of Liverpool is one of the first universities in the UK to offer undergraduate students the opportunity to complete a master’s in Computer Science with Education (with recommendation for QTS) degree programme, satisfying the criteria to become a computer science teacher.

This unique degree programme is part of a joint degree enabling students to qualify with the necessary skills, experience and qualifications to teach in England after their graduation. We pride ourselves on the flexibility we offer with our degree programmes and any computer science undergraduates interested in doing this degree only need to confirm if they want to do the MEng degree with Education by the end of Year Two.
Dentistry

At Liverpool we’ll train you to be a working dental professional. Your learning will always benefit from being in context and applied. With 160 clinical dental chairs and a busy dental hospital on-site, we can offer you first-rate clinical training, complemented by innovative learning suites that feature interactive technology.

The BDS at Liverpool follows a problem-based learning syllabus whereby you are given scenarios and expected to go and conduct independent research based on these. This independent study is supported by lectures, plenaries and anatomy lessons which ensure you get a full well rounded understanding of the problems. Each year more elements or specialties are added to the teaching, which means by Year Five you will have a broad perspective and understanding about the profession and are well prepared to go out into the “real” world.

Dapo Alagbe
Dental Surgery BDS

Good to know:

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Year One undergraduates in 2016
100% are employed or in further study within six months of graduating (Destination of Leavers from Higher Education 2014/15)
98% are happy with the teaching on their programme (NSS 2016)
98% of our students feel that their programme has benefitted their personal development (NSS 2016)
Why choose Dentistry at Liverpool?

Enjoy tuition from senior practising clinicians
You’ll be taught by our most experienced practising clinicians. They’re part of the extensive support network you’ll enjoy during your studies here. With the clinical experience on offer you can be confident you’ll graduate as the complete dental professional.

Benefit from supportive, research informed and innovative learning
Throughout our history we’ve been pioneers in the biology and practice of dentistry. We are based in the Faculty of Health and Life Sciences and the Faculty’s research directly influences your teaching. We have a dynamic online assessment system that lets you plan your study, review your progress with lecturers, get feedback and log your own impressive e-portfolio of work. This gives you a real sense of responsibility for your personal learning and progress, and for the management of your patients’ care, all vital skills for your career.

Study in leading facilities
Your clinical training is complemented by learning suites that feature simulation and interactive technology. You’ll have access to 160 clinical dental chairs, the busy dental hospital which manages over 60,000 patient attendances, and a £7 million research facility.

Strengthen your career with hands-on experience
Your preventative-orientated programme is taught holistically and in the context of the primary care services. Our problem-based approach and excellent network of clinical placements mean that, alongside academic and professional skills, you will gain practical experience and apply your knowledge early in your studies, preparing you to become an excellent dentist from day one.

Your future
There is a wide range of career opportunities within the profession. The majority of BDS graduates will choose general dental practice within the NHS and in the private sector, whilst others might choose one of the hospital specialities, the community dental service, university teaching, or the armed forces.

Around 80% will go into general dental practice, becoming partners or associates within the practice.

How you learn
For BDS students, the early years are predominantly student centred learning with problem-based learning (PBL), supported by lectures. Clinical training in subsequent years continues this method of learning and is supplemented by small group teaching and lectures throughout Years Two, Three, Four and Five. Much of the clinical experience is gained with students treating patients in the different clinics in the Dental Hospital under close supervision of the staff.

Duty of care
The University has an obligation to undertake health screening of all prospective dental students. Any offer of a place is conditional on completion of a health questionnaire and a satisfactory assessment of fitness to train from the University’s Occupational Health Service. This includes some obligatory immunisations and blood tests, in line with recommendations from the Department of Health. All students also need to undergo an enhanced DBS check before admittance to the programme.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Degrees

<table>
<thead>
<tr>
<th>Degree</th>
<th>Code</th>
<th>Duration</th>
<th>Typical Offer</th>
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<tbody>
<tr>
<td>Bachelor of Dental Surgery BDS A200 5 years</td>
<td></td>
<td></td>
<td>AAA 36 Not accepted</td>
<td>99</td>
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<tr>
<td>Bachelor of Dental Surgery BDS (Graduate Entry Pathway) A201 4 years</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Dental Hygiene and Dental Therapy BSc (Hons) B750 3 years</td>
<td></td>
<td></td>
<td></td>
<td>99</td>
</tr>
<tr>
<td>Foundation to Health and Veterinary Studies (Year 0) 0AAW 1 year</td>
<td></td>
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<td>99</td>
</tr>
</tbody>
</table>

All applicants for the A200 programme should read the admissions document at www.liverpool.ac.uk/study/undergraduate/courses/dental-surgery-bds/overview/ prior to applying. All admissions documents contain further information and current application criteria. For A200, A level Chemistry and Biology are required. The third subject may be anything from the arts or sciences, although General Studies, Critical Thinking, Citizenship Studies and applied A levels are not accepted. Requirements in respect of GCSEs must also be met (see admissions document). All A200 and A201 applicants must complete the UKCAT by the appropriate closing date for year of entry. Applicants to the graduate entry pathway (A201) must have been awarded a minimum 2.1 Honours Degree from an approved institution and be able to demonstrate that their first degree satisfies the Learning Outcomes of Year One BDS by completing the Verification of Prior Learning form at www.liverpool.ac.uk/study/undergraduate/courses/dental-surgery-bds-graduate-entry/overview/. Applicants must also fulfil A level and GCSE requirements. Further details are available in the admissions document at www.liverpool.ac.uk/study/undergraduate/courses/dental-surgery-bds-graduate-entry/overview/. Applicants to B750 (Dental Hygiene and Dental Therapy BSc (Hons)) should read the admissions document at www.liverpool.ac.uk/study/undergraduate/courses/dental-hygiene-and-therapy-bsc-hons/overview/ prior to applying. Offers are subject to interview.

Details about the Foundation to Health and Veterinary Studies (Dental Pathway) programme can be found at www.liverpool.ac.uk/study/undergraduate/courses/foundation-to-health-studies-year-0/overview/. Further information is available from E: s.hollywood@liverpool.ac.uk T: +44 (0)151 794 9490.
Bachelor of Dental Surgery BDS
UCAS code: A200
Programme length: 5 years
Becoming a dentist is hard work, but the rewards are huge, including the job satisfaction of delivering a highly professional and personal, community-based job. On successful completion of the programme you’ll be granted a Bachelor of Dental Surgery degree that is accredited by the General Dental Council.

Bachelor of Dental Surgery BDS (Graduate Entry Pathway)
UCAS code: A201
Programme length: 4 years
Building on the knowledge gained in your first degree, you will be integrated into Year Two of the five-year programme.

Dental Hygiene and Dental Therapy BSc (Hons)
UCAS code: B750
Programme length: 3 years
This full-time programme is studied over three years. The operative techniques training takes place in a state of the art purpose-built clinical skills laboratory. Clinical training is integrated into and complements the taught modules of the programme.

Foundation to Health and Veterinary Studies (Year 0)
UCAS code (Dentistry Pathway): 0AAW
Programme length: 1 year
The University of Liverpool, in collaboration with local FE partners, has developed a Year Zero Foundation Programme for Home/EU students that leads to access onto a variety of vocational Health Studies programmes. Students wishing to study Dentistry follow a pathway that is offered at Carmel College, St Helens. Successful completion, to the specified standard, of this one year programme ensures automatic progression onto degree programmes at the University of Liverpool in Dentistry.

Please note: Students who have previously applied for undergraduate programmes in the School of Dentistry would not normally be considered for this route, which is specifically targeted at Home/ EU adult learners with appropriate workplace experience or young people with vocational rather than A level qualifications. When applying, you must ensure that you apply for one programme that you wish to progress on to. Multiple applications will be rejected and result in disappointment. We will also not consider applications from applicants who have multiple UCAS applications for a variety of programmes, as this does not demonstrate a clear commitment.

For further information on how to apply to this programme please contact Sean Hollywood on T: +44 (0)151 794 9490 E: s.hollywood@liverpool.ac.uk or visit www.liverpool.ac.uk/study/undergraduate/courses/foundation-to-health-studies-year-0/overview/
Earth Sciences

Earth Sciences at Liverpool offers accredited degrees in Geology, Geophysics and Geology and Physical Geography that are highly valued by employers and will prepare you for a rewarding future career. Our interdisciplinary programmes will enable you to keep your degree options open so that you can specialise in the area that interests you.

I was surprised at how deep the subject actually goes. It’s easy to say we just look at rocks but so much of society relies on the interpretation of geological processes, such as natural hazard management, natural resources and even planetary sciences. The Department also has close connections with industry so this has given me a broader understanding of the practical applications of the subject.

Joshua Vaughan-Hammon
Geology MESci (Hons)
Why choose Earth Sciences at Liverpool?

**Benefit from access to our world-class teaching facilities**
Our award-winning teaching laboratories are the most advanced in Europe and offer you an inspiring environment to learn in. You’ll be taught to confidently use state-of-the-art research and industry standard equipment during your degree.

**Have confidence for the future with our accredited degree programmes**
Our degree programmes are accredited by professional bodies, demonstrating that you have gained the skills necessary for a professional career in your chosen field, and enabling you to become professionally chartered. Geology degrees are recognised by the Geological Society of London and Geophysics degrees are recognised by the Institute of Physics. You will build the skills necessary for many areas of employment from environmental protection and consultancy, planning and conservation, through to the petroleum, geotechnical and mineral extraction industries and careers in scientific research or academia.

**Keep your options open with our interdisciplinary programmes**
Whichever programme you decide to study in Earth Sciences, we offer world-class experts in geology, geophysics, marine biology and oceanography giving you the opportunity to take optional modules in an unequalled variety of disciplines.

**Develop academically with support from our network of staff and access to research groups**
You’ll join a Department with an excellent reputation for both teaching and research, providing you with a stimulating environment in which to study. You’ll be taught by research-active staff, at the forefront of their chosen fields and this research-led teaching ensures that you’ll learn about cutting-edge science before it appears in textbooks.

You’ll also have the opportunity to undertake project work within the Department’s research groups.

**Fulfil your potential in a supportive environment**
Our excellent staff to student ratio means you will never be an anonymous student in an enormous class and you’ll have the opportunity to get to know all staff in the Department. You will have fortnightly tutorials with a member of academic staff in Years One and Two, and you will be assigned a personal tutor, who can offer guidance and support throughout your time at the University. We also have a very active Earth Sciences student society ‘The Herdman Society’, which runs academic and social events from guest lectures and fieldtrips to Gala dinners, symposiums and sports events.

**Complement your studies with extensive fieldwork opportunities**
Field classes are an important part of all our Earth Science degree programmes, allowing you to step out of the classroom and witness Earth processes first hand, in a variety of locations. By the time you graduate our extensive field training will have equipped you with the specific practical skills necessary for a career in the Earth Sciences, and you will have developed transferable life-skills and independent thinking.

**Study abroad**
We offer both Geology and Geophysics degree programmes with a year in North America. Students on the F601, F641 and FF68 programmes can apply to spend a semester at partner universities in Australia and New Zealand. Most of our field courses are based abroad and many students choose to carry out their Year Three independent field project working abroad. For more information, visit [www.liverpool.ac.uk/goabroad](http://www.liverpool.ac.uk/goabroad)

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Year in China

The Year in China is the University of Liverpool's exciting flagship programme enabling undergraduate students from a huge range of departments, including Earth, Ocean and Ecological Sciences, the opportunity to spend one year at our sister university Xi'an Jiaotong-Liverpool University (XJTLU), following XJTLU's BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future

There has never been a better time to study Earth Sciences. Many of the fundamental questions of our times will be answered by geoscientists, as we seek to provide sustainable resources for the world’s population, as well as predict and mitigate climate change and natural hazards by building a better understanding of the planet on which we live.

The majority of our recent graduates have gained employment within a degree-related field or continued within further education after graduation. We have close links with geoscience and environmental industries ensuring that our degrees properly equip you for future employment. The truly interdisciplinary nature of our degrees additionally makes graduates in the Earth Sciences highly sought after by other employment sectors.

Work experience opportunities

Our students often successfully complete internships in industry during university vacations. Many of the academic staff in the Department have worked outside of academia and can provide support and guidance in finding a suitable placement.

How you learn

Teaching takes place through lectures, practicals, workshops, seminars, tutorials and fieldwork, with an emphasis on learning through doing. The award-winning Central Teaching Laboratories, provide a state-of-the-art facility for undergraduate practical work. Students value the learning opportunities provided by field classes, including the rapid and detailed feedback on performance.

You will typically receive 15-20 hours of formal teaching each week, and complete between 50 and 100 days of residential fieldwork over the course of their programme. In Years Three and Four you will carry out independent research projects on a topic and location of your choice. All projects are supervised by a member of staff who will meet with you on a weekly or more frequent basis.

Please note: a number of the Department’s programmes involve laboratory and field work. The field work is carried out in various locations, ranging from inner city to coastal and mountainous environments. We consider applications from prospective disabled students on the same basis as all other students, and reasonable adjustments will be considered to address barriers to access.

Which degree?

Our degrees are flexible allowing you to tailor the degree programme to follow your evolving scientific and employment interests. It is possible to change between a BSc (Hons) programme and an MESci (Hons) degree during your studies, and high achievers often opt to move onto our integrated master’s programme.

Geology: Geology is the science of the Earth, including everything from the deep Earth interior through to the sediments on the Earth’s surface. It is a truly interdisciplinary subject, encompassing many aspects of Physics, Chemistry, Biology and Maths, making it very appealing to employers in all industry sectors.

Geology and Physical Geography: Our Geology and Physical Geography degrees offer a unique and truly integrated programme, which has been carefully designed to provide training in both Earth surface processes and geology, drawing on the complementary expertise of academic staff in both subjects.

Geophysics: Geophysics investigates the fundamental structure and evolution of our planet. It involves the application of physical principles to the study of the Earth, and increasingly, the other planets. We are unique in the range of geophysics degrees we offer.

Accreditation

All our degrees are accredited by the Geological Society of London, or for Geophysics (Physics) by the Institute of Physics.
<table>
<thead>
<tr>
<th>Degrees offered with other departments</th>
<th>See Environmental Science</th>
</tr>
</thead>
</table>

All programmes require two science subjects at A level (Mathematics, Physics, Chemistry, Biology, Further Maths, Applied Science, Environmental Science, Geology, Geography). Geophysics programmes (F641, F640, F660, F656) require Physics and Mathematics. For applicants from England, where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the science practical in each subject will be required. BTEC applicants may transfer to a MESci after completing Year One at a suitable level. For F6F8 a level Archaeology will be considered on an individual basis, further to an interview with the Admissions Tutor. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants with an EPQ will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.

1. BBB offer with an A in EPQ.
2. ABB offer with an A in EPQ.
3. Applicants should apply for F600.
4. Applicants should apply for F640.
5. Applicants should apply for F6F8.
6. Foundation programmes have flexible entry requirements.

Contact: degree@carmel.ac.uk for details.
Discover planet Earth: from natural hazards to natural resources, from the history of life to the history of the planet itself. You don’t need to have studied Geology before and this programme can open the door to a career as a professional geologist in industries such as petroleum, mineral resources, engineering geology and environmental assessment. You will gain a thorough and highly practical training in modern geology, with a strong emphasis on fieldwork.

F601 shares the first two years with F600, with the final two years providing more advanced training in all aspects of geology. You choose from a wide range of applied and more academic modules to create your own pathway. Again, there is high level of field-based training designed specifically to give you skills in data analysis, synthesis, problem solving, research and reporting your results. Semester two of Year Three can be spent abroad at a partner university in North America.

This degree is accredited by the Geological Society of London, satisfying the requirements of Fellowship and Chartered Geologist status.
Geology and Physical Geography BSc (Hons)
UCAS code: F6F8
Programme length: 3 years

Geology and Physical Geography MESci (Hons)
UCAS code: FF68
Programme length: 4 years

The Earth surface system is dynamic and diverse, with changes driven by the interplay of physical, chemical, geological and biological processes in a wide range of environments. Drawing on the complementary expertise of staff in Geology and Physical Geography, this integrated degree programme provides a clear view of the controlling processes that link landscape evolution with environmental change and natural events that impact human activity. Fieldwork in Years Two and Three at Liverpool is designed specifically for this degree programme integrating geology and geomorphology. Students have academic tutors from both disciplines in Years One and Two. Graduates from F6F8 (BSc) either gain employment directly or proceed to vocational MSc (such as Recent Environmental Change, Engineering Geology, Hydrogeology) or PhD degree programmes.

The first two years of FF68 (MESci) are shared with the BSc programme. The final two years provide a wider choice of taught modules and a comprehensive fieldwork programme. In addition, you have the opportunity to design and undertake a major individual research project that will provide you with skills in analysis, synthesis, problem solving, and reporting. The unique range of skills that MESci Geology and Physical Geography students develop make them attractive to employers in the geotechnical and resource exploration industries, as well as the environmental monitoring, surveying and planning sectors.

This degree is accredited by the Geological Society of London, satisfying the requirements of Fellowship and Chartered Geologist status.

Geophysics (Geology) BSc (Hons)
UCAS code: F640
Programme length: 3 years

This degree provides high-level training in geophysics with supporting geology, and including fundamental university training in physics and mathematics. This programme is particularly strong for careers in interpretation and processing of geophysical data, and research areas related to geological applications. Transfer to a Geology degree is possible up to the end of Year One.

This degree is accredited by the Geological Society of London, satisfying the requirements of Fellowship and Chartered Geologist status.

Geophysics (North America) MESci (Hons)
UCAS code: F660
Programme length: 4 years

The first two years of this four-year degree are shared with the F640 programme whilst the final two years provide more advanced training. Your third year will be spent at a sister department in North America or Australia, where you will have the opportunity to experience a different culture and learning environment, along with access to diverse subject areas. Current links include the University of Georgia; the University of Illinois at Urbana-Champaign; McGill University, Montreal, Canada; Toronto University in Canada and Monash University in Melbourne, Australia. The number of places available on this degree programme is limited. If you apply, but don't achieve the required grades, you will be offered a place on either F641 or F640, provided you obtain the required grades for those programmes.

This degree is accredited by the Geological Society of London, satisfying the requirements of Fellowship and Chartered Geologist status.
Geophysics (Physics) BSc (Hons)
UCAS code: F656
Programme length: 3 years

This programme provides training in the principles and practice of geophysics with an emphasis on pure and practical physics. High level training is given in geophysics with supporting physics, providing classical physics training to second year university level, and including university training in geology and mathematics. The programme is particularly strong for careers in geophysical data analysis, and research areas related to global geophysics and planetary science.

Transfer to a Physics degree is possible up to the end of Year One. This degree is recognised by the Institute of Physics.

Earth Sciences entry route leading to BSc (Hons) (4-year route including a Foundation Year at Carmel College)
UCAS code: F608
Programme length: 4 (1+3) years

This programme provides a route into a number of BSc (Hons) degrees in Earth or Ocean Sciences; it is especially suitable for students without a strong background in science. You will follow a Foundation Year at Carmel College (St Helens, nine miles from the University of Liverpool), where the class sizes are small and the standards of academic achievement high.
Ecology and Marine Biology

Liverpool has long led the way in teaching and research of these subjects. We are the first UK University to offer a degree in Marine Biology and our teaching staff includes world-leading academics in marine and terrestrial ecology, biodiversity and conservation. We are part of the School of Environmental Sciences so your studies will benefit from our shared links with Ocean Sciences, Geography, Earth Sciences and the School of Life Sciences.

There are a diverse amount of learning opportunities available. Whether this be in lectures, developing practical skills or going abroad to undertake work placements, there are always chances to get involved. My overseas placement has inspired me to take a different path within environmental sustainability, and I would now like to work closely with legislation and will be applying for positions within environment-related government agencies.

Ruby Temple-Long
Marine Biology BSc (Hons)
Why choose Ecology and Marine Biology at Liverpool?

Be part of a group whose world-leading research is helping to tackle today’s greatest environmental challenges
Our research into the vulnerability of marine species and habitats to fishing, global climate change and coastal development is helping organisations such as the Department for Environment, Food and Rural Affairs, the Intergovernmental Panel on Climate Change and the International Council for the Exploration of the Sea to develop sustainable management plans.

Bring your studies to life with field teaching
Field teaching is at the centre of learning in all years, because it gives students a practical hands-on experience to gain an understanding of the natural environment that cannot be achieved in the classroom alone. Our residential field course locations currently include Pembrokeshire, Devon and the west coast and highlands of Scotland but we also regularly get out into the local area around North West England and North Wales.

Broaden your perspective by experiencing study overseas
All of our students organise and undertake an independent study visit overseas to a country of their choice. This gives you vital scientific work experience on a subject that interests you. You will also learn about the culture and biodiversity of another country and expand your network of contacts. An increasing number of our students take the chance to study abroad during their second year with one of our exchange partners in countries such as Australia, Canada, Malaysia and Sweden.

Benefit from our excellent facilities and partnerships
Our outstanding facilities include our custom-built remotely operated underwater vehicles (ROVs), long-term field study sites, and the award-winning Central Teaching Laboratories (CTL). Students use the CTL’s state-of-the-art facilities and equipment for practical work, field work and analytical skills such as Geographical Information Systems (GIS). Liverpool hosts the National Oceanography Centre (NOC) who contribute to research-led teaching. Local, national and international partners including World Museum Liverpool, RSPB and the Marine Biological Association help with field teaching and research projects.

Thrive in our friendly and supportive atmosphere
From day one, you will study with fellow students from your programme, on modules designed specifically for you. Intensive field courses and projects will give you the opportunity to work closely with our award-winning academic staff. Throughout your studies, your personal tutor will guide and support you and help to prepare you for the next step in your career.

Study abroad
As part of your degree programme you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Current opportunities include Lund University, Sweden, through the Erasmus+ programme, as well as a number of our worldwide exchange partnerships including Australia, Canada and Malaysia. For more information, visit www.liverpool.ac.uk/goabroad

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Year in China

The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from across the University, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future

Our graduates have a diverse range of careers, including media, environmental consultancy, administration, academia, teaching, local and national government and international banking. Recent graduates who have careers within the sector include fisheries observers, seabird research assistant, field assistant on mammal surveys, rangers and conducting environmental surveys for construction work. Many choose to continue their studies at master’s or PhD level on topics such as fish assemblages in mangroves, marine ecosystem responses to climate change and carbon sequestration in soils.

How you learn

Teaching strategies include a mix of lectures, tutorials, workshops, field classes, research vessel cruises, laboratory work, computer sessions, group projects and individual work under supervision. You will typically receive around 15 hours of formal teaching each week, as well as about 60 hours on residential field courses each year. You will study four modules per semester. A module might involve two one-hour lectures each week, and a laboratory or computer-based practical as well. Tutorials are an integral part of our approach, involving groups of 5-7 students meeting regularly with a member of academic staff to discuss study skills, careers, current research and topical issues.

As you progress through your degree, you are increasingly challenged to engage with current debates, to think critically and to study independently. You will do an ‘Honours Project’ throughout Year Three, which is a piece of independent research (field, lab or data analysis) on a topic of your choice, supervised by a member of academic staff. If you opt for the four-year integrated master’s programmes, you will spend 50% of your final year on a ‘master’s project’ working closely within a research group on an area which may well generate publishable results.

Please note: a number of the Department’s programmes involve laboratory and field work. The field work is carried out in various locations, ranging from inner city to coastal and mountainous environments. We consider applications from prospective disabled students on the same basis as all other students, and reasonable adjustments will be considered to address barriers to access.

Which degree?

We offer three BSc (Hons) degrees and two four-year integrated master’s. Marine Biology is the study of all life in the sea, from the physiology and behaviour of individual organisms to the structure and organisation of entire marine communities. Marine Biology with Oceanography focuses on how physical and chemical processes in the oceans shape these biological interactions. Conservation and Biodiversity incorporates the study of all ecosystems, including terrestrial and freshwater, how their residents interact with each other and in particular their response to human influences in this era of global change. In the first year of study there are several common elements between all of our programmes, so if you are not sure, you can very easily switch between them. We also offer a popular foundation route with a year at Carmel College.
## Degrees

<table>
<thead>
<tr>
<th>Program</th>
<th>Code</th>
<th>Duration</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conservation and Biodiversity BSc (Hons)</td>
<td>C192</td>
<td>3 years</td>
<td>ABB, 33 D*DD</td>
</tr>
<tr>
<td>Conservation and Biodiversity MEng (Hons)</td>
<td>C180</td>
<td>4 years</td>
<td>ABB, 35 D*DD</td>
</tr>
<tr>
<td>Marine Biology BSc (Hons)</td>
<td>C160</td>
<td>3 years</td>
<td>ABB, 33 D*DD</td>
</tr>
<tr>
<td>Marine Biology MMarBiol (Hons)</td>
<td>C161</td>
<td>4 years</td>
<td>ABB, 35 D*DD</td>
</tr>
<tr>
<td>Marine Biology with Oceanography</td>
<td></td>
<td></td>
<td>ABB, 33 D*DD</td>
</tr>
<tr>
<td>Biological Sciences leading to BSc (Hons) (4-year route including a Foundation Year at Carmel College)</td>
<td>C108</td>
<td>4 (1+3) years</td>
<td>See Life Sciences</td>
</tr>
</tbody>
</table>

### Degrees offered with other departments

- Environmental Science BSc (Hons) F750 3 years
- Biological Sciences leading to BSc (Hons)

All programmes require Biology and one other science (e.g., Mathematics, Physics, Chemistry, Geography or Geology) at A level. For applicants from England, where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the science practical in each subject will be required. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants with an EPQ will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.

**(1) BBB offer with an A in EPQ.**

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Conservation and Biodiversity BSc (Hons)
UCAS code: C192
Programme length: 3 years

Conservation and Biodiversity MIEcol (Hons)
UCAS code: C180
Programme length: 4 years

Our planet’s biodiversity is facing profound challenges which require a supply of skilled and qualified graduates in the environmental sector. Our programmes cover key ecological concepts and practical skills, with as much fieldwork as possible and an emphasis on applied science and conservation.

Our four-year integrated master’s programme (C180) is designed to train high-performing students to the best possible standard to prepare them for PhD research and employment.

Marine Biology BSc (Hons)
UCAS code: C160
Programme length: 3 years

Marine Biology MMarBiol (Hons)
UCAS code: C161
Programme length: 4 years

From microscopic algae to giant whales, most of our planet’s life is found in the oceans. As a marine biologist, you will learn about the behaviour, physiology, and ecology of marine organisms, and how marine food webs are influenced by global warming and fisheries. We produce highly employable marine biologists, able to apply their knowledge and skills to fields including monitoring, pollution, conservation, and aquaculture.

Our four-year integrated master’s programme is designed to train high performing Marine Biologists to the best possible standard to prepare them for PhD research and employment.

Life first emerged in the ocean and has spread throughout this dynamic environment. The distribution, growth and success of marine organisms is affected by the interaction of biological, chemical and physical processes operating in the ocean. You will study the interaction between the biology of marine organisms, the composition and properties of seawater and the physical processes operating in the oceans. There is a strong emphasis on marine sustainability and ecosystem management, marine biogeochemistry, the climate system and numerical skills. Training at sea, in the field, and in the laboratory in Years One, Two and Three will provide you with the essential skills required to be a successful marine scientist including practical experience of data collection and processing, analysis and interpretation.
Electrical Engineering and Electronics

Electrical Engineering and Electronics at Liverpool offers an exciting range of degree programmes which address all of the major subject areas underpinning the technology based modern economy. Whether your interests are in robotics, computers, power systems, communications networks or the internet-of-things, our range of degrees will give you a head start.

Good to know:

- 94 Year One undergraduates in 2016
- 90% of students agree staff are good at explaining things (NSS 2016)
- 90% of students are ‘satisfied’ with their programme (NSS 2016)
- 90% of our graduates who are in employment six months after graduating, have a professional or managerial job (Unistats)
- Offers study abroad opportunities
- Offers a Year in China

Electrical energy is everywhere but the biggest challenge we are facing now is creating energy from sustainable sources. The programme structure offers a balance between theory and practical application and focuses a lot on this sustainability aspect, be it for a power station or software project, and provides solutions to radically reduce the damage caused to the environment. At Liverpool the Department also has good links with relevant industries so you can see the path between your career and the degree.

Likhitha Ala
Electrical and Electronic Engineering MEng (Hons)
Why choose Electrical Engineering and Electronics at Liverpool?

Equip yourself to take advantage of excellent career prospects
We work closely with top employers in the development of our programmes so that all of our undergraduate programmes will give you the knowledge and skills that employers are looking for. Emphasis is given to the basic principles of electrical/electronic engineering together with information technology, both software and hardware, and you will use industry standard tools, technologies and working methods ensuring you are industry ready.

Be prepared for the global workplace
The technology economy is truly global and transcends borders. We offer outstanding opportunities for our students to experience different systems, technologies and cultures through placements with the Study Abroad programme and take advantage of our international University partnerships, including studying at Xi’an Jiaotong-Liverpool University in Suzhou, China.

Gain real hands-on experience
Often working closely with leading technology companies, you will work on individual and group projects throughout your studies. Our approach is to enable you to mature through the practical application of concepts and theory, always with awareness of their relevance to the real world. You will take projects from conception, through to design, implementation and operation and there are many opportunities to put your learning into practice through an optional year in industry.

Thrive within our friendly environment
We are a smaller department than some other universities and staff are on first name terms with students. Our supportive environment is reflected in our high overall student satisfaction rate (National Student Survey). Your personal development and employability skills are reinforced in the supportive small group environment of our fortnightly tutorial sessions.

Apply for generous scholarships
The Institution of Engineering and Technology (IET) offer generous scholarships worth up to £1,000 per year. More details can be found at www.theiet.org/awards

Benefit from our excellent facilities
You’ll study in our £2 million refurbished teaching laboratories and state-of-the-art facilities for robotics and digital systems.

Study abroad
As part of your degree you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. For more information, visit www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Electrical Engineering and Electronics, the opportunity to spend one year at our English speaking sister university Xi’an Jiaotong- Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Year in Industry
Almost all our programmes have Year in Industry variants that give you the opportunity to spend a year working with an engineering company in the UK or abroad.

Your future
Our degrees have excellent career prospects: 90% of our graduates who are in employment six months after graduating, have a professional or managerial job (Unistats). Graduate employers include Siemens, BAE Systems, BT and Guardian Media Group. Careers are many and varied and include design engineer, systems engineer, medical physicist, postdoctoral research scientist and radio frequency scientist. Some of our graduates go on to work in the industrial sector, in government and in education, whilst others enter non-technical professions such as banking, accountancy, management and law.

How you learn
All programmes are taught over two semesters with examinations at the end of each semester. Modules vary from those which are assessed by examination only to others which are continuously assessed. All programmes incorporate a substantial practical component, with an increasing emphasis on project work as you progress through to the final year. You can select your final year individual project in consultation with members of staff.

Accredited degrees
All our MEng and BEng programmes are accredited by the Institution of Engineering and Technology (IET). To qualify for Chartered Engineer (CEng) status you need either a MEng degree or a BEng degree with a matching section of further learning.

The MEng is an enhanced BEng programme, which means that you have an extra year to study advanced topics and undertake a group project based on the needs of industry. MEng (Hons) degrees benefit from the MEng being a direct route into becoming a chartered engineer as it satisfies the academic requirements for chartered status.

If you have an interest in the design of electronic circuits and modern electronic devices then a specialisation in Electronics will interest you. Electrical machines and power generation and distribution are covered by a specialisation in Electrical Engineering. Or you may choose to study both subjects with a general degree in Electrical Engineering and Electronics.

We offer several degrees for those students with a particular interest in avionics, computer science, mechatronics or robotics. For those students who are not studying the appropriate A levels, we offer a four-year BEng programme with a foundation element.

Work experience opportunities
Our Year in Industry programmes include a placement year during which you will spend time working in an engineering company. This is an excellent opportunity to gain practical engineering experience which will boost your CV. Many placement students continue their relationship with the placement provider by undertaking relevant projects when they return to the University and may ultimately return to work for the company when they graduate. The placement is assessed by two reports, a poster and an oral presentation.

Placements can be near or far, in the UK, Europe or China. Placements have been offered by the National Oceanography Centre which is based on the University campus and CES companies based on Suzhou Industrial Park (SIP) in China. Students who take up a placement on SIP are offered accommodation at our partner University, Xi’an Jiaotong-Liverpool University (XJTLU), based in Suzhou, China and they have access to all the facilities on the XJTLU campus.
## Degrees

<table>
<thead>
<tr>
<th>Programme</th>
<th>Code</th>
<th>Duration</th>
<th>A level</th>
<th>IB</th>
<th>BTEC</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avionic Systems BEng (Hons)</td>
<td>H430</td>
<td>3 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>119</td>
</tr>
<tr>
<td>Avionic Systems with a Year in Industry BEng (Hons)</td>
<td>H432</td>
<td>4 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>119</td>
</tr>
<tr>
<td>Avionic Systems MEng (Hons)</td>
<td>H431</td>
<td>4 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>119</td>
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<tr>
<td>Computer Science and Electronic Engineering BEng (Hons)</td>
<td>HH66</td>
<td>3 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>120</td>
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<tr>
<td>Computer Science and Electronic Engineering with a Year in Industry BEng (Hons)</td>
<td>HG6L</td>
<td>4 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>120</td>
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<tr>
<td>Computer Science and Electronic Engineering MEng (Hons)</td>
<td>GHK6</td>
<td>4 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>120</td>
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<tr>
<td>Electrical and Electronic Engineering BEng (Hons)</td>
<td>H603</td>
<td>3 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
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<tr>
<td>Electrical and Electronic Engineering with a Year in Industry BEng (Hons)</td>
<td>H605</td>
<td>4 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>120</td>
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<tr>
<td>Electrical and Electronic Engineering MEng (Hons)</td>
<td>H606</td>
<td>4 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
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<td>Electrical and Electronic Engineering with a Year in Industry MEng (Hons)</td>
<td>H607</td>
<td>5 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>121</td>
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<tr>
<td>Mechatronics and Robotic Systems BEng (Hons)</td>
<td>HH67</td>
<td>3 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>122</td>
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<tr>
<td>Mechatronics and Robotic Systems with a Year in Industry BEng (Hons)</td>
<td>HH76</td>
<td>4 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
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<tr>
<td>Mechatronics and Robotic Systems MEng (Hons)</td>
<td>HH76</td>
<td>4 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>122</td>
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<tr>
<td>Mechatronics and Robotic Systems with a Year in Industry MEng (Hons)</td>
<td>HRH6</td>
<td>5 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>122</td>
</tr>
<tr>
<td>Engineering Foundation BEng (Hons) (4-year route including a Foundation Year at Carmel College)</td>
<td>H109</td>
<td>4 (1+3) years</td>
<td>ABB</td>
<td>33</td>
<td></td>
<td>122</td>
</tr>
</tbody>
</table>

All programmes require A level Mathematics and a science subject (Biology, Chemistry, Computing, Further Maths, Geography, Physics, Electronics or Design and Technology: Systems and Control Technology). For applicants from England, where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the science practical in each subject will be required. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.

- BBB offer with an A in EPQ.
- Including Distinction in Level 3 Further Mathematics for Engineering Technicians.
- Foundation programmes have flexible entry requirements. Contact E: degree@carmel.ac.uk for details.

We also offer other Engineering programmes, including Civil, Aerospace, Mechanical and Architectural Engineering and Industrial Design. See pages 124-133 for details.
Avionic Systems BEng (Hons)
UCAS code: H430
Programme length: 3 years

Avionic Systems with a Year in Industry BEng (Hons)
UCAS code: H432
Programme length: 4 years

What stops an aircraft from falling out of the sky? The fundamental reason is due to the aerodynamic lift acting on the wings but, for modern aircraft, sophisticated electronics is another essential ingredient. Electronic systems associated with flight are known by the term ‘avionics’. Avionics covers the internal sensors and control systems within aircraft: from airborne communication and navigation systems to ‘stealth’ aircraft design and flight control systems.

The avionics in most aircraft will be upgraded several times during the life of the airframe. This makes avionics one of the most important sectors in the aerospace industry and it is a major employer in the UK.

This degree programme aims to prepare you to work in a variety of related disciplines: radar systems, GPS/inertial navigation systems, guidance and control, and avionic systems design.

We have strong links with industry and a number of undergraduate projects have been generated from industrial projects undertaken by members of the Department. Examples include the development of infrared tracking algorithms for missile warning systems, antenna design for airborne communications and flight control systems for terrain avoidance in low-level flight.

Pilot Studies pathway
Our Avionics programmes give you the option to learn to fly and to build towards either a National Private Pilot’s Licence (NPPL) or a full JAA/PPL in the first year and the ‘frozen’ Air Transport Pilot’s Licence (fATPL) in the second year. If you are seeking a career as a commercial airline pilot it is possible to work towards the fATPL. Our flight training partners are based at Liverpool John Lennon Airport and time for flight training is provided in your timetable. Also, a particularly exciting experimental facility on the University campus is the Bibby Flight Simulation Laboratory featuring motion and visual cueing and a library of different aircraft types that students can ‘try their hands on’. A new two-seat motion simulator is used as support to our Pilot Studies programmes.

An additional fee of approximately £3,400 is required to cover the costs of the mandatory 20 hours pilot training that is required for all students who choose the Pilot Studies pathway and work towards the NPPL, JAA/PPL and fATPL.

Avionic Systems MEng (Hons)
UCAS code: H431
Programme length: 4 years

This programme provides a deeper level of knowledge than the BEng degree in Avionic Systems, allowing for more specialisation and a faster route to a recognised professional qualification as a Chartered Engineer. Modules explore the technical and industrial management aspects of a professional engineer’s role.

An additional fee of approximately £3,400 is required to cover the costs of the mandatory 20 hours pilot training that is required for all students who choose the Pilot Studies pathway and work towards the NPPL, JAA/PPL and fATPL.
Computer Science and Electronic Engineering BEng (Hons)
UCAS code: HH66
Programme length: 3 years

Computer Science and Electronic Engineering with a Year in Industry BEng (Hons)
UCAS code: HG6L
Programme length: 4 years

Smart devices will shape the way we live now and in the future. The rapid pace of technological change and the diversity of modern applications require a broad educational background and a lifelong commitment to learning new and specialised skills.

This programme combines the core elements of Electronic Engineering with those of Computer Science, the intellectual discipline underlying all aspects of software development. Teaching is divided between the Department of Electrical Engineering and Electronics and the Department of Computer Science. Combining elements from these two disciplines will equip you with both an added breadth of knowledge, and greater specialisation. Our graduates are in demand because of their fluency both in the language of electronic engineers as well as that of computer scientists, enabling you to bridge the gap between software systems and the real world.

Computer Science and Electronic Engineering MEng (Hons)
UCAS code: GHK6
Programme length: 4 years

This MEng (Hons) degree programme provides added depth and breadth to the BEng (Hons) programme. The first two years of this programme are identical to the BEng (Hons) in Computer Science and Electronic Engineering (HH66); giving you the flexibility to choose between programmes if you are uncertain which one is your first choice at present. In the fourth year you will also undertake a major group project in which you collectively assign responsibilities and management roles within the team.

Electrical and Electronic Engineering BEng (Hons)
UCAS code: H603
Programme length: 3 years

Electrical and Electronic Engineering with a Year in Industry BEng (Hons)
UCAS code: H605
Programme length: 4 years

Graduates of this degree programme go on to a wide range of careers: you may be responsible for planning the electricity distribution network, or you may be designing the electronics of the next ‘must have’ item. However, you are also not limited to a career in engineering, with many employers actively seek engineers for their mixture of numerical ability and practical problem solving skills. One day per week is timetabled for practical work in our well-equipped modern laboratories during the first two years. In the final year you will choose from a wide range of projects that is either linked to research work or has some industrial relevance.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Lecture modules also reflect the broad based nature of this degree. In the first year, subjects covered range from Digital Electronics and Electronics Circuits through to Electromagnetism and Electromechanics. A similar range of modules are covered in the second year. In the final year you will be able to choose a specialisation from Electrical Engineering; Electrical and Electronic Engineering; Electronics; Electronic and Communication Engineering. Electrical Engineering is not simply about producing and transmitting electrical energy, it is also about how it is used. In both its transmission and usage there are significant and increasing challenges facing Electrical Engineers; many of these are related to sustainability and the environment. Over the last decade there has been an increase in the generation of electrical energy from greener sources (eg wind, wave, solar etc) and more efficient consumer products with increased electronics and software.

Electrical and Electronic Engineering is the broadest of the four specialisations and will allow you to choose lecture modules from an extensive list of options including subjects as diverse as Power Generation and Transmission, Antennas and Digital Systems Design with Verilog. The Electronics specialisation will prepare you for the world of modern electronics. The Department of Electrical Engineering and Electronics is particularly strong in electronics with research groups in solid state silicon electronics, molecular electronics and BioNano Electronics. The Department also has excellent links with the electronics industry; for example ARM Ltd, who design the microprocessors that go into 90% of all mobile phones, have supported the Department through donations (from the Founding CEO of ARM plc, Sir Robin Saxby, an electronics graduate from the University of Liverpool), summer work placements, ideas for project work and, most significantly, employment for many recent graduates.

It is an exciting time for the Electronic and Communications industry. New and innovative products are coming out every day. The rapid growth of the wireless market is fuelled by technological innovation. The current wireless communication systems include 3G mobile phones, Bluetooth, wireless local area network (WLAN), and Wi-Fi. More exciting wireless systems and technologies (such as WiMAX and 4G) are emerging all the time. This programme is designed for those students with an interest in communications engineering and associated electronics. It covers a wide range of topics in Electronic and Communications engineering. You will not only learn how a communication system works, but also understand what electronic components are required for such a system.

Electrical and Electronic Engineering MEng (Hons)
UCAS code: H606
Programme length: 4 years

Electrical and Electronic Engineering with a Year in Industry MEng (Hons)
UCAS code: H607
Programme length: 5 years

The MEng allows you to study your areas of interest in more depth and also gives you the time to widen your knowledge of both Electrical and Electronic Engineering and other subjects including management. This degree leads more directly to Chartered Engineer status and it is the choice programme for a career in engineering management. On H607 you will spend your third year on placement in industry.
Mechatronics and Robotic Systems BEng (Hons)
UCAS code: HH67
Programme length: 3 years

Mechatronics and Robotic Systems with a Year in Industry BEng (Hons)
UCAS code: HHP7
Programme length: 4 years

Mechatronics and robotic systems involves technologies in Mechanical Engineering, Electronics, Electrical Engineering, Control Engineering and Computing. Remotely operated vehicles on Mars, programmable washing machines at home and automated robots at manufacturing assembly lines are just some examples of mechatronics and robotic systems. These products are essentially mechanical in nature but could not function without electrical and computer control systems.

There are also numerous automotive applications; modern high performance cars have more than 100 computers hidden in the engine management system, anti-lock brakes, active suspension control and elsewhere. Engineers with experience in mechatronics and robotic systems are therefore in high demand.

Mechatronics and Robotic Systems MEng (Hons)
UCAS code: HH76
Programme length: 4 years

Mechatronics and Robotic Systems with a Year in Industry MEng (Hons)
UCAS code: HHR6
Programme length: 5 years

This MEng (Hons) degree programme has more depth and breadth than the BEng (Hons) programme in Mechatronics and Robotic Systems, studying core subjects, such as Advanced System Modelling and Control, in more detail and a greater range of subjects. In addition to the individual final year project, you will also undertake a major group project in the third year.

Engineering Foundation BEng (Hons) (4-year route including a Foundation Year at Carmel College)
UCAS code: H109
Programme length: 4 (1+3) years

This modular programme provides a four-year route to all our degree programmes for those students who do not have the appropriate A level qualifications. First year (Year Zero) is based at Carmel College in St Helen’s (approximately nine miles from the main university campus). The foundation year comprises modules in physics and mathematics, and you can choose your third optional module from Chemistry or Information Technology.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Engineering

Decide to study engineering and you are choosing a path that will allow you to make a real and lasting impact on the world we live in. At the University of Liverpool’s School of Engineering, our practical, industry-led degrees are creating the engineers of the future.

There are a range of projects available to take part in. My group project involves the design and manufacturing of a Formula Student race car, which is such a great opportunity to apply the knowledge gained from the programme to a real-life project.

India Phillips
Mechanical Engineering MEng (Hons)

Good to know:

360
Year One undergraduates in 2016

5th
General Engineering is ranked 5th in the UK for 4* and 3* research (REF 2014)

90%
of our graduates who are in employment six months after graduation have a professional or managerial job (Unistats)

Offers study abroad opportunities

Offers a Year in China
Why choose Engineering at Liverpool?

Choose a degree that prepares you to be a modern engineer for the future
At Liverpool, your learning environment reflects your future working environment. Our emphasis is on active learning, supported by traditional lectures and tutorials. You will benefit from research-led teaching, conducted in collaboration with industry, Government, research laboratories and academics around the world. We have received many accolades from the engineering industry who regard our graduates as among the most employable in the world – the highest validation of our approach.

Benefit from learning in outstanding facilities
We are a Centre of Excellence for engineering research and have a highly respected reputation for world leading experimental facilities. Our £32 million redevelopment includes the award-winning Active Learning Laboratory. This is one of the largest and best-equipped laboratories in Europe and is at the heart of undergraduate learning. The state-of-the-art facilities that you will benefit from include two research-standard full motion flight simulators (one of which is unique within the academic world), manufacturing robotics, wind turbines, a water flume, additive manufacturing machines and many more.

Put your learning into practice through a year in industry
There is nothing like spending a year working in industry as part of your degree for consolidating your knowledge and giving you a head start in the job market after you graduate. A year in industry can be taken in all our programmes.

Shape our flexible programmes around you
Our programmes provide opportunities for specialisation in one discipline or a broad skill base across all engineering disciplines.

Gain professional accreditation
All our BEng/MEng degree programmes are accredited by at least one professional institution, providing you with a solid foundation for your career. A MEng degree from Liverpool satisfies the academic requirements for registration as a Chartered Engineer (CEng).

Study abroad
As part of your Engineering degree programme you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. For more information, visit www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Engineering, the opportunity to spend one year at our English speaking sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future
The University of Liverpool’s Careers & Employability Service maximises opportunities for career prospects, graduate opportunities, student summer placements and the annual engineering careers fair with 30 blue chip companies attending (including Jaguar Land Rover, Nestle, Toyota, JCB, British Army, United Utilities, ABB Ltd, Network Rail, BAE Systems and many more). Our degrees provide pathways into rewarding careers and our graduates have found employment in a wide range of international industries and organisations.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
How you learn

‘The Liverpool Engineer’ encapsulates the special nature of a graduate from any of the programmes offered by the School of Engineering. We offer an engineering education distinctive in the way students engage actively, through the design and make activities, with their learning process. The Liverpool Engineer degree programmes promote the development of a holistic, systems approach to engineering. Technical knowledge and skills are complemented by a sound appreciation of the life-cycle processes involved in engineering and an awareness of the ethical, safety, environmental, economic and social considerations involved in practicing as a professional engineer. The School also houses the Engineering and Materials Education Research Group, which advises all UK teachers about innovations in engineering education. Recently one of our students was voted the best engineering student in the UK, another won the prestigious Whittle Award for the best final year project and Mechanical Engineering students (ULVT) set a new British land speed record of 75mph for the fastest human powered vehicle with the ARION1 Land Speed Bicycle.

Which degree?

Aerospace Engineering: Who can fail to be impressed by the sight of a modern airliner taking off, a state-of-the-art fighter showing off its manoeuvring capability, a helicopter rescuing people in danger, the International Space Station in orbit or the many unmanned aerial systems that promise to change the aviation landscape as we know it? All of these products represent astonishing engineering achievements, challenging the frontiers of aeronautical, mechanical, electrical, materials, manufacturing and computer engineering. Nor should we forget the managerial achievement in bringing such complex projects to successful fruition. Aerospace engineering programmes are interdisciplinary, incorporating all of these facets of engineering. They are intended to provide a firm educational background and engineering training for entry into the design, development, manufacturing and operational sectors of the aerospace industry they are also well suited to many other industries.

The programmes are accredited by the Royal Aeronautical Society and the Institution of Mechanical Engineers. The School of Engineering has more than 20 members of teaching staff with aerospace expertise. It has state-of-the-art aerospace facilities including two research-standard, full motion flight simulators, one of which is unique in the academic world. Students will be offered a variety of specialist options during their MEng degree.

Aerospace Engineering with Pilot Studies: These programmes introduce elements of pilot studies into an aerospace engineering degree. A first-year module, based on the contents of the Private Pilot’s Licence (PPL) ground school, complements the core engineering modules that support the specialist aerospace topics. In the second year, a further module is included that is based on the ground school syllabus for the Air Transport Pilot’s Licence (ATPL). Students who wish to qualify for either a PPL or ATPL must complete the stipulated in-flight training outside of the degree programme. The cost of this flying must be met by the candidate together with the associated ground school examination and appropriate air medical certificate fees. The pilot studies modules have been designed to help with preparations for the ground school examinations, which again must be taken by the student outside of the degree. All students must complete a programme of 20 hours flight training in their first year, which currently costs approximately £3,400. This is in addition to the normal University fees.

Architectural Engineering: The Architectural Engineering BEng and MEng degree is a multidisciplinary degree, encompassing Civil Engineering and Architecture. The degree programme will provide you with a multidisciplinary skill set to design building structures, bridges and critical infrastructure utilising not only the solid technical grounding that a typical civil/structural engineering degree provides but also a robust and wider appreciation of the architectural, societal, economic and environmental aspects associated to a particular design solution.
Civil Engineering: Whether you are interested in designing roads, airports, bridges, stadia, hospitals, power stations, harbours or water supply systems, a degree in Civil Engineering will acquaint you with the latest construction technologies and design methods. There has never been a greater need for well qualified Civil Engineers: towns and coasts in need of flood defences; people and freight in need of safe and efficient transport systems; ever more urgent challenges in environmental conservation, sustainable design and infrastructure maintenance.

Engineering: Are you unsure which engineering discipline or degree to choose? If your answer is yes, then one of our general engineering programmes is for you. They are ‘deferred choice’ programmes which means students study across the main engineering disciplines of Aerospace, Civil, Industrial Design and Mechanical Engineering in their first year before deciding which discipline to specialise in. Please note that the Engineering BEng and MEng are entry routes for deferred choice and therefore you will graduate with a degree in whichever engineering discipline you choose at the end of Year One.

Industrial Design: These programmes have been specifically designed to respond to the increasingly multidisciplinary nature of new product development and the demand for articulate, high-calibre engineering graduates that are capable of operating professionally in both a creative and a technical capacity.

You will study in depth the latest industrial and product design engineering techniques, materials and manufacturing processes, modern information technology, management, business and entrepreneurial practices. Through this you will develop skills, ability and knowledge processes in three dimensional designing, prototyping and production techniques for a successful career in and around the exciting discipline of designing and developing new products. This programme brings together the traditional discipline of engineering and the very latest in new product techniques.

Mechanical Engineering: The Mechanical Engineering BEng and MEng programmes have recently been enhanced in line with the School curriculum developments for the ‘Liverpool Engineer’. These include active learning experiences, such as one week creations in Year One, enhanced laboratory work in Years One and Two, and capstone projects in Years Three and Four. The ‘Liverpool Engineer’ has deep technical knowledge and skills, an awareness of Total Design, approaches their studies professionally and is committed to lifelong learning. The programmes are accredited by the Institution of Mechanical Engineers.

BEng or MEng (Hons): Students can opt to take a three year Bachelor of Engineering (Hons) degree (BEng) or a four year master’s of Engineering (Hons) degree (MEng). The BEng and MEng courses are the same for the first two years of study. Students studying for a MEng (Hons) degree benefit from the MEng being a direct route to becoming a Chartered Engineer. Full participation in capstone projects is open to MEng students only (incorporates several national and international competitions including Formula Student and Aerospace Electrical and Heavy Lift). As the extended tuition fee loan incorporates all four years for MEng, students will receive financial benefit throughout. Increased employment opportunities as a MEng degree is both highly recognised and desirable within the Engineering industry.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
<table>
<thead>
<tr>
<th>Course</th>
<th>Level</th>
<th>Duration</th>
<th>A level</th>
<th>IB</th>
<th>BTEC (Level 3 Extended Diploma)</th>
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</thead>
<tbody>
<tr>
<td>Aerospace Engineering BEng (Hons)</td>
<td>A level</td>
<td>3 years</td>
<td>ABB 1</td>
<td>33</td>
<td>Applications considered 1</td>
</tr>
<tr>
<td>Aerospace Engineering MEng (Hons)</td>
<td>A level</td>
<td>4 years</td>
<td>AAA 1</td>
<td>35</td>
<td>Not accepted</td>
</tr>
<tr>
<td>Aerospace Engineering with Pilot Studies BEng (Hons)</td>
<td>A level</td>
<td>3 years</td>
<td>ABB 1</td>
<td>33</td>
<td>Applications considered 1</td>
</tr>
<tr>
<td>Aerospace Engineering with Pilot Studies MEng (Hons)</td>
<td>A level</td>
<td>4 years</td>
<td>AAA 1</td>
<td>35</td>
<td>Not accepted</td>
</tr>
<tr>
<td>Architectural Engineering BEng (Hons)</td>
<td>A level</td>
<td>3 years</td>
<td>ABB 1</td>
<td>33</td>
<td>Applications considered 1</td>
</tr>
<tr>
<td>Architectural Engineering MEng (Hons)</td>
<td>A level</td>
<td>4 years</td>
<td>AAB 2</td>
<td>35</td>
<td>Not accepted</td>
</tr>
<tr>
<td>Civil Engineering BEng (Hons)</td>
<td>A level</td>
<td>3 years</td>
<td>ABB 1</td>
<td>33</td>
<td>Applications considered 1</td>
</tr>
<tr>
<td>Civil Engineering MEng (Hons)</td>
<td>A level</td>
<td>4 years</td>
<td>AAB 2</td>
<td>35</td>
<td>Not accepted</td>
</tr>
<tr>
<td>Civil and Structural Engineering MEng (Hons)</td>
<td>A level</td>
<td>4 years</td>
<td>AAB 2</td>
<td>35</td>
<td>Not accepted</td>
</tr>
<tr>
<td>Engineering BEng (Hons)</td>
<td>A level</td>
<td>3 years</td>
<td>ABB 1</td>
<td>33</td>
<td>Applications considered 1</td>
</tr>
<tr>
<td>Engineering MEng (Hons)</td>
<td>A level</td>
<td>4 years</td>
<td>AAB 2</td>
<td>35</td>
<td>Not accepted</td>
</tr>
<tr>
<td>Industrial Design BEng (Hons)</td>
<td>A level</td>
<td>3 years</td>
<td>ABB 1</td>
<td>33</td>
<td>Applications considered 1</td>
</tr>
<tr>
<td>Industrial Design MEng (Hons)</td>
<td>A level</td>
<td>4 years</td>
<td>AAB 2</td>
<td>35</td>
<td>Not accepted</td>
</tr>
<tr>
<td>Mechanical Engineering BEng (Hons)</td>
<td>A level</td>
<td>3 years</td>
<td>ABB 1</td>
<td>33</td>
<td>Applications considered 1</td>
</tr>
<tr>
<td>Mechanical Engineering MEng (Hons)</td>
<td>A level</td>
<td>4 years</td>
<td>AAA 1</td>
<td>35</td>
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</tr>
<tr>
<td>Engineering Foundation BEng (Hons) (4-year route including a Foundation Year at Carmel College)</td>
<td>A level</td>
<td>4 years</td>
<td>AAA 1</td>
<td>35</td>
<td>Not accepted</td>
</tr>
</tbody>
</table>

All Year One entry programmes apart from Civil and Architectural Engineering require Mathematics plus another science subject at A level. For applicants from England, where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the science practical in each subject will be required. Applicants not offering A level Physics must have taken applied/mechanics options in Mathematics A level. Civil and Architectural Engineering programmes require A level Mathematics. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.

1 BBB offer with an A in EPQ.
2 Please check our website for full BTEC entry requirements.
3 AAB offer with an A in EPQ.
4 ABB offer with an A in EPQ.
5 Foundation programmes have flexible entry requirements. Contact E: degree@carmel.ac.uk for details.

We also offer Electrical Engineering programmes, including Electrical and Electronic Engineering, Avionic Systems and Mechatronics and Robotic Systems. See pages 114-123 for details.
Aerospace Engineering BEng (Hons)
UCAS code: H425
Programme length: 3 years

Aerospace Engineering MEng (Hons)
UCAS code: H421
Programme length: 4 years

The main aerospace engineering topics you’ll study include aerodynamics, aero structures, flight dynamics and control, propulsion systems, communications, avionics and aircraft materials. The programmes include a two day flight test course in a Jetstream aircraft.

Choose the MEng programme (H421) if you want to follow an extended degree programme that satisfies the academic requirements for registration as a Chartered Engineer (CEng) and a European Engineer (Eur Ing).

Our Aerospace Engineering degree programmes are double accredited (by the Royal Aeronautical Society and the Institute of Mechanical Engineers).

Aerospace Engineering with Pilot Studies BEng (Hons)
UCAS code: H401
Programme length: 3 years

Aerospace Engineering with Pilot Studies MEng (Hons)
UCAS code: H402
Programme length: 4 years

This programme is very similar to that of the Aerospace Engineering degree programmes (H425 and H421) but also introduces elements of pilot studies for students interested in becoming pilots.

In Year One, the Pilot Studies module (based on the PPL ground school syllabus) complements the flight training programme of 20 hours which is mandatory. In Year Two the Pilot Studies module is based on the Air Transport Pilot’s Licence (ATPL) ground school syllabus.

An additional fee of approximately £3,400 is required to cover the costs of the mandatory 20 hours pilot training.

Architectural Engineering BEng (Hons)
UCAS code: HK26
Programme length: 3 years

Architectural Engineering MEng (Hons)
UCAS code: HK28
Programme length: 4 years

The Architectural Engineering degree is a multidisciplinary degree, encompassing Civil Engineering and Architecture. It is jointly delivered by the School of Engineering and the School of Architecture. The degree programme will provide you with a multidisciplinary skill set to design building structures, bridges and critical infrastructure incorporating both the solid technical grounding that a typical civil/structural engineering degree provides alongside a robust and wider appreciation of the architectural, societal, economic and environmental aspects associated to a particular design solution.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
This programme is currently under assessment for accreditation by the Joint Board of Moderators for the Institute of Civil Engineers (ICE), Institution of Structural Engineers, Institute of Highway Engineers and the Chartered Institution of Highways and Transportation. It also satisfies the academic requirements for registration as a Chartered Engineers.

**Civil Engineering BEng (Hons)**

UCAS code: H200  
Programme length: 3 years

This broad-based Civil Engineering programme provides sound academic training for the professional engineer. Civil Engineering graduates are in great demand. Careers in Civil and Architectural Engineering offer the highest paid jobs for graduates in the UK (source: Telegraph 10 best paid jobs for graduates, Aug 2015).

This MEng programme (H202) is accredited by the Institution of Civil Engineers and satisfies the academic requirements for registration as a Chartered Engineer. It is possible to transfer to the MEng programme at the end of Year Two; otherwise BEng (H200) students will need to complete additional study as a matching section. This might involve an integrated programme of study, such as a master’s degree, and work with an employer.

The MEng programme shares the same modules as the Civil Engineering BEng (H200) during the first three years. In Year Four you study more specialised fields of Civil Engineering at an advanced level including: bridge engineering, coastal and estuary processes and materials for sustainable construction.

**Civil and Structural Engineering MEng (Hons)**

UCAS code: H220  
Programme length: 4 years

This programme concentrates on a range of analysis and design methods using the principal structural materials of reinforced concrete, steel, timber and masonry. It covers both the theoretical background and the design implications of structural engineering and shares the same modules as the Civil Engineering BEng (H200) during the first three years. There is an emphasis on advanced analysis and design and you will have the opportunity to use state-of-the-art commercial design software.

**Engineering BEng (Hons)**

UCAS code: H100  
Programme length: 3 years

**Engineering MEng (Hons)**

UCAS code: H101  
Programme length: 4 years

Follow a broad first year of study covering all disciplines within the School, students on this programme will be required to transfer their registration onto one of the following engineering programmes, depending on whether they are on the three or four year programme:

- Aerospace Engineering BEng/MEng (H425/H421)
- Civil and Structural Engineering MEng (H220)
- Civil Engineering BEng/MEng (H200/H202)
- Industrial Design BEng/MEng (3D52/6G11)
- Mechanical Engineering BEng/MEng (H300/H301).
Industrial Design BEng (Hons)
UCAS code: 3D52
Programme length: 3 years

Industrial Design MEng (Hons)
UCAS code: 6G11
Programme length: 4 years

This programme brings together product design creativity with the technical knowledge and skills of engineering. Students develop as technically competent industrial designers, benefiting from the very latest in new product development techniques. The result is a modern engineering degree that will equip you with an excellent technical and creative grounding for a successful career in designing and developing new products.

The degree is strongly project-based. You will work on many design projects of increasing complexity. In Year One, you will also study core engineering subjects. Year One also includes first experience of a ‘design, build and test’ project.

The MEng programme (6G11) shares Years One and Two with 3D52 and provides students with additional breadth in modern theory, methodologies and best practices in new product development. Years Three and Four offer MEng design, development visualisation and simulation projects.

It gives you a broad and extended education at an advanced level, combining user-centred product design creativity with key aspects of engineering. You will graduate well-placed to play an important role in new product development, a top management priority in industry today.

Mechanical Engineering
BEng (Hons)
UCAS code: H300
Programme length: 3 years

Mechanical Engineering
MEng (Hons)
UCAS code: H301
Programme length: 4 years

A degree in Mechanical Engineering is the basis for a career in a profession that offers an extremely wide choice of employment in a vast range of industries.

Four core subjects: Thermodynamics, Fluid Mechanics, Solid Mechanics and Dynamics will give you a sound foundation in Mechanical Engineering principles.

Years One and Two programme content is the same for BEng (H300) and MEng (H301). From Year Three onwards all students select one of the following areas to specialise in; Biomedical, Management, Manufacturing, Materials or Simulation and Analytics. Year Four MEng students also have the option to do additional research project work.

The MEng programme (H301) satisfies the academic requirements for registration as a Chartered Engineer (CEng) and a European Engineer (Eur Ing).

Engineering Foundation BEng (Hons) (4-year route including a Foundation Year at Carmel College)
UCAS code: H109
Programme length: 4 (1+3) years

This modular programme provides a four-year route to any of the BEng degree programmes currently available in the School of Engineering. There is a separate brochure outlining facilities at Carmel College and progression routes.
English

As one of the highest-rated research-led English departments in the UK, we offer opportunities to study Literature from a wide variety of periods and genres, and a variety of approaches to understanding the ways in which the English language works. You will be taught by leading experts who draw on cutting-edge research to inform their teaching practice.

The broad range of modules on offer in the Department is great as it really allows you to explore the areas that you find most interesting. I love Medieval Literature so having this specialism within the Department was key for me, but I have studied Literature from modern times all the way back to medieval.

Laura Maines
English BA (Hons)

Good to know:

198
Year One undergraduates in 2016

97%
find their programme "intellectually stimulating" and 96% considered their teachers to be enthusiastic about their subjects (NSS 2016)

10th
Ranked 10th in the UK for 4* and 3* research (REF 2014)

Offers study abroad opportunities

Offers a Year in China

Offers Honours Select combinations
Challenge yourself to look deeper
We will challenge you to engage fully with words and texts, informed by the best in critical thinking and debate. The flexible framework of our programmes allows you the freedom to choose areas of specialisation as you progress through your degree. Our Literature modules offer a diverse body of texts spanning historical periods from the medieval to the modern and introducing a range of critical concepts. Our Language modules explore the function of English language in its historical and modern day usage across a range of contexts and media. All of our programmes share a first year that introduces key skills of English in all its varieties.

Explore English in all its breadth
Our Literature modules cover a wide and continuous range of writing in English, from the Middle Ages to the present, and including every major genre: drama, prose fiction, poetry, and nonfictional prose. In our module lists you will find titles as diverse as Children’s Literature, Gothic Fiction and Film, Talking Pictures, Creative Writing, Women Writers, and Noir, alongside the more familiar modules in the large literary periods, such as Medieval, Renaissance, Victorian and Modernist Literature. Our Language modules offer a variety of approaches and subjects, with titles including Varieties of Northern English, Language in Society, Psycholinguistics and Language and Literature. There are also opportunities to study the interface between literature and film and narrative in graphic media.

Share ideas in our small group tutorials
We are committed to small group teaching, with no more than nine students in a group for most of our modules. Increasingly fewer universities offer this. This encourages a more rewarding learning experience, with ideas shared and explored with your peers and tutors.

Debate with leading academics in the field
Our tutors are all respected academics whose work is valued both nationally and internationally. Our teaching is research-led, which means not only will you be challenged intellectually but your own research skills will be fostered and encouraged.

Develop the skills most valued by employers
Our English degree programmes develop skills valued highly by employers, such as critical thinking, analytical ability, communication skills, creativity, project design and teamwork. From Year Two, we offer students the chance to gain invaluable experience through our work experience and study abroad opportunities. Besides taking our dedicated work experience module, many English students are involved in activities within the University or work locally with the support of our award-winning careers service. Our graduates use these skills to pursue careers in a wide range of fields including journalism, law, marketing, education, heritage, tourism and many more.

Study abroad
Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Students of English can currently apply to the University of Leiden under the Erasmus+ scheme, or to one of our many other worldwide partners in Canada, America, Hong Kong or Australia. For more information, visit www.liverpool.ac.uk/goabroad
Year in China

The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including English, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

How you learn

You will experience a mix of lectures, seminars, workshops and tutorials, with no modules being taught entirely through lectures. Alongside independent study and research, some modules require timetabled student group work. We provide an online programme of study skills to help with the necessary standards of referencing and presentation in written work. All our Year One modules have tutorials to follow up on the lectures, so you have plenty of opportunities to contribute to discussion and to develop material presented in lectures. Seminar groups are larger, but do not normally exceed 18; they usually last for between one and a half to two hours; workshops are similar in size but have a more distinct practical element (eg in drama or language modules). In addition, in Years Two and Three, you will participate to a greater or lesser extent in a range of other formative activities: seminar presentations, creative writing and peer teaching.

How you are assessed

The main modes of assessment are through a combination of essay and examination, but depending on the modules taken you may encounter project work, presentations (individual or group), and portfolios of creative work or specific tests focused on editing, translation or etymological tasks.

Which degree?

There is a wide choice within the programmes that we offer, and you can design a pathway to accommodate your particular interests, whether it be Language, Literature or Creative Writing. A degree programme in English will develop your ability to craft informed, sensitive and eloquent responses to texts. In doing this, the programme will not only broaden your intellectual, cultural and emotional horizons, but will deepen your skills of analysis, independent critical enquiry, aesthetic sensitivity, presentation of ideas and use of language. All of our programmes share a similar Year One in which you will develop key skills of English study, explore the history and theory of the English language in literature and beyond and prepare for specialisation in Years Two and Three.

Work experience opportunities

We offer a 30 credit, year-long module (SOTA300) which incorporates placement with a local company, group or institution related to English, providing practical/vocational experience. We have recently organised placements at significant local institutions such as The Athenaeum and Liverpool University Press.
## Degrees

<table>
<thead>
<tr>
<th>Programme</th>
<th>A level Offer</th>
<th>IB</th>
<th>BTEC (Level 3 Extended Diploma)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English BA (Hons) Q300</strong> 3 years</td>
<td>AAB-ABB</td>
<td>35-33</td>
<td>Applications encouraged</td>
<td>139</td>
</tr>
<tr>
<td><strong>English Language BA (Hons) Q310</strong> 3 years</td>
<td>AAB-ABB</td>
<td>35-33</td>
<td>Applications encouraged</td>
<td>139</td>
</tr>
<tr>
<td><strong>English Literature BA (Hons) Q320</strong> 3 years</td>
<td>AAB-ABB</td>
<td>35-33</td>
<td>Applications encouraged</td>
<td>139</td>
</tr>
</tbody>
</table>

All programmes require A level English (Language, Literature or Language and Literature) at grade A. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.

Please note that any Honours Select programmes which have a Management, Law or Sociology component will not accept the EPQ.

1. ABC offer with the A in English and an A in EPQ.
2. BTEC in a humanities-related subject plus A level English at grade A required.

Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
**English BA (Hons)**
*UCAS code: Q300*
*Programme length: 3 years*

Our English degree programme gives you the flexibility to combine the study of Literature and Language in a balance that suits you. You can maintain an equal balance of both subjects throughout your degree, or you can choose to specialise in either Literature or Language. We offer Literature modules covering a wide range of texts, genres and themes from the early medieval period to the present day. Our Language modules aim to provide understanding of the historical, social and psychological factors that shape the English language used in everyday life.

In each year of a Major (75%) English programme, you will choose 90 credits from our range of English modules.

**English Language BA (Hons)**
*UCAS code: Q310*
*Programme length: 3 years*

Our English Language programme aims to develop your understanding of the ways in which language works in the world. You will gain insights into the ways in which the language we use in everyday life is shaped by factors such as history, culture and psychology. You will study a range of approaches to the analysis of language with tutors who are active and innovative researchers in the field.

In each year of a Major (75%) English programme, you will choose 90 credits from our range of English modules.

**English Literature BA (Hons)**
*UCAS code: Q320*
*Programme length: 3 years*

Our English Literature programme gives you the opportunity to study a wide range of literary forms, genres and themes from the early medieval period to the present day. You will gain insights into the ways in which literatures in English have developed through history, while also having the opportunity for in-depth study of genres such as Children’s Literature, Noir and Gothic Fiction.

In each year of a Major (75%) English programme, you will choose 90 credits from our range of English modules.

**English, English Language or English Literature Joint**

Combining English with another subject allows you to take advantage of the range of choice available on our English programmes while also developing your interests in another subject. In Year One, you will take modules aimed at developing the skills necessary for advanced study. From Year Two, you will choose from a range of Literature modules that focus on specific periods, genres or themes, and Language modules that develop your understanding of the ways in which language works in the world. In each year, you will take 60 credits of English and 60 credits from your other subject choice(s).

**English, English Language or English Literature Minor**

English is a flexible subject open to many influences from its wider culture (eg politics, philosophy, history) and from other art forms (such as film, music, or digital media). As such, a 25% English programme will complement any other choices that you make. We cover a wide range of literary writings in English, from the early medieval period to the present day, and a variety of approaches to understanding the way in which the English language, written and spoken, works. In each year, you will take 30 credits of English from our range of 15-credit and 30-credit modules.
Environmental Science

Understanding the complex interactions between the physical and biological environment is essential if we are to find solutions to the increasing global environmental challenges that face us today. This practical degree, focusing on real-world issues, will prepare you to play your part in tackling those challenges.

I have found that I am learning and understanding ideas in a more in-depth way and linking the theory we are taught about within our modules to everyday situations such as environmental crises on the news.

Matthew Shore
Environmental Science BSc (Hons)

Good to know:

100% of our students said staff are good at explaining things (NSS 2016)

100% of our students agree staff are enthusiastic about what they are teaching (NSS 2016)

91% are satisfied overall with their programme (NSS 2016)

Offers study abroad opportunities

Offers a Year in China
Environmental Science BSc (Hons) F750 3 years

A level: ABB
IB: 33
BTEC (Level 3 Extended Diploma): D*DD in relevant diploma

F750 requires two sciences (Geography, Geology, Environmental Science, Biology, Chemistry, Physics or Mathematics) at A level. For applicants from England, where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the science practical in each subject will be required. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants with an EPQ will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.

**Study abroad**

Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Students can currently apply to one of our many worldwide partners in Canada, America, China or Australia. For more information, visit [www.liverpool.ac.uk/goabroad](http://www.liverpool.ac.uk/goabroad).

**Year in China**

The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Environmental Science, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See [www.liverpool.ac.uk/yearinchina](http://www.liverpool.ac.uk/yearinchina) for more information.

Environmental Science BSc (Hons) 
UCAS code: F750
Programme length: 3 years

Our Environmental Science degree provides a wide breadth of study opportunities from across the School of Environmental Sciences. Our degree is designed to give you an understanding of both natural and human induced environmental problems. All of our modules centre on real world issues and application, such as food security, climate change, energy security, pollution and natural hazards.

In addition to bespoke environmental science classes, our degree allows you to choose from a range of modules in biology, ecology, physical geography, and earth, climate and ocean sciences, so that you can shape your degree to suit your particular areas of interest and career pathway.

Focusing on applied skills that are relevant to careers in Environmental Science, you will gain expertise in monitoring, modelling and managing the environment.

From your first week to your final year, field classes and laboratory practicals are an integral part of your learning, and provide a firm grounding in the latest techniques and technologies in Environmental Science. You will learn through a combination of individual and group work, including practicals in our purpose-built (£23 million) Central Teaching Laboratories.

In addition to making the most of Liverpool’s coastal location, you will have the opportunity to undertake fieldwork in locations such as Snowdonia, Pembrokeshire, Peak District, Portugal, Iceland and California.

**Please note**: this programme involves laboratory and field work. The field work is carried out in various locations, ranging from inner city to coastal and mountainous environments. We consider applications from prospective disabled students on the same basis as all other students, and reasonable adjustments will be considered to address barriers to access.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Geography

Geography offers unique insights into many of the most pressing issues facing the world in the 21st century, such as globalisation, geopolitics, climate change, sustainability, health, economics, population, hazards, pollution and natural resource management. Our degrees are intellectually stimulating and will help you to develop as an independent learner with the key skills for your future career.

Good to know:

200
Year One undergraduates across BA and BSc Geography

95%
of students graduated with a First Class or 2:1 degree in 2016

92%
of our students find that they received sufficient advice and support with their studies (NSS 2016)

92%
of students agree staff are good at explaining things (NSS 2016)

Geography is a subject that is relevant to everyday life. The way the world functions on a physical level alongside how we as humans have contributed to its development is fascinating, so the really good thing about Geography at Liverpool is that we aren’t limited to either human or physical geography and we are given the choice to interchange modules.

Isabel Saklawska
Geography BA (Hons)

Our programmes are accredited by the Royal Geographical Society (with IBG).
Why choose Geography at Liverpool?

Benefit from an award-winning learning environment
We have invested heavily in teaching facilities, including the £23 million award-winning Central Teaching Laboratories (CTL). This state-of-the-art learning environment includes a dedicated laboratory and access to computing and flexible teaching spaces. The CTL houses much of our industry-standard equipment, providing a superb learning environment. Our Geographical Information Systems/Cartography suite houses a computing centre, and is one of the few remaining staffed map collections in the country, containing over 100,000 maps, 600 atlases and access to digital data.

Shape your degree with flexible programmes and choice of modules
Both our BA and BSc degrees in Geography are flexible. You can choose to specialise in physical or human geography, or to maintain a mixture throughout your degree. You can also take modules from outside Geography, and many students value the opportunity to keep up an interest in another subject area as part of their Geography degree. We are there to advise you on good module combinations, but the choice is up to you.

Study a subject with relevance to the world now
One of our recent graduates summarised our Geography degree as “a programme that not only teaches you about the world but makes you want to change it”. All of our academic staff are involved in research that relates to, and is informing, contemporary policy debates and challenges. This research feeds into our teaching, so studying a Geography degree at Liverpool means that you will learn about, and develop the techniques and understanding to address key contemporary political, societal and environmental concerns.

Study in a city ideal for Geography
Liverpool as a city has undergone significant change in recent years. Named European Capital of Culture in 2008, it has the fastest growing productivity of any major city in the UK outside London. Liverpool is situated alongside a fascinating and dynamic marine and coastal environment, including the world-renowned Sefton Dunes and River Mersey. Liverpool is both an exciting place to live and work, and the ideal place to study human and physical geography as the dynamic physical, social and political landscapes are evident within the city-region itself.

Be part of a friendly and supportive community
Geographers at the University of Liverpool are not only leaders in their fields, but according to current students are also friendly, enthusiastic and supportive. Teaching is of equal importance to research in the Department and academic staff at all levels are engaged in undergraduate teaching.

Enhance your studies with fieldwork
We are renowned for the unparalleled fieldwork experience we offer our undergraduates. From your first week to your final year, field classes are an integral part of your learning. In addition to making the most of Liverpool’s location we boast truly excellent field trips to destinations including Santa Cruz (California), Singapore, Barcelona, Lorca (Spain), Portugal, Glasgow, Cardiff, Edinburgh, The Lake District and mid-Wales. Field classes are not only important for learning skills and developing geographical knowledge, but also help foster a strong geographical community of students and staff. There is also the opportunity to undertake final year dissertation fieldwork abroad.

Students have, in recent years, accompanied staff on research expeditions to Iceland, Sweden and Norway and others have arranged their own dissertation research, with the support of staff, in countries including the USA, India, Thailand, Cambodia, Vietnam, Germany, and many others.
Study abroad
As part of your Geography degree programme you have the opportunity to spend a semester studying abroad. Studying abroad has many personal and academic benefits, as well as giving you a head start in the graduate job market. Geography students can currently apply to study with one of the many worldwide partners we share links with. For more information, visit www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Geography, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future
Geography is a subject that bridges the social and physical sciences. Those studying geography develop transferable knowledge and skills which open up a wide range of career opportunities. For this reason, it was listed amongst the top ten recession-proof degrees by the Daily Telegraph.

The tutorial system operating in all three years is specifically designed to provide support in the development of key transferable skills and important elements of career planning (including CV and interview skills, internship applications and skills audits, among others). Our Geography degrees are constantly reviewed, in consultation with employers, to ensure that graduates leave with the key skills required to compete in the global workplace. This includes setting you non-traditional assignments, such as writing policy briefs and bringing employers and graduates into the University to meet and advise you.

Combined with the high regard in which our qualifications are held, this has enabled recent graduates to embark on rewarding careers with a broad range of public and private sector organisations. Some are putting their geographical knowledge to direct use working in jobs such as environment assistant for the Environment Agency, ranger, government researcher, resource planner and in business development. Other graduates are putting the transferable skills they have gained into practice in careers such as accountancy, teaching and management, and a significant number join graduate training programmes in major organisations.

How you learn
To help you meet the intellectual and practical challenges of studying Geography, our programmes are taught using a student centred approach, involving a range of learning experiences. These include:

- Small tutor groups (typically eight students) through all years
- High levels of field based learning within the UK and abroad
- An emphasis on active, problem-based learning (‘learning by doing’)
- Hands-on experience of cutting-edge laboratory technologies in physical geography
- Innovative GIS, statistical and qualitative research methodologies and community consultation in human geography
- Supervised independent and group project work, including (for Single Honours degrees) a final year independent research-based dissertation supervised by a dedicated expert in the field.

Please note: a number of the Department’s programmes involve laboratory and field work. The field work is carried out in various locations, ranging from inner city to coastal and mountainous environments. We consider applications from prospective disabled students on the same basis as all other students, and reasonable adjustments will be considered to address barriers to access.

Which degree?
The BA and BSc programmes in Geography are designed to give you the opportunity to pursue pathways in human or physical geography, or take advantage of our flexible programmes and combine the sub-disciplines throughout your degree. We offer specialised modules informed by research at the forefront of debates in human and physical geography, along with modules which allow you to explore the interaction between society and the environment.
## Degrees

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<tr>
<th>Degree</th>
<th>Level</th>
<th>Duration</th>
<th>Typical Offer</th>
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<tbody>
<tr>
<td>Geography BA (Hons) L700 3 years</td>
<td>A level</td>
<td>IB</td>
<td>BTEC (Level 3 Extended Diploma)</td>
<td></td>
</tr>
<tr>
<td>Geography BSc (Hons) F800 3 years</td>
<td>ABB</td>
<td>33</td>
<td>D’DD in relevant diploma</td>
<td>149</td>
</tr>
<tr>
<td>Geography and Planning BA (Hons) L7K4 3 years</td>
<td>ABB</td>
<td>33</td>
<td>D’DD in relevant diploma</td>
<td>149</td>
</tr>
<tr>
<td>Geography BSc (Hons) (4-year route including a Foundation Year at Carmel College) F808 4 (1+3) years</td>
<td>ABB</td>
<td>33</td>
<td>D’DD in relevant diploma</td>
<td>149</td>
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### Degrees offered with other departments

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<tr>
<th>Degree</th>
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<th>Duration</th>
<th>Typical Offer</th>
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<tbody>
<tr>
<td>Environmental Science BSc (Hons) F750 3 years</td>
<td></td>
<td></td>
<td>See Environmental Science</td>
<td>142</td>
</tr>
<tr>
<td>Geography and Oceanography BSc (Hons) FF78 3 years</td>
<td></td>
<td></td>
<td>See Ocean Sciences</td>
<td>245</td>
</tr>
<tr>
<td>Geology and Physical Geography</td>
<td></td>
<td></td>
<td>See Earth Sciences</td>
<td>106</td>
</tr>
<tr>
<td>BSc (Hons) F6F8 3 years</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geology and Physical Geography MESci (Hons) FF68 4 years</td>
<td></td>
<td></td>
<td>See Earth Sciences</td>
<td>106</td>
</tr>
</tbody>
</table>

L700 requires Geography A level or an A level in another social science subject. F800 requires Geography A level or an A level in another science subject. For applicants from England, where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the science practical in each subject will be required. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants with an EPQ will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.

1. BBB offer with an A in EPQ.
2. Foundation programmes have flexible entry requirements. Contact E: degree@carmel.ac.uk for details.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
**Geography BA (Hons)**  
UCAS code: L700  
Programme length: 3 years

Globalisation, geopolitics, population, and sustainability are amongst the largest challenges confronting society in the 21st century. Geography enables you to understand these issues and the ways in which they shape the world. Our degree programmes help you develop expert knowledge and skills to interrogate the range of different approaches to, and perspectives on, these issues, as well as the ability to understand how they interact.

**Geography BSc (Hons)**  
UCAS code: F800  
Programme length: 3 years

Our BSc degree addresses important questions about whether the planet’s natural resources are able to sustain an increasing population, how physical earth systems respond to human activity and changing climate, how we manage resources, and how we live with environmental change. If you are interested in environmental issues and like the idea of addressing problems on global and local scales, then this is the programme for you.

**Geography and Planning BA (Hons)**  
UCAS code: L7K4  
Programme length: 3 years

Students gain an in-depth understanding of the practical and theoretical aspects of Geography and Planning. Consideration is given to the ways that rural and urban areas reconcile conflicting interest and adapt to economic, social and environmental change. An interdisciplinary approach to study provides learning opportunities that draw upon the expertise of academics in both Planning and Geography as well as Sociology and Architecture.

**Geography BSc (Hons) (4-year route including a Foundation Year at Carmel College)**  
UCAS code: F808  
Programme length: 4 (1+3) years

Interested in studying for a BSc (Hons) Geography degree, but feel that you lack the appropriate science background or have a non-standard academic background? Then here is a programme that’s been designed for you. Your Foundation Year is spent at Carmel College, after which studies transfer to the main University site. The College offers small class sizes and high standards of academic achievement that are moderated by University staff. For more information contact E: degree@carmel.ac.uk

www.liverpool.ac.uk/geography
Health Sciences

We draw on over 100 years of teaching delivered by dedicated staff with real-world, practical experience and are the hub for an extensive network of professionals, academics and researchers. So you can be confident that a degree from the School of Health Sciences will prepare you for a lifelong career making a difference in today’s multi-disciplined, patient-focused healthcare services.

Clinical placement within the Radiography Department is different every day, you never know what to expect or what challenges you will face which is great because it makes it much more interesting and rewarding. It is also a great opportunity to put the academic knowledge you have gained in lectures into practice and see how procedures can differ depending on the patient.

Aliyah Nicole Raishbrooke
Diagnostic Radiography BSc (Hons)

Good to know:

235
Year One undergraduates in the School of Health Sciences in 2016

96%
of our students said staff are good at explaining things (NSS 2016)

95%
of our students feel their communication skills have improved by studying their programme (NSS 2016)

3rd

Offers study abroad opportunities
**Why choose Health Sciences at Liverpool?**

**Strengthen your career prospects through our practical and professionally focused programmes**
You will benefit from our experience in delivering over 100 years of teaching across six undergraduate programmes of study in a dynamic research-led School. Our student satisfaction rates, which range from 93-100%, are testament to the School being a great place to start to your career.

**Learn from experienced, registered, working practitioners**
You will be taught by staff with a great deal of practical experience and academic knowledge, who foster an approach of continual professional development that will serve you well throughout your career.

**Interact with leading healthcare organisations**
You’ll be taught a curriculum that is developed and assessed by leading healthcare providers, such as The Christie NHS Foundation Trust, Rosemere Cancer Centre, Royal Preston Hospital, and The Clatterbridge Cancer Centre NHS Foundation Trust. Many such partners across the North West provide you with exciting placement opportunities.

**Bring your learning to life through clinical experience**
You will gain a breadth of patient-focused practical experience in a region that has a particularly diverse population, helping you bring your learning to life and providing an invaluable insight to future roles.

**Prepare for practice by studying with professionals from across the Health Sciences**
Supported by the very latest in technological facilities, you'll benefit from the shared learning the School’s six undergraduate programmes facilitate. Inter-professional modules reflect the multi-profession, team approach that you will encounter in today’s healthcare settings.

**Build relationships with committed and enthusiastic teaching staff**
Our friendly, supportive staff will enable you to reach your full career potential, both as a graduate and a lifelong learner with the School.

**Study abroad**
Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Occupational Therapy and Physiotherapy students can currently apply to undertake clinical placements abroad. In Year Three Diagnostic Radiography and Radiotherapy students can apply to undertake a two week elective abroad (self-funded). For more information visit www.liverpool.ac.uk/goabroad

**Which degree?**
If you are interested in diagnosing diseases using the very latest technology and medical imaging techniques, then you should choose a degree in Diagnostic Radiography. If you wish to pursue a career in the use of occupation as a therapeutic medium, then a degree in Occupational Therapy will suit you. Those keen to apply scientific knowledge of the eye and brain to clinical care, investigate the intricacies of the human visual system should follow the Orthoptics programme.

If you are drawn to a career in primary care and hospitals, you might consider a degree in Nursing. If you want to focus on rehabilitation of physical problems associated with accidents, illness or aging, then Physiotherapy may be for you. To use your technical skills and caring nature to fight cancer and make a genuine difference to cancer patients then choose Radiotherapy.

**Your future**
As a graduate of the School of Health Sciences you’ll be eligible to apply for registration with the Nursing and Midwifery Council (NMC) or the Health and Care Professions Council (HCPC). You can look forward to a career in the National Health Service, Social Services or the private sector.

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For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
You will have gained a qualification that meets the Government’s criteria for ‘fitness for purpose’ and ‘fitness for practice’ as well as developing transferable skills such as communication, information technology, problem solving and teamwork.

**Nursing**
The Directorate of Nursing is currently 4th in the Complete University Guide 2016, and in the 2016 National Student Survey the Directorate of Nursing was awarded a rating of 97% for student satisfaction and 100% for graduate employment/ further study.

**Orthoptics**
Orthoptic graduates will be eligible to apply for statutory registration with the Health and Care Professions Council (HCPC) and look forward to a career as an Orthoptist in an eye care team. The programme has an excellent record of graduate employment with most graduates working within the National Health Service. The degree is also internationally recognised and highly respected.

**Physiotherapy**
Physiotherapy graduates are eligible to apply for membership of The Chartered Society of Physiotherapy and the Health and Care Professions Council (HCPC). There are many employment opportunities for physiotherapists to work in a wide range of clinical settings, from paediatrics to older persons’ care. Many graduates choose to work in the NHS, but others may decide to find employment in industry, private practice, sport, research or teaching. Your UK qualification also provides an opportunity to work abroad in many countries.

**Occupational Therapy**
Occupational Therapy graduates are eligible to apply for membership of The College of Occupational Therapy (COT), the Health and Care Professions Council (HCPC), and the World Federation of Occupational Therapy (WFOT) to work outside the UK. Your qualification allows opportunities to build a career in the NHS and Social Services with a wide range of specialities from mental health and physical conditions across all ages. You may also choose to work in private practice, independent health care, charities or commercial companies.

**Diagnostic Radiography**
On successful completion of the programme graduates will be eligible to apply for registration with the Health and Care Professions Council (HCPC). This will allow you to practise as a diagnostic radiographer. You can look forward to an exciting and rewarding career at the centre of modern medicine within the NHS or the private sector. The programme has an excellent record of graduate employment and the degree is also internationally recognised and highly respected.

**Radiotherapy**
With an ageing population and improved cancer detection techniques, there is a high demand for suitably qualified healthcare professionals to support cancer patients. As a radiotherapy graduate you will be a respected health professional in one of the most rewarding and stimulating health professions and will be eligible to apply for statutory registration with the Health and Care Professions Council (HCPC) and become a member of the Society of Radiographers. This programme has an excellent record of graduate employment within the NHS and our graduates are well respected and valued in the UK and internationally.

**How you learn**
Learning is promoted through a wide variety of activities that enable students to become autonomous and continuous learners. Interactive lectures, practical and clinical skills group work, simulation, directed study, role play, problem-based learning, small group work, student-led seminars, collaborative project work and interactive tutorials are key learning strategies of the programmes. Practical work using our imaging suite digital equipment, 3D virtual reality radiotherapy facility, Clinical Skills Resource Room and the Human Anatomy Resource Centre complement teaching activities.

Face-to-face interactions between all students will occur at shared lectures, tutorials and group work and online interaction will be encouraged and facilitated. There are also inter-professional education and learning opportunities across all healthcare professions programmes.
Degrees

<table>
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<th>IB</th>
<th>BTEC (Level 3 Extended Diploma)</th>
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</thead>
<tbody>
<tr>
<td>Diagnostic Radiography BSc (Hons) B821 3 years</td>
<td>BBB</td>
<td>30</td>
<td>Applications considered</td>
<td>155</td>
</tr>
<tr>
<td>Nursing BN (Hons) B700 3 years</td>
<td>BBB</td>
<td>30</td>
<td>Applications considered</td>
<td>155</td>
</tr>
<tr>
<td>Occupational Therapy BSc (Hons) B920 3 years</td>
<td>BBB</td>
<td>29</td>
<td>Applications considered</td>
<td>156</td>
</tr>
<tr>
<td>Orthoptics BSc (Hons) B520 3 years</td>
<td>BBB</td>
<td>30</td>
<td>Applications considered</td>
<td>156</td>
</tr>
<tr>
<td>Physiotherapy BSc (Hons) B160 3 years</td>
<td>AAB</td>
<td>32</td>
<td>Applications considered</td>
<td>156</td>
</tr>
<tr>
<td>Radiotherapy BSc (Hons) B822 3 years</td>
<td>BBB</td>
<td>30</td>
<td>Applications considered</td>
<td>157</td>
</tr>
</tbody>
</table>

Foundation to Health and Veterinary Studies (Year 0) 1 year

– Diagnostic Radiography (Year 0) 4ASC
– Nursing (Year 0) Y4AS
– Occupational Therapy (Year 0) 47OH
– Orthoptics (Year 0) P0HG
– Physiotherapy (Year 0) 4RAD
– Radiotherapy (Year 0) 0W21

B821 and B822 require grade B at A level in Biology, Human Biology, PE, Physics or Maths. B700 prefers one subject at A level to be a Biological Science, please note Health and Social Care is not considered a biological science. B920 requires A levels to include Health and Social Care, Psychology, Sociology or Biology, PE or Sport Science. B520 requires one of the following at A level: Biology, Maths, Physics or Chemistry. B160 requires Human Biology, Biology or PE at A level grade B.

For B821 and B160 applicants who offer the EPQ and meet our offer criteria will be made a standard offer, plus an alternative offer. This one will be at one A level grade lower, plus a grade A in the EPQ. For example, where the A level offer is ABB, the offer would be BBB at A level plus A in the EPQ.

- BBC offer with an A in EPQ.
- To include three higher level subjects at a minimum of grade 6. Higher level subjects must include Mathematics, and Biology or Physics.
- Please refer to the website [www.liverpool.ac.uk/study/undergraduate/courses/diagnostic-radiography-bsc-hons/entry-requirements/](http://www.liverpool.ac.uk/study/undergraduate/courses/diagnostic-radiography-bsc-hons/entry-requirements/) for the most up to date information on grade requirements.
- To include 3 higher level subjects at minimum of grade 5. Higher level subjects must include Biology, plus 2 other subjects.
- Please refer to the website [www.liverpool.ac.uk/study/undergraduate/courses/nursing-bn-hons/entry-requirements/](http://www.liverpool.ac.uk/study/undergraduate/courses/nursing-bn-hons/entry-requirements/) for the most up to date information on grade requirements.
- To include 3 higher level subjects at minimum of grade 5 and science at grade 6.
- Please refer to the website [www.liverpool.ac.uk/study/undergraduate/courses/occupational-therapy-bsc-hons/entry-requirements/](http://www.liverpool.ac.uk/study/undergraduate/courses/occupational-therapy-bsc-hons/entry-requirements/) for the most up to date information on grade requirements.
- To include 3 higher level subjects at minimum of grade 5. Biology must be offered at a minimum of grade 6.
- Please refer to the website [www.liverpool.ac.uk/study/undergraduate/courses/orthoptics-bsc-hons/entry-requirements/](http://www.liverpool.ac.uk/study/undergraduate/courses/orthoptics-bsc-hons/entry-requirements/) for the most up to date information on grade requirements.
- ABB offer with an A in EPQ.
- To include 3 higher level subjects – 2 at minimum of grade 5, or above, and Biology at minimum of grade 6, or above.
Diagnostic Radiography BSc (Hons)  
UCAS code: B821  
Programme length: 3 years  

This is a vocational programme with a large amount of clinical practice throughout the three years. The aim of this programme is to equip you with the knowledge, skills and attributes you will need to meet the challenges of being a competent and caring diagnostic radiographer working at the centre of modern medicine. You will develop knowledge of human anatomy and the way the body works, both in health and disease.

As well as becoming a competent radiographer, you will learn about the physical, psychosocial and environmental factors that influence the patient radiographer interaction. The primary objective of the programme is to provide the necessary understanding, knowledge, attributes and skills required to undertake appropriate diagnostic imaging examinations in a variety of clinical circumstances.

Nursing BN (Hons)  
UCAS code: B700  
Programme length: 3 years  

The overall aim of this programme is to equip you with all the knowledge, skills and attributes you will need to meet the challenges of being a nurse in the changing context of health care and to succeed in the modern National Health Service. This degree provides students with lifelong learning and working opportunities as well as a strong focus on nursing leadership. You will gain valuable theoretical knowledge alongside practical experience. The cohorts are small and this helps to ensure that our students receive the support they require to help them to get the best out of the programme.

Throughout the three years, you will gain extensive clinical experience in a variety of different settings, including hospital wards, clinics, community settings, critical care and palliative care. There is a global placement incorporated into Year Two to identify the public health needs of communities both in local and global settings.
**Occupational Therapy BSc (Hons)**  
**UCAS code:** B920  
**Programme length:** 3 years

The Occupational Therapy programme at Liverpool will equip you with a range of both academic and practical skills for a rewarding career that enhances the quality of life for a variety of people encountering physical, emotional and social difficulties.

You will be taught by respected academics with a breadth of clinical and research experience and will graduate with up to date knowledge. You will learn about the human body and use the impressive Human Anatomy Resource Centre. This knowledge will help you learn about disease and disability and how they impact on the ability to engage in everyday meaningful occupation.

Throughout the three years you will undertake clinical placements. We have extensive connections with a diverse range of clinical specialties in both physical and mental health, for all age groups from young children to the elderly in our student placements. There are also opportunities for you to study abroad.

Over 1,000 hours of clinical experience, together with the theoretical knowledge gained from the course, will enable the Liverpool graduate occupational therapist to competently analyse the psychosocial, physical and environmental factors in the lives of the people in their care and devise appropriate intervention to help them.

The programme has recognition from the World Federation of Occupational Therapy (WFOT) and the College of Occupational Therapists (COT), both of which are important for international job opportunities.

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**Orthoptics BSc (Hons)**  
**UCAS code:** B520  
**Programme length:** 3 years

The Orthoptics programme aims to develop your knowledge of how the vision system works, binocular vision involving how the eyes work together, and eye movement systems including the importance of assessing ocular motility. In addition, you will focus on the fundamentals of the nervous system, neuro-anatomy and physiology, and where it relates to the practice of Orthoptics. This background knowledge will enable a graduate orthoptist to perform as a competent and reflective practitioner and be a valuable member of the eye care team.

The Orthoptic programme will equip a graduate with the skills to diagnose and manage conditions which may present in a range of patients from newborns to the elderly, eg strabismus (eye misalignments), amblyopia (sometimes called lazy eye), traumatic injuries, tumours, head injuries, diabetes and strokes.

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**Physiotherapy BSc (Hons)**  
**UCAS code:** B160  
**Programme length:** 3 years

This demanding, full-time programme teaches you how to diagnose and holistically treat a wide variety of clinical problems. The curriculum is designed to reflect current practice with research evidence underpinning all aspects of teaching.

A broad range of learning opportunities ensures that learning is accessible to students expressing different learning styles and preferences.

Alongside academic and professional skills you’ll gain an excellent range of practical experience with our unique approach to practice placement provision. The programme at Liverpool will encourage you to become independent, resourceful and able to meet the exciting challenges of health care today.

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For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Radiotherapy BSc (Hons)
UCAS code: B822
Programme length: 3 years

With an integrated approach enabling you to relate your academic work closely to your clinical experience, this programme aims to produce competent, caring therapeutic radiographers, who are able to work at the interface between the latest in medical technology and the cancer patient. The programme will provide the skills and knowledge to enable you to become a professional capable of delivering first class cancer care. You will learn about the nature and development of cancer, the role radiation plays in its management and gain the clinical skills necessary to care for your patients on a daily basis.

Foundation to Health and Veterinary Studies (Year 0)
UCAS codes:
Diagnostic Radiography: 4ASC
Nursing: Y4AS
Occupational Therapy: 47OH
Orthoptics: P0HG
Physiotherapy: 4RAD
Radiotherapy: 0W21
Programme length: 1 year

The University of Liverpool, in collaboration with local FE partners, has developed a Year Zero foundation programme for Home/EU students that leads to access onto a variety of vocational Health Studies programmes. Students seeking entry to Dentistry, Medicine, Nursing or the Allied Health Professions and Veterinary Science study at the Sixth Form College, Birkenhead or Carmel College, St Helens.

Please note: application to this programme is through UCAS, which is specifically targeted at Home/EU mature and non-traditional students who typically have taken a break from studies.

For further information please contact
Sean Hollywood on T: +44 (0)151 794 9490
E: s.hollywood@liverpool.ac.uk
History

Studying history changes the way you view the world around you and how you understand your place in it. If you have a genuine curiosity about history and a desire to develop a set of advanced skills in a challenging but supportive environment, history at Liverpool is the place for you.

There is such a variety of topics to study, from modules on American slavery to ancient warfare and medieval Rome. I have improved my knowledge on topics I was already interested in and also delved into specialisms I’d never covered before, finding new areas of interest. The staff here genuinely care about their students and are always available if you require any extra help. The History Department at Liverpool definitely go the extra mile for their students.

Kelly O’Neill
History BA (Hons)
Engage with internationally renowned lecturers
You’ll learn from lecturers that are internationally recognised leaders in their fields, and their vast knowledge and excellence run through into their teaching with unrivalled passion. You’ll not only be taught the fundamentals of your subject but our research-led ethos means that you’ll work closely with your lecturers to unlock the debates and problems that lie at the heart of current historical research. You’ll also work alongside staff to develop the skills to present your ideas to the wider community, for example through blogging, short films, theatre productions and museum exhibitions.

Benefit from innovative and flexible study options
Through your degree you’ll be taught and supported to use fascinating and unusual sets of primary source material focusing on a mixture of topics from high politics and international relations to social and cultural history.

Develop academically and professionally
We have innovative teaching and learning methods to help you gain and develop the key skills you need to analyse, document and present information effectively, both individually and as part of a team. We provide you with access to a suite of digital resources, allowing you to become an active researcher by gathering and analysing new sources. The rapid growth of online archives has transformed the possibilities for research in modern cultural and social history; we can now gather sets of primary sources in weeks that would previously have taken years to collect. For you, this opens up tremendous possibilities, as you can undertake new forms of research, developing skills of analysis and interpretation, as well as data collection. In establishing these skills you will benefit while you are studying here and be well-equipped for future employment.

Study in a city where history is brought to life
You’ll be studying and living in a city connected to some of the great stories and dramas of the past: war, civil war and empire, the migration of millions of Britons and Irish to the Americas, the enslavement and shipping of millions of Africans to the New World, and the growth of new forms of industry and commerce with Asia that transformed the Old World. When you walk around campus and Liverpool city, the echoes of the past are everywhere, from the wonderful Georgian surroundings of Abercromby Square to the musical, intellectual, artistic, sporting, commercial and maritime legacies that have shaped this city.

This unique setting on our doorstep shapes your degree, puts the city of Liverpool at the centre of some of our modules and offers you the chance to work with local curators and activists.

Be supported in small teaching groups
You’ll be taught in small teaching groups and fully supported throughout your studies by your academic tutors to achieve the highest level of independent work.

Study abroad
As part of your History degree programme you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. History students can currently apply to study abroad at Charles University (Czech Republic), University of Toronto (Canada), Monash University (Australia) or at one of our many other worldwide partners. For more information, visit www.liverpool.ac.uk/goabroad
Year in China 🇨🇳
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including History, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

How you learn
Small group seminar teaching is a vital part of our modules and you will have the opportunity to pursue independent work to a very high level. In many modules our students are introduced to team-work through the use of ‘buzz groups’ or joint projects. Modules combine a range of different teaching techniques which include various combinations of lectures, seminars and tutorials. You will also conduct independent study and research, using the University library’s extensive resources. Modes of assessment test your capacity to present material orally and to write effectively, either with extensive preparation in coursework, or with immediate readiness in examinations. In Year Three, longer pieces of work test your research skills. Written and oral feedback on your assessment will help you improve your study skills and understanding of the past: you are always welcome to discuss your work with your module tutor in their office hours or by appointment.

Your future
The Association of Graduate Recruiters reports that employers are increasingly looking for ‘softer’ skills such as team-work, informed judgement, cultural awareness and leadership. A History degree from Liverpool offers you the opportunity to develop this enviable range of skills, offering a flexible platform on which to base a vast array of career options.

Our graduates progress to a range of careers including banking; law; financial consultancy; retail management; national and local government; charities; journalism; publishing; arts; heritage and culture organisations; teaching in schools and universities; archives and records management.

Honours Select
History combines very well with many other subjects including: Politics, English, Modern Languages, Ancient History and Economics.
This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ. Please note that any Honours Select programmes which have a Management, Law or Sociology component will not accept the EPQ.

- AAB (ABB offer with an A in EPQ).
- BTEC applications are encouraged. We evaluate each BTEC application on its merits and may make offers at DDM, with 100 out of 180 credits at Distinction.

**History BA (Hons) V100**

**UCAS code: V100**

**Programme length: 3 years**

You will start by exploring a broad range of historical periods – some of which may be less familiar – giving you a good basis for making choices later in the degree. You will also experience a wide variety of approaches to history and are free to study aspects of the past that interest you the most. For instance, some modules focus on political history or the history of warfare. Others place the emphasis on social and cultural history, drawing on perspectives inspired by disciplines such as Sociology and Anthropology. You can also take modules on global history or ones that focus on national histories, whilst others will allow you to explore particular themes, such as slavery, human rights, the environment or the cold war. The degree programme is designed to move from breadth to depth, from directed to more independent learning and to foster the development of advanced research techniques over the three years.

**History Joint**

The Joint (50%) in History covers the skills you need as a historian and offers a lot of flexibility to choose the combination of topics that best complements your interests. History combines very well with many other subjects. Examples of popular Joint Honours combinations are History and Politics (LV21) and English and History (QV31).

**History Minor**

History combines very well with many other subjects, such as Politics, English, Modern Languages, Ancient History and Economics. The Minor (25%) in History gives you the flexibility to explore those topics that best complement your Major subject.

Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.
Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.
Irish Studies

As a European nation with a fascinating, although often turbulent, past, Ireland represents an ideal prism for the study of history, literature, and politics. You will not only explore the role of Ireland as an emerging independent nation, but also understand its part in a broader matrix of British and global history. The interdisciplinary nature of the programme provides an interesting and rewarding engagement with this nation’s true personality, to set aside the simplified and stereotypical view of Ireland and its peoples and to focus instead on the diversity and plurality that inform Irish identity.

The Institute of Irish Studies at Liverpool is highly regarded and has excellent links with the Irish government, both north and south of the Irish border. We are invited to regular guest lectures and debates and attending such events has really widened my knowledge, enabling me to become acquainted with subjects peripheral to the topics covered in lectures and seminars and enhancing my understanding of my degree.

Afton McNamee
Irish Studies with English BA (Hons)
Study in a department with world-leading research in an internationally recognised institution
The Institute of Irish Studies was recognised in 2007 by the Irish government with a multi-million pound endowment to celebrate its achievement in contributing to the development of greater understanding between the two countries.

Be part of an important, influential and internationally recognised institute
Our Institute of Irish Studies is unique as a National Centre of Excellence in Britain for the study of Ireland and our programmes cover a wide range of topics from Irish politics and history to its literature and culture. Ireland’s ambassador to Britain, His Excellency Daniel Mulhall, has written of his admiration for the Institute which “plays a special role in promoting Irish Studies in Britain and thus fostering close ties between our two countries”. Our students have gone on to win places on prestigious graduate programmes and to work with NGOs, in banking, the civil service, law, arts administration and teaching.

Learn in a friendly and supportive environment recognised for its high levels of student satisfaction
We are a small department based in one, Grade I-listed, building on the main campus, where all staff are not only involved in internationally renowned research but foster a friendly, supportive environment for students. All academic staff are widely published and internationally respected for their scholarship – this learning then feeds into our teaching so that students are at the cutting edge of research in a variety of intellectual fields.

Benefit from access to renowned speakers
While you are studying with us you’ll also be able to access the extensive programme of events that are held at the Institute, with regular high calibre speakers presenting. Speakers have included the late David Ervine, Dr Mo Mowlam, the current Irish President Michael D Higgins, former Irish Presidents Mary Robinson and Mary McAleese and writers Roddy Doyle, Seamus Heaney and Colm Tóibín.

We also host events for the Liverpool Irish Festival every October and these have included lectures by the author Patrick McCabe, the late filmmaker Peter Lennon and the keeper of Antiquities of the National Museum of Ireland Dr Eamonn Kelly. Our close relationship with the Irish Department of Foreign Affairs also sees regular visits and contributions to events from the Irish Ambassador to Britain, His Excellency Daniel Mulhall.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Study abroad
As part of your Irish Studies degree programme you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Irish Studies students can currently apply to study at the National University of Ireland, Galway. There is also the opportunity for students to spend a semester at Boston College, USA, University of Georgia, USA or the University of Toronto, Canada. For more information, visit www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Irish Studies, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future
This interdisciplinary subject provides you with a range of transferable skills that include research methodologies such as questionnaire design and execution, interview techniques, linguistic skills and the ability to analyse literary texts and historical documents, as well as photographic and artistic representations. An Irish Studies degree will allow you to pursue a career in areas such as heritage and tourism, teaching, publishing, journalism, public relations, marketing, parliamentary research and the civil service.

Alternatively, many of our graduates go on to undertake further academic research.

How you learn
You will attend lectures, seminars and make a field trip to Ireland. You will be assessed by a mixture of coursework and examinations in January and May/June of each year. Your final degree classification is determined by performance in Years Two and Three and assessment of the third year project-based modules is by extended essay or dissertation.
Irish Studies BA (Hons) Q540

UCAS code: Q540
Programme length: 3 years

As a modern European nation with a fascinating although often turbulent past, Ireland represents an ideal prism for the study of history, literature, and politics. The role of Ireland as an emerging independent nation, as well as part of a broader matrix of British and global history is explored, whilst its outstanding contribution to English literature in writers such as Wilde, Beckett, Joyce and Yeats also feature as part of this absorbing degree. Students can also look to study the causes of the Troubles in Northern Ireland and reasons why its peace process acts as a template for other conflicts across the globe. The interdisciplinary nature of the programme facilitates an interesting and rewarding engagement with the true personality of Ireland and its peoples. The aim of this programme is to set aside the simplified and stereotypical view of Ireland and its peoples and to focus instead on the diversity and plurality that inform Irish identity.

Irish Studies Joint

You will receive a general grounding in all aspects of Irish Studies. You will explore Irish identity and society from a number of perspectives including the historical, the linguistic, the literary and its material culture. You then have the opportunity to choose modules in order to specialise in a specific area.

Irish Studies Minor

Irish Studies is an ideal complement to a Major in a broad range of subjects. You will explore Irish identity and society from a number of perspectives including the historical, the political, the literary and its material culture. You then have the opportunity to choose modules in order to specialise in a specific area.

Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.
Law

Studying Law at Liverpool offers you the opportunity to build the foundations of your legal or professional career in an innovative yet supportive environment. You will be taught by staff internationally renowned for their research and impact, benefit from access to our established connections with legal professionals and be encouraged to engage with real clients, under the guidance and support of our dedicated Law Clinic.

Another thing I love about my programme is that we have a student law society for every career route. So, whether you want to be a barrister, a solicitor, an academic, or go into research – there are societies for each that will give you more information on your career choice and help you develop the skills you need to stand out.

Chloe Lee
Law LLB (Hons)

Good to know:

88.5% of graduates are employed or in further study within six months of graduating (Destination of Leavers from Higher Education 2015/16)

Winner of Best Contribution by a Team of Students (2014), Hillsborough Team, University of Liverpool – The LawWorks and Attorney General Student Pro Bono Awards

250 students had the opportunity to work under supervision in the Liverpool Law Clinic last year, giving advice to members of the public

Offers study abroad opportunities

Offers a Year in China

Offers Honours Select combinations
Why choose Law at Liverpool?

Study in one of the UK’s great legal centres for promoting social justice
As one of the oldest law departments in the UK, studying at Liverpool Law School combines over 100 years of teaching experience with modern approaches to learning. You will be encouraged to develop your professional skills through the supported activities of the School's pro bono Law Clinic, our in-house legal practice.

Develop your skills in the Liverpool Law Clinic, our flagship in-house legal practice
The Liverpool Law Clinic offers all students the opportunity to participate in a wide range of additional activities, including a summer placement. Final year Law students also have the opportunity to develop their professional skills by representing real clients, under the supervision of the Clinic’s in-house legal team of practising lawyers. Our Law Clinic students and staff have won awards for their hard work and commitment, including the Attorney General Student Pro Bono Award for their work on the Hillsborough Project and a joint Civic Contribution award for their work on the Statelessness project, a specialist Immigration and Asylum service helping people who are stateless, the first specialist practice module of its kind in Europe.

Connect with businesses and professionals
Our Law School Professional Mentoring Scheme allows you to build networks and connections with the legal profession, offering you the opportunity to enhance your employability skills and career options. You will be assigned a professional mentor (ranging from solicitors, barristers, international lawyers, judges and third sector professionals), who will provide careers advice and assistance to you on an individual basis throughout your studies.

Prepare for your future
Graduate with a Law degree from Liverpool Law School and you will be in great company, with 88.5%* of graduates employed or in further study six months after graduation. The first female High Court judge in the country was a Liverpool Law School graduate and our alumni includes judges of the Supreme Court, Court of Appeal, High Court and County Court, members of Parliament and legal practitioners as well as many entering other professions including accountancy, social work and banking (*DLHE 2015/16).

Learn from leading experts
You will be taught by internationally renowned and award-winning lecturers who are actively engaged in research concerned with social justice and the role of law in society. Through our research-led teaching we help our students develop as independent learners and researchers, gaining valuable skills for use in their subsequent careers. This research culture means your education will be cutting edge, innovative and stimulating.

Fulfil your potential in a supportive environment
We know that starting university can be a big step, both academically and personally so we have created a supportive environment to help you throughout your studies. An Academic Adviser will support you with your personal academic development and a dedicated Student Support Officer will provide you with one to one advice should you need it. Our unique mix of teaching methods and specialist support for careers and employability are designed to enhance important transferrable skills. Our flagship in-house legal practice, Liverpool Law Clinic, our lively mooting, advocacy and legal societies, and the opportunity to contribute to our University of Liverpool Law Review, enable you to further develop those skills through hands-on practical experience.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Study abroad 🌍
Offered on programmes with a language component or the Year Abroad.

Year in China 🌍
The Year in China is the University of Liverpool’s flagship programme enabling undergraduate students from a wide range of departments, including Law, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Widening Participation
We are committed to widening access to the Law profession, through our Pathways to Law programme which supports local Year 10 and Year 12 students aspiring to a career in law. For more information on opportunities available www.liverpool.ac.uk/widening-participation/about-us

Your future
The majority of our graduates enter the legal profession. However, any degree which incorporates Law is recognised as a mark of excellence in virtually all employment spheres. Past graduates have embarked on a wide variety of professions, such as the Civil Service; banking; charities and international organisations; management; the armed forces; accounting and finance; and the police service.

How you learn
You will be taught through a combination of large class lectures and small class sessions such as tutorials, seminars or workshops. Formal lectures are intended to give you a sound understanding of legal topics covered in the relevant modules, and you are expected to enhance your knowledge through private study and research.

Tutorials and seminars require active student participation and are particularly effective in assisting you in applying the law to practical situations. In addition, there are alternative forms of teaching delivery, such as podcasts, drop-in sessions, learning cafés and clinical legal skills. Online resources and exercises, group work and presentations all help to ensure that you develop a strong set of transferrable skills.

Which degree?
You may study for a Single Honours Law degree or you may combine your law degree with a second subject.

The Law LLB (Hons) enables you to obtain a Qualifying Law Degree (QLD) and provides exemption from the first stage of academic training in relation to both the Bar and the Law Society’s requirements. Whether your background is in humanities or sciences, this degree will help you to develop transferable skills such as logical argument, agility of mind and effective research, providing invaluable skills, whichever career path you wish to follow.

Law with Accounting and Finance is a standalone degree which allows you to obtain a QLD.

For non-law graduates who already hold a first degree and wish to obtain a QLD, Law for Graduates is a two-year programme providing core legal knowledge.

We also offer two degrees which allow you to combine legal studies with a modern foreign language, Law with French (M104) and Law with Spanish (M108), or you can choose to study Law with a Year Abroad, allowing you to spend your third year of the programme abroad.

You will also obtain a QLD if you study Law as your Major through Honours Select (see below).

Honours Select
We provide the opportunity to study Law as a Major (75%), Joint (50%) or Minor (25%) subject, through our Honours Select programme, combining your interest in Law with another subject. Studying Law as one element of your degree programme allows you to explore interesting aspects of the law and its role in society, whilst maintaining your other subject interests.

Please note: If you wish to obtain a Qualifying Law Degree in order to practice Law you will need to study a Single Honours (100%) or Major (75%) in Law. Although Honours Select allows students to move in a 25% increment at the end of the first year of study. Due to module requirements for a Qualifying Law Degree, it is not possible to transfer from 50% to 75% Law at the end of your first year.
Degrees

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<tr>
<th>Law LLB (Hons) M100 3 years</th>
<th>Typical Offer</th>
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<tr>
<td>A level</td>
<td>IB</td>
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<td>ABB 33</td>
<td>DDD</td>
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<tr>
<th>Law with Accounting and Finance LLB (Hons) M101 3 years</th>
<th>ABB 33</th>
<th>DDD</th>
<th>175</th>
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<tr>
<td>Law with French LLB (Hons) M104 4 years</td>
<td>ABB 33</td>
<td>DDD</td>
<td>175</td>
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<tr>
<td>Law with Spanish LLB (Hons) M108 4 years</td>
<td>ABB 33</td>
<td>DDD</td>
<td>175</td>
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<tr>
<td>Law with a Year Abroad LLB (Hons) M111 4 years</td>
<td>ABB 33</td>
<td>DDD</td>
<td>175</td>
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<tr>
<td>Law for Graduates LLB (Hons) M109 2 years</td>
<td>DDD</td>
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M104 and M108 require grade B at A level or equivalent in the language to be studied. For information about combining Law through Honours Select see page 293. For further information about the differences between our degree programmes in Law, please see our Law webpages.

1 DDD with 120 out of 180 credits at Distinction.
2 2:1 in degree.

Law LLB (Hons) M100
UCAS code: M100
Programme length: 3 years

Law is not just about learning what the rules are, but about thinking about what they should be. This degree offers a truly modern legal education reflecting the needs and concerns of society in the 21st century. Whether you are planning a career in the legal profession or a career in almost any other field of expertise, this degree will challenge and inspire you.

As a Law student you will develop key skills in presentation and legal argument and research, whilst engaging with the study of law, the impact of law in society and the operation and construction of legal rules.

Law Joint

Studying Law as 50% of your degree gives you a thorough understanding of the discipline of Law and the role of Law in regulating society; however Law as a Joint (50%) option does not lead to a Qualifying Law Degree. Law is an interesting and important subject for study, involving consideration of our notions of justice, our relationships with one another and with the state, and the processes for affecting change in society. You will be able to develop your legal skills and understanding whilst dividing your time equally between Law and another subject.

Law is a subject which permeates and affects culture and society, and is a complementary field of study to many other subjects. Studying Law at 50% works particularly well with a number of other programmes in the humanities and social sciences, for example Social Policy, Business Management or Politics.

Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.
You can incorporate the study of Law as the Minor component of your Major/Minor degree; however, Law as a Minor (25%) option does not lead to a Qualifying Law Degree.

This gives you the opportunity to engage with the study of Law as one aspect of your degree, complementing your studies in another subject. Law is central to the regulation of society and social relations and provides an interesting subject with which to supplement your other studies. The nature of the skills acquired through legal study, including research, communication skills, team-work, and the ability to develop and express coherent arguments will complement and reinforce the skills developed as part of your other subject choice. Law is an interesting and engaging topic of study, and is involved in the cutting-edge issues of the modern world, as well as providing important skills which will be valuable in your future career.

You will spend your third year abroad, either studying at a partner institution in France or undertaking a suitable work placement, thus completing the degree in four years full-time.

**Law with Spanish LLB (Hons)**
UCAS code: M108
Programme length: 4 years

The core modules required for a Qualifying Law Degree are studied alongside a programme in Spanish language, culture and society. Optional modules on the Law side of the programme will allow you to pursue specialist legal studies in fields of relevance to your future career plans and academic interests.

You will spend your third year abroad, either studying at a partner institution in Spain or undertaking a suitable work placement, thus completing the degree in four years full-time.

**Law with a Year Abroad LLB (Hons)**
UCAS code: M111
Programme length: 4 years

This exciting degree programme allows you to complete the core modules required to obtain a Qualifying Law Degree for professional purposes whilst also allowing you the opportunity to spend Year Three of the programme on an approved placement at a European or overseas partner institution. You will gain transferrable skills that come with living and adapting to life in a different country, skills that will help with your employability and career prospects.

**Law for Graduates LLB (Hons)**
UCAS code: M109
Programme length: 2 years
(Graduate entry programme)

This two-year graduate entry programme is aimed at non-law graduates who wish to obtain a Qualifying Law Degree for professional purposes and who already hold a first degree.
Life Sciences

Choose Life Sciences at Liverpool and you will have over 100 years of teaching and research experience supporting you. Over that time, we have developed an academic community that draws on disciplines from across the Life Sciences, offering you a breadth and depth of flexible study choice we believe is unrivalled in the UK. Here, you can really shape your studies according to your interests, and be confident that the teaching you receive is informed by the very latest, ground-breaking research from across our renowned Faculty of Health and Life Sciences.

You are given lots of opportunities to shape the direction you want to take by selecting specific modules. When I was researching where to study this aspect drew me to Liverpool as I liked the idea of this freedom and that I could select the modules I liked most.

Lydia Hawker
Pharmacology BSc (Hons)
Why choose Life Sciences at Liverpool?

Shape your study with real flexibility and choice
You’ll study in one of the largest Schools of Life Science in the UK drawing on over 100 years of teaching and research experience, meaning you can shape your studies by choosing modules from across the entire spectrum of the life sciences; a breadth of choice unique in the UK. You’ll also enjoy links to our Schools of Medicine, Dentistry and Veterinary Science, and the Liverpool School of Tropical Medicine.

Enjoy excellent career prospects
You’ll benefit from our excellent international reputation for research in growth areas such as the biotechnology, post-genomic and pharmaceutical industries. 92% of our recent graduates were employed or in further study six months after graduation.

Strengthen your employability through overseas study
Give your future employability a further boost by choosing to study or take part in field courses abroad. Our networks stretch as far afield as Uganda, Thailand and China.

Work in leading-edge facilities
Life science is at the leading-edge of science, so our facilities are too. Over £30 million has recently been invested in the School’s facilities, such as our Biology Teaching Centre, the state-of-the-art Biosciences Building, the Biomedical Sciences Building and the Human Anatomy Resource Centre. This ensures your studies are fully supported by the very best in teaching and research equipment.

Study abroad
There are many opportunities for Life Sciences students to study or work abroad. These include exchange schemes with partner universities across the world, where students may study for one semester. For further information on student exchange, visit www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Life Sciences, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future
As a Life Sciences graduate from the University of Liverpool, you will have a good set of career options ahead of you. For those committed to a career as a research scientist, further study for a higher degree (MBiolSci, MSc, MRes, MPhil or PhD) at the University of Liverpool or elsewhere is the normal route.

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

Commercial sectors that actively recruit graduates from the Life Sciences include the pharmaceutical, food, biotechnology, water and agriculture industries.

There is also an increasing demand for life scientists to contribute to the public understanding of science as journalists and information/liaison officers, in view of the ethical and environmental issues that arise, for example, by developments in molecular biology and biotechnology.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
A postgraduate qualification (PGCE) for entry into the teaching profession is also an option, with significant financial inducements provided to meet the current demand for science teachers. In addition to all of the opportunities for graduates in general, including careers outside of biology (such as management, accountancy and human resources), where the skills you have obtained in our degree programmes will be of considerable benefit, our degree programmes are also popular routes to postgraduate Medicine, Dentistry or Veterinary Science.

How you learn
You will experience a range of learning environments during your studies at Liverpool. These will include student-centred activities as well as lectures, tutorials, laboratory practicals, dissection classes, fieldwork, data handling sessions and computer workshops. Some of these activities will be performed individually, such as personal research projects, and others in small tutorial or project groups, in addition to formal lectures and workshops. You will have research staff as well as your own academic adviser for individual tuition on our acclaimed tutorial programme.

Which degree?
At Liverpool, we offer two routes for students wishing to study for a degree in Life Sciences. You can enrol on our deferred choice programme (C100) that allows students to learn about the different subjects available in Life Sciences before specialising, or retain their broad interests and gain a degree in Biological Sciences. Alternatively, students can enrol on a specific programme of study that specialises in one area of the Life Sciences.

All our three-year programmes can be extended into a fourth year by transfer into our integrated master’s programme (C900), subject to students’ performance. This fourth year provides students with opportunities to study and work abroad, in research institutes or in industry.

Specialist subject degrees
Anatomy and Human Biology (B110) provides practical anatomy teaching throughout the degree, and modules range from across Life Sciences.

Biochemistry (C700) is a popular choice because it spans both biology and chemistry, and explores the mechanisms by which cells and tissues perform their functions. If you are interested in the molecular basis of life and its evolution, then Genetics (C400) will provide an excellent training in these subjects.

Microbiology (C500) is a broad based degree for those interested in microbial life on this planet, including the biology of bacteria and viruses responsible for infectious disease. If you want to understand disease processes and how drugs control them, you should consider Pharmacology. If you are interested in regulatory processes at the tissue and cellular level, then Human Physiology will be your best option.

Human Physiology (B120) and Pharmacology (B210) are integrated with the teaching programme for Life Sciences so that you will gain a broad training in biochemistry, organic chemistry, cell biology, genetics and other relevant subjects before full-time specialisation in your final year.

More specific training in global disease impact, specifically in the developing world, is provided by Tropical Disease Biology (C111). The diversity and function of multicellular organisms, from insects to mammals, is the focus of study in Zoology (C300). Bioveterinary Science (D900) is taught jointly by staff in the Schools of Life Sciences and Veterinary Science.

You may be able to transfer to another programme of study in your final year, provided that you select the appropriate modules in Year One and Two.

Biological Sciences (C108) is a four-year programme with a Foundation Year at Carmel College followed by three years at the University of Liverpool, and acts as an entry route to many of the Honours Schools in Life Sciences.
Our Master of Biological Sciences (C900) programme, provides the opportunity to study one of our specialist or general three-year programmes, followed by a master’s year. This master’s year is very flexible and contains opportunities for working in industry or gaining international experience in one of our partner institutes, for part or all of the year. You will graduate with a degree qualification that reflects your specialisation, eg MBiolSci (Biochemistry) or MBiolSci (Anatomy and Human Biology) etc. Students can also transfer to C900 from our other programmes (subject to academic performance) to extend their studies into a fourth year of study at master’s level.

**Work experience opportunities**

Students on our four-year MBiolSci programme have the opportunity to take elective internships abroad at our partner institutions. For example, while at universities in Thailand, students have worked on topics such as coral reef and mangrove ecology, genetics of shrimp development and new drugs for tuberculosis. Students in their final year of the MBiolSci also have the opportunity to work in industry, either for six-week internships or for the entire final year. You may have the exciting option to undertake a foreign field course in western Uganda which is available when studying a number of our undergraduate degree programmes. The 12-day trip involves study at both the Kibale National Park (10 days) and Queen Elizabeth National Park (2 days). Topics covered whilst in Uganda include tropical forest and savannah ecology, biodiversity patterns, primate behaviour and ecology, subsistence versus commercial agricultural practices, and ecotourism.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
## Degrees

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<th>BTEC (Level 3 Extended Diploma)</th>
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<td>Biological Sciences leading to BSc (Hons) (4-year route with Foundation Year at Carmel College)</td>
<td>C108 4 (1 + 3) years①</td>
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<td>MBiolSci (Hons) integrated master's</td>
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<td>AAB①</td>
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### Degrees offered with other departments

- **Conservation and Biodiversity**
  - BSc (Hons) C192 3 years
  - MEcol (Hons) C180 4 years

- **Marine Biology**
  - BSc (Hons) C160 3 years
  - MMarBiol (Hons) C161 4 years
  - Marine Biology with Oceanography C1F7 3 years

C100, C111, C300, C400, C500, and D900 require Biology A level plus a second science, preferably Chemistry, at A level. C130 and C700 require both Biology and Chemistry at A level. B210 requires Chemistry A level plus a second science, preferably Biology, at A level. B110 and B120 require A levels in two science subjects, one of which must be Biology/Human Biology. C900 subject requirements should follow those of the corresponding three year programme. For applicants from England, where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the science practical in each subject will be required. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.

① ABB offer with an A in EPQ.
② With at least 120 Level 3 credits at Distinction. Applied Science only with relevant units in Biology and Chemistry. Please refer to the website www.liverpool.ac.uk/lifesciences/undergraduate for the most up-to-date information on grade requirements.
③ BBB offer with an A in EPQ.
④ Foundation programmes have flexible entry requirements. Contact E: degree@carmel.ac.uk for details.
Anatomy and Human Biology BSc (Hons)
UCAS code: B110
Programme length: 3 years

This is a practical, hands-on degree in Anatomy that allows you to combine a programme that includes cadaveric dissection with modules from medical and biological sciences. This degree will suit you if you want a thorough understanding of the structure and function of the human body. Our students are well prepared to compete for graduate entry into Medicine, Veterinary Medicine, Dental Sciences, Diagnostic Radiography and Physiotherapy, for higher degrees, and for careers in biological and medical science, archaeology, forensic science, palaeontology, sports science and teaching.

Biochemistry BSc (Hons)
UCAS code: C700
Programme length: 3 years

Biochemistry is the study of molecular structures and interactions in living organisms. Biochemists seek to understand living organisms in terms of chemical reactions. If you have a natural curiosity for science and a proven understanding of biology and chemistry, coupled with a desire to learn how science can be exploited for the benefit of mankind, then you have a fascinating career ahead of you. Biochemists are in great demand by employers. This degree will provide you with the knowledge and skills that employers want in medical and agricultural research, the pharmaceutical and other biotechnology industries, as well as in education.

Biological and Medical Sciences BSc (Hons)
UCAS code: C130
Programme length: 3 years

This programme provides a broad-based education in Life Sciences related to medicine, and offers great flexibility of module choice so that you can follow your own particular interests. This programme is particularly suitable if you are intending to apply for graduate entry into Medical or Dental Schools, but it also prepares you for a wide range of other careers including scientific research and the biotechnology and pharmaceutical industries.

Biological Sciences BSc (Hons)
UCAS code: C100
Programme length: 3 years

Biological Sciences is the key science of the 21st century. It brings together ideas, techniques and information from all areas of biology – from ecology to the molecular sciences. This programme allows you to pursue your own areas of specific interest and to have an appreciation of the full range of the subject. However, should you decide sometime in the first two years that you wish to specialise, you can transfer to a number of programmes in the School of Life Sciences.

Bioveterinary Science BSc (Hons)
UCAS code: D900
Programme length: 3 years

This three-year programme will provide you with a wide knowledge of biological and animal sciences, practical techniques and transferable skills for careers allied to veterinary science, scientific research, conservation, animal welfare and the biotechnology and pharmaceutical industries.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
**Genetics BSc (Hons)**  
UCAS code: C400  
Programme length: 3 years

Genetics is at the cutting edge of modern biology and the fast pace of major new developments has made Genetics an exciting field of study. Recent development in genomics and biotechnology in particular, have led to huge advances in the fields of personalised medicine and genetic engineering; areas that have the potential to revolutionise how we treat and think about disease, how we produce crops and manufacture new biological materials. In short, modern Genetics underpins all of biology. Whether your interests lie in medicine, cancer biology, evolution, biotechnology, plant genetics and food security or molecular biology, Genetics has something to offer you.

**Human Physiology BSc (Hons)**  
UCAS code: B120  
Programme length: 3 years

Human Physiology is the science of how the body works and is one of the fundamental disciplines of modern medicine. Physiology investigates the interaction of molecules, cells, tissues and organs, and how these parts make up the whole body. Human Physiology at Liverpool has a focus on cellular and molecular mechanisms of disease. As you work through your degree here at Liverpool your knowledge of Physiology will expand through learning from experts in their fields. There is an emphasis on integrating molecular, cellular, systems and whole body function, which distinguishes Physiology from other life science degrees. This makes it very relevant for postgraduate study in medicine.

Some of the major research areas covered within Human Physiology at the University of Liverpool are neurodegenerative ageing and neuronal signalling, oncology, regenerative medicine and stem cell physiology not forgetting signalling in smooth muscle (in the Centre for Better Births).

**Microbiology BSc (Hons)**  
UCAS code: C500  
Programme length: 3 years

In spite of their size, the impact of microbes on the planet is so extensive that life as we know it could not exist without them. In addition, microbes cause many of the known diseases of humans, animals and plants. Knowledge of Microbiology will enable you to improve the quality of our lives in relation to the environment, to fight disease, and to combat pollution. Microbiology plays a key role in genetic engineering and other modern biotechnologies, such as antibiotic production and the exploitation of new sources of food and energy.

**Pharmacology BSc (Hons)**  
UCAS code: B210  
Programme length: 3 years

Pharmacology is an exciting branch of experimental science concerned with drugs and how they work in the fight against disease. You can be part of the UK’s largest Pharmacology Department by studying at the University of Liverpool.

Taught by leading academics who are active researchers in their fields in a rich and vibrant environment, you will study the physiological and biochemical processes underlying diseases such as AIDS, malaria, asthma, cancer, cardiovascular and neurological disease, and learn how drug molecules can be designed to relieve symptoms and combat the disease process.

This course provides an advanced programme using different forms of teaching, including lecture-based study of classical pharmacology, physiology, cell biology, biochemistry, molecular toxicology, cancer pharmacology, and many others. You will take part in small group tutorials, practical classes, and conduct an original research project and a library dissertation on two topics that are the subject of active research in the Department.

Our local, national and international links with other leading academic institutions as well as industry will provide you with exposure to a wealth of opportunities.
Furthermore, the practical nature of the degree means you will be better prepared to apply for careers in research, including graduate entry to medical school or into a PhD or master’s programme. Our graduates move into careers in various sectors, which include large and small pharmaceutical and biotech industries and academic research, both nationally and internationally.

**Tropical Disease Biology BSc (Hons)**
UCAS code: C111
Programme length: 3 years

This programme will appeal to students who are interested in a range of aspects of the biology of infectious disease in a global context, but with an emphasis on the tropics. A practical skills module in Tropical Disease Biology will be offered in Year Two.

**Zoology BSc (Hons)**
UCAS code: C300
Programme length: 3 years

Zoology is the study of animal life, from whole animals and populations through tissues to their cells and molecular structures. Zoologists are concerned with the conservation of biodiversity. They also look at the behavioural patterns of animals, animal diseases and how they survive in their natural habitats.

Zoology graduates find work, for example in zoos, in wildlife conservation and management, or in wildlife documentary or they go on to study Veterinary Science.

**Biological Sciences leading to BSc (Hons) (4-year route with Foundation Year at Carmel College)**
UCAS code: C108
Programme length: 4 (1+3) years

Intended for adult learners or undergraduates who wish to take up Biology but do not have the appropriate subject background, Biological Sciences offers a foundation year at nearby Carmel College.

This is not a programme in itself but acts as a springboard onto other Life Science degrees. This deferred choice programme means that you have the flexibility and freedom to switch to your chosen degree after completing the foundation year (Year Zero). The aim of this programme is to make you an expert in one particular field with the ability to cross discipline boundaries, a highly attractive prospect to employers.

**Integrated master’s MBiolSci**
UCAS code: C900
Programme length: 4 years

This is a four-year integrated master’s programme aimed at developing enhanced research skills for students seeking a high-level career in research (eg studying for a PhD or working in industry). For the first three years of study, students will select one of the available pathways (Anatomy and Human Biology, Biochemistry, Bioveterinary Science, Genetics, Microbiology, Pharmacology, Human Physiology, Tropical Disease Biology, Zoology, Biological and Medical Sciences or Biological Sciences) and will study a mix of theory and practical modules appropriate to the BSc Honours programmes for these areas. Students in three year programmes can transfer into C900 for a fourth year, subject to performance.

During the fourth (master’s) year, students will take advanced modules to enhance further their research skills; will join a research team to undertake a significant research project. Students will also have the opportunity for a research internship in the UK or overseas, or to spend time working in industry in this final year.

This course is accredited by the Royal Society of Biology (Advanced Accreditation)
www.rsb.org.uk

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Management School

Take the first steps towards your future professional career by joining our Management School, one of an elite group of institutions worldwide to be AACSB Accredited. We are a modern and innovative School offering degree programmes that provide you with the knowledge, skills, opportunities and experience you need to be successful in your chosen career. Our School mission is ‘Learning to make a difference’ and our range of contemporary programmes will equip you to do that in your professional and personal lives.

There are links between key theories and perspectives right across the programme and all module content is directly applicable to industry, politics and society. It is rewarding finding connections and joining up bits of knowledge from lectures when out on placement. I also have found that for a large programme, there is plenty of one-to-one support with lecturers, and many resources, opportunities and ways of contacting staff whenever you need.

Harry Polnyj
Business Management BA (Hons)
Develop the skills highly sought after by employers with our extra-curricular programme

With the University of Liverpool Management School's unique 'ULMS Extra' programme you'll go beyond the core curriculum and have the opportunity to consolidate your existing talents and learn new skills. Our specially designed programme provides extra-curricular activities such as guest speakers, careers workshops covering job applications, interviews and assessment centres, presentations by key graduate recruiters and Mandarin lessons.

As a Management School student you'll be truly prepared for a graduate role in today's fast paced and ever-changing business world.

Make connections with business and public sector organisations

We have outstanding links with business and public sector organisations, both local and national, which will ensure that you develop knowledge and skills grounded in the real world. Tap into our industry links through our Business Live project and gain hands-on experience solving a problem for a real business.

We encourage and support extra-curricular involvement with business societies and business competitions – including Enterprise Champions, IBM Universities Business Challenge and Enactus. These enable you to further develop business links and apply what you have learned at university, with the potential to make a difference to those in need. A recent Enactus project has seen our students lend support and advice to businesses in deprived areas of Merseyside.

Benefit from studying in a School with both a long tradition and modern innovative approach to teaching

The teaching of business and management at the University of Liverpool dates back to the thriving commercial activity of the 1800s. However, despite our historical roots we are very much a modern School as one of only 5% of business schools worldwide to be awarded AACSB Accreditation.

Our academic staff work on cutting-edge research focused on meeting the needs of both industry and the public sector and solving the challenges presented in the modern business world.

You will study innovative programme content, be taught using methodologies drawn from the latest business and management research and utilise learning resources to equip you for tomorrow's economy and in your future career. Our degree programmes include business simulations: set up and run a virtual company or learn to handle finance in an ever-changing environment with ‘Running the British Economy’.

With a vibrant international learning community you’ll be exposed to business ideas and cultures from the UK and beyond. Learn with the support of leading researchers and experienced industrialists – dedicated teaching staff who offer expert knowledge within flexible contact hours.

The Management School’s £12 million extension will provide you with a world-class learning environment. The new facility boasts an experiential marketing facility, a state-of-the-art Bloomberg trading floor, flexible teaching and study spaces and a new lecture theatre.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Tailor your studies to suit your interests and career aspirations
Take advantage of the flexibility and choice provided by our undergraduate degree programmes, enabling you to develop specialisms in your chosen field. The School is divided into four subject groups that reflect the current research and teaching expertise within the School: Economics, Finance and Accounting; Strategy, International Business and Entrepreneurship; Work, Organisation and Management; and Marketing and Operations. We also have a range of pathways and combinations available through Honours Select enabling you to shape your degree programme.

Study abroad
Broaden your outlook and reap the huge personal and academic benefits of studying abroad. You can take advantage of exchange links with prestigious, carefully chosen institutions in a range of locations from Canada and the USA through to Asia, Australia and Europe. For more information and a full list of available institutions, visit www.liverpool.ac.uk/management/undergraduate/study-abroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling our students the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies programme. See www.liverpool.ac.uk/yearinchina for more information.

Your future
Throughout your degree we develop the ‘ULMS graduate’ skills including flexibility, problem-solving, commercial awareness and communication, which are highly valued by employers.

Some graduates have pursued self-employment in areas including marketing and business consultancy, export and events promotion.

Year in Industry
The Year in Industry is undertaken as part of the four-year degree programme. You will be supported in finding and applying for a placement in an organisation which could range from a local small and medium-sized enterprise to a global blue chip company: it’s up to you.

The Year in Industry provides you with an edge in a competitive graduate labour market and enables you to make important contacts and could even result in a full-time graduate job with your placement organisation. Recent year in industry students have undertaken placements in organisations including Adidas, IBM, L’Oreal and Microsoft.

The placement year provides an invaluable opportunity to apply your knowledge and skills in a business environment, gaining experience of real responsibilities, projects and goals.

How you learn
The principal forms of teaching are lectures and seminars. Lectures will normally be supported by material such as hand-outs and computer based presentations. Seminars give the opportunity for detailed discussion of a topic under the direction of a tutor.

You are normally expected to prepare work in advance for seminars and may be expected to present work or give presentations from time to time. On some modules, such as quantitative techniques and IT, seminars may take the form of practical sessions using computers. All our degrees depend on you spending a good part of the week in private or group study in preparation for lectures and seminars. This involves making extensive use of the excellent library and IT facilities, just one minute’s walk away from the Management School.
# Degrees

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<td>4 years</td>
<td>ABB</td>
<td>33</td>
<td>Applications considered</td>
<td>191</td>
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<tr>
<td>Business Management BA (Hons) N100</td>
<td>3 years</td>
<td>ABB</td>
<td>33</td>
<td>D* D*D</td>
<td>192</td>
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<tr>
<td>Business Management with a Year in Industry BA (Hons) N101</td>
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<td>ABB</td>
<td>33</td>
<td>D* D*D</td>
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<td>Business Economics BSc (Hons) L100</td>
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<td>AAA</td>
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<td>Applications considered</td>
<td>193</td>
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<td>Economics with a Year in Industry BSc (Hons) L101</td>
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<td>AAA</td>
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<td>Applications considered</td>
<td>193</td>
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<tr>
<td>International Business BA (Hons) N120</td>
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<td>ABB</td>
<td>33</td>
<td>D* D*D</td>
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<tr>
<td>International Business with a Year in Industry BA (Hons) N121</td>
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<td>33</td>
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<tr>
<td>Marketing BA (Hons) N500</td>
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<td>Marketing with a Year in Industry BA (Hons) N501</td>
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<td>ABB</td>
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<td>D* D*D</td>
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<td><strong>Degrees offered with other departments</strong></td>
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<tr>
<td>Financial Computing BSc (Hons) GN34</td>
<td>3 years</td>
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<td>See Computer Science</td>
<td>93</td>
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<td>See Computer Science</td>
<td>93</td>
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<tr>
<td>Actuarial Mathematics BSc (Hons) NG31</td>
<td>3 years</td>
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<td>See Mathematical Sciences</td>
<td>202</td>
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<tr>
<td>Mathematics and Economics BSc (Hons) GL11</td>
<td>3 years</td>
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<td>See Mathematical Sciences</td>
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<tr>
<td>Mathematics and Business Studies BSc (Joint Hons) GN11</td>
<td>3 years</td>
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<td>See Mathematical Sciences</td>
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<tr>
<td>Mathematics with Finance BSc (Hons) G1N3</td>
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<td>See Mathematical Sciences</td>
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<tr>
<td>Politics and International Business BA (Joint Hons) LN21</td>
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<td>Law with Accounting and Finance BSc (Hons) N101</td>
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</table>

L100 and L101 require A level Mathematics grade A. LN11 and LN12 require GCSE Mathematics at grade B. General Studies, Critical Thinking and Citizenship Studies are not normally considered within standard offers for Management School programmes. Students offering BTEC qualifications must have obtained BTEC in a business-related subject.

1 BTEC Diploma at D*D* plus one A level at a minimum grade of B. Or BTEC Extended Diploma at D*D*D plus one A level at a minimum grade of B. For L100 and L101, same applies but with A level Mathematics grade A. BTEC applicants without an A level should apply to N100, N120 or N500.

Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Accounting and Finance BA (Hons)  
UCAS code: N400  
Programme length: 3 years

Accounting and Finance with a Year in Industry BA (Hons)  
UCAS code: N401  
Programme length: 4 years

An Accounting and Finance degree covers the day-to-day financial matters of business and is an excellent first step to becoming a qualified accountant, one of the highest paid professions.

The BA Accounting and Finance degree programme at Liverpool provides a sound grounding in all core theoretical and practical areas of Accounting and Finance, focusing on financial accounting, management accounting, finance, strategy, audit and taxation. Programme staff are professionally qualified accountants with a range of experience in different sectors, so you can be confident of being taught the most up-to-date content by those that have applied it in the business world.

With close industry links the programme is accredited by the professional accountancy bodies and receives the maximum number of exemptions available to any university from a wide range of professional bodies including: the Institute of Chartered Accountants in England and Wales (ICAEW), the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants (CIMA), the Chartered Institute of Public Finance Accountants (CIPFA) and the Institute of Chartered Accountants of Scotland (ICAS).

The School retains close links with the accountancy profession through contacts between academic staff and the large professional firms, experts from which regularly contribute to the teaching on certain modules.

Our graduates have successfully gone on to find work in accountancy practices, industry, investment banking, asset management and insurance in organisations such as Deloitte, Deutsche Bank, EY, Grant Thornton, KPMG, PwC, as well as in education and the public sector.

On the Year in Industry programme you spend Year Three on placement in industry. See page 189 for further details.

Business Economics BA (Hons)  
UCAS code: LN11  
Programme length: 3 years

Business Economics with a Year in Industry BA (Hons)  
UCAS code: LN12  
Programme length: 4 years

The BA Business Economics programme gives you a firm foundation of economic concepts that can be applied in a business context, as well as a complementary training in a focused business pathway: Accounting and Finance or International Business.

While less demanding in terms of quantitative skills than the BSc Economics, the programme includes a much greater concentration of economics (50% of modules) than our BA Business Management programme. The Business Economics programme is a member of the family of economics programmes as recognised by the Government Economic Service.

With modules covering the main principles of business you will also take compulsory economic modules such as macroeconomics, microeconomics, competition and regulation, mathematics, and statistics. Complementing your solid business and economic base you will be able to select remaining modules in your final year related to your pathway and based on the expertise of staff in areas such as, game theory, football business and economics of the arts.

The programme is also accredited by the Institute of Chartered Accountants in England and Wales (ICAEW), the Association of Chartered Certified Accountants (ACCA) and the Chartered Institute of Management Accountants (CIMA). Exemptions from various examination papers are available upon successful completion of certain modules.
By developing specific quantitative and analytical skills as well as broader business knowledge from studying both business and economics, our graduates are highly employable finding careers in a variety of specialist and general business related roles in companies such as Bank of America, Deloitte, PepsiCo, PwC, Sky as well as smaller specialist firms.

On the Year in Industry programme you spend Year Three on placement in industry. See page 189 for further details.

**Business Management**
**BA (Hons)**
**UCAS code:** N100
**Programme length:** 3 years

**Business Management with a Year in Industry**
**BA (Hons)**
**UCAS code:** N101
**Programme length:** 4 years

If you are interested in how business works overall, a Business Management degree will help you towards a career in management.

The BA Business Management programme provides a thorough grounding in a range of business subjects including entrepreneurship, management and leadership, the chance to work with real businesses and the opportunity to specialise in areas such as human resource management, marketing and operations management.

From the first year of study, students are introduced to the problems and challenges of the business world and how to solve them. By the final year of the programme, students are able to consolidate their studies through a much greater degree of personal study and research and possess the skills and knowledge to succeed in the business world.

The programme is also accredited by the Chartered Institute of Management Accountants (CIMA), the world’s largest professional body of management accountants, with full exemptions from their Certificate in Business Accounting and partial exemptions from operational and management level requirements.

Through Honours Select, Business Management is also an ideal partner for a wide range of other subjects in the Faculty of Humanities and Social Sciences such as Languages or Law. For more information about how you can combine Business Management with another subject, see page 292.

Our graduates successfully go on to find a variety business related careers in organisations such as IBM, Jaguar Land Rover, KPMG, Microsoft, PwC, Santander, the Home Office and a range of smaller companies as well.

On the Year in Industry programme you spend Year Three on placement in industry. See page 189 for further details.

**Business Joint and Minor**

You will be introduced to key functions within business to develop an understanding of current business issues and principles as well as acquire a number of skills and competencies sought by employers in the modern business world.

You are supported to develop strengths in areas including: flexibility, adaptability, problem solving, IT, numeracy, communication, networking, critical analysis, team work, corporate responsibility, time management and cultural awareness.
Economics BSc (Hons) L100
UCAS code: L100
Programme length: 3 years

Economics with a Year in Industry BSc (Hons) L101
UCAS code: L101
Programme length: 4 years

If you are interested in the theory and practice of economics and are looking to develop the quantitative and analytical skills to succeed in a variety of roles, an Economics degree might interest you.

The BSc Economics programme provides you with comprehensive training in the theoretical and quantitative tools used in the study of economic and finance. You will learn to apply these tools on a practical basis through research work and applied modules looking at economic factors in areas such as health, finance, politics, Europe, developing countries and arts and culture.

You will be able to follow one of two pathways: a generalist pathway which enables you to pursue a wide range of economic study, and a finance pathway which provides more specialist finance related modules. Each option will not only provide you with a solid understanding of the economic issues faced by economies and businesses worldwide, but also the ability to apply econometric models to support these findings: an incredibly important skill valued by companies and organisations.

You will be taught by staff who are highly regarded researchers in the topics they teach, ensuring you receive the very best learning experience possible.

The programme is also accredited by the Institute of Chartered Accountants in England and Wales (ICAEW), the Association of Chartered Certified Accountants (ACCA) and the Chartered Institute of Management Accountants (CIMA). Exemptions from various examination papers are available upon successful completion of certain modules.

Our graduates successfully find careers as analysts, researchers, traders and other business and finance related roles in companies such as Deloitte, GlaxoSmithKline, KPMG, the NHS and PwC. Other graduates choose to work in smaller specialist finance and investment firms, and others pursue postgraduate study.

On the Year in Industry programme you spend Year Three on placement in industry. See page 189 for further details.

Economics Joint and Minor

You will be provided with an accessible introduction to the basic principles of Economics, followed by applied topics in more advanced modules.

You will have the opportunity to acquire a number of skills and competencies sought by employers in the modern business world. You are supported to develop strengths in areas including: flexibility, adaptability, problem solving, IT, numeracy, communication, networking, critical analysis, team work, corporate responsibility, time management and cultural awareness.

International Business BA (Hons) N120
UCAS code: N120
Programme length: 3 years

International Business with a Year in Industry BA (Hons) N121
UCAS code: N121
Programme length: 4 years

Our BA International Business programme is a specialist degree that provides a solid grounding in the main management disciplines with a particular focus on international management and global strategy.

The curriculum emphasises links between international business management and the financial, technological, political and other forces affecting the world economy.

The programme includes a wide range of primarily qualitative modules as well as some quantitative modules in finance and statistics. You will study International Management, International Finance, International Marketing, and the international dimensions and implications of other aspects of management.
You will also examine various international business contexts, including both the emerging markets of Asia and Latin America as well as the advanced economies of Europe, Asia and North America.

Our three-year programme also provides you the opportunity to study a modern language alongside your studies including French, German and Spanish at beginner, intermediate or advanced level. In addition to listening, speaking, reading and writing the language, you will also learn about foreign culture and develop your intercultural sensitivity and communication skills.

The programme is accredited by the Institute of Export (IOE) and the Chartered Institute of Management Accountants (CIMA). Exemptions from various examination papers are available upon successful completion of certain modules. An IOE qualification after your studies can strengthen your job prospects in international trade.

Our graduates successfully go on to have managerial and professional careers in multinational organisations such as Amazon, BP, Deutsche Bank, Mars, PwC, Royal Dutch Shell, Santander and Vodafone Group.

On the Year in Industry programme you spend Year Three on placement in industry. See page 189 for further details.

Marketing BA (Hons)
UCAS code: N500
Programme length: 3 years

Marketing with a Year in Industry BA (Hons)
UCAS code: N501
Programme length: 4 years

Marketing is a critical management activity in most organisations and is becoming even more important with the sharpening of competition at all levels – local, national and international.

Our BA Marketing programme is a specialist degree that provides a solid grounding in the main management disciplines with a chance to specialise in marketing. You will learn to understand how customers and consumers behave, how markets function and evolve, how firms relate to these markets, as well as identifying the contributions of marketing to organisational performance and societal welfare.

You will take specialised modules in key areas such as market research, digital marketing, consumer behaviour, strategic aspects of marketing, segmentation, positioning, buying behaviour by organisations, and e-Commerce. Also, our strong links with local businesses provide opportunities to network and develop the employability skills that make our graduates stand out.

Taught by programme staff with a mixture of research and professional backgrounds, you can be confident of studying a programme full of interesting, current and relevant content that underpins the important role that marketing plays in business.

Chartered Institute of Marketing (CIM) Graduate Gateway Accreditation is pending at time of publication. The programme is also accredited by the Chartered Institute of Management Accountants (CIMA). Exemptions from various examination papers are available upon successful completion of certain modules.

Our graduates successfully go on to find marketing and business related careers in large organisations such as Accenture, BT, McCann, Mediacom as well as smaller companies and specialist marketing agencies across the UK.

On the Year in Industry programme you spend Year Three on placement in industry. See page 189 for further details.
Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.
Mathematical Sciences

Mathematics is a fascinating, beautiful and diverse subject to study. It underpins a wide range of disciplines, from the physical sciences, to social science; from biology to business and finance. At Liverpool, our programmes are designed with the needs of employers in mind, to give you a solid foundation from which you may take your career in any number of directions.

Good to know:
196
Year One undergraduates in 2016

88% are employed or in further study within six months of graduating (Unistats 2015)

84% of our students said staff are good at explaining things (NSS 2016)

Offers study abroad opportunities

Offers a Year in China

It’s an incredibly well structured programme with plenty of freedom to tailor your degree around your interests. You are given the choice to pick modules you want and there are many opportunities to get help when you need it. I’ve found throughout the degree you’re incredibly well supported.

Jane O’Neill
Mathematics MMath
Why choose Mathematical Sciences at Liverpool?

**Take the first steps towards a brilliant career**
Employers tell us that, alongside key problem solving skills, they want strong communication skills and the ability to work in a team – so we have ensured that these are integral to our Mathematics programmes. As a result, we have an excellent graduate employment record. About a third of graduates become business and finance professionals; but there is a whole host of other careers which our graduates have found success in – management training, information technology, further education or training (including teacher training), and scientific research and development – and many more.

**Shape your own degree from our wide range of study options**
Our modules range from Financial Mathematics to Fluid Mechanics, from Chaos to Combinatorics. In the final year, many of our degree programmes offer the opportunity to undertake an in-depth project on a topic of your choice, supervised by a leading expert in the field so whatever element of mathematics you are passionate about, you will be able to explore it in full.

**Fulfil your potential in a supported environment**
We take students from a wide variety of educational backgrounds and we work hard to give everyone the opportunity to shine. Features such as the peer-assisted study scheme – where Year Two and upwards students assist first years with maths problems – as well as small first-year tutorial groups, a department common room and kitchen, and a lively maths society help to foster a friendly and supportive environment. We are also proud of our record on teaching quality, with five members of the Department having received the prestigious Sir Alastair Pilkington Award for Teaching, the University’s top accolade for teaching quality.

**Put maths into practice through our innovative outreach programme**
We encourage all our students to get involved in our extensive outreach programme with schools in the Merseyside area and beyond. This is a particularly valuable experience for those interested in a career in teaching, but for all students it is a brilliant opportunity to build your transferable skills. Activities include joining a visit to a local school to help out with an interactive learning session, or giving a presentation at the University’s Maths Club. Further details can be found at [www.liverpool.ac.uk/mathematical-sciences/outreach/](http://www.liverpool.ac.uk/mathematical-sciences/outreach/)

**Study abroad**
As part of your Mathematics degree programme you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Students may apply to study at universities in the USA and Canada and students on a Maths with a European Language programme will be able to spend a year in a country where the relevant language is spoken. For more information, visit [www.liverpool.ac.uk/goabroad](http://www.liverpool.ac.uk/goabroad)

**Year in China**
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Mathematical Sciences, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See [www.liverpool.ac.uk/study/yearinchina](http://www.liverpool.ac.uk/study/yearinchina) for more information.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Your future
From actuary to airline pilot, from marketing to medical statistics, a mathematically-based degree opens up a wide range of career opportunities, including some of the most lucrative professions. Typical types of work our graduates have gone onto include: actuarial trainee analyst in the audit practice, graduate management trainee risk analyst and trainee chartered accountant graduate business programme. Employers value mathematicians’ high level of numeracy and problem solving skills. Financial rewards are impressive: research by Pricewaterhouse Coopers revealed that mathematical science graduates earn on average an extra £241,749 over their lifetime than those who leave school after A levels. This is the third highest ‘graduate premium’ of all subject areas.

How you learn
Your learning activities will consist of lectures, tutorials, practical classes, problem classes, private study and supervised project work. In Year One, lectures are supplemented by a thorough system of group tutorials and computing work is carried out in supervised practical classes. Key study skills, presentation skills and group work start in first-year tutorials and are developed later in the programme. The emphasis in most modules is on the development of problem solving skills, which are regarded very highly by employers. Project supervision is on a one-to-one basis, apart from group projects in Year Two.

Most modules are assessed by a two and a half hour examination in January or May, but many have an element of coursework assessment. This might be through homework, class tests, mini-project work or key skills exercises.

Which degree?
Any Mathematics-based degree is valuable. If you already have a clear idea of the career you’re aiming for, you may want to choose one of our career-oriented programmes with Business, Economics, Finance, Computer Science, Physics, Modern Languages or Education. If you prefer to keep your options open, a degree in Mathematics or Mathematical Sciences could be for you. Many of our programmes have modules in common and it is often (but not always) possible to transfer from your programme to another programme after the end of your first or second year.

Work experience opportunities
An optional Work Placement module is offered during the summer vacation following Year Two. This is an opportunity for you to use your Mathematics in the workplace and get credit towards your degree.
## Degrees

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<td>ABB①</td>
<td>33</td>
<td>D'⁢D'D in relevant diploma①</td>
<td>201</td>
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<tr>
<td><strong>Mathematics MMath G101 4 years</strong></td>
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<td>AAB①</td>
<td>35</td>
<td>Applications considered①</td>
<td>201</td>
</tr>
<tr>
<td><strong>Mathematics and Statistics BSc (Hons) GG13 3 years</strong></td>
<td></td>
<td>ABB①</td>
<td>33</td>
<td>D'⁢D'D in relevant diploma①</td>
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</tr>
<tr>
<td><strong>Mathematics and Economics BSc (Joint Hons) GL11 3 years</strong></td>
<td></td>
<td>ABB①</td>
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<td>D'⁢D'D in relevant diploma①</td>
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<tr>
<td><strong>French and Mathematics BA (Joint Hons) GR11 4 years</strong></td>
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<td>ABB①</td>
<td>33</td>
<td>Applications considered①</td>
<td>201</td>
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<tr>
<td><strong>Mathematical Sciences with a European Language BSc (Hons) G1R9 4 years</strong></td>
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<td>ABB①</td>
<td>33</td>
<td>Applications considered①</td>
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<tr>
<td><strong>Mathematics and Business Studies BSc (Joint Hons) GN11 3 years</strong></td>
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<td>ABB①</td>
<td>33</td>
<td>D'⁢D'D in relevant diploma①</td>
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<tr>
<td><strong>Mathematics with Finance BSc (Hons) G1N3 3 years</strong></td>
<td></td>
<td>AAB①</td>
<td>35</td>
<td>Applications considered①</td>
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</tr>
<tr>
<td><strong>Actuarial Mathematics BSc (Hons) NG31 3 years</strong></td>
<td></td>
<td>AAB①</td>
<td>35</td>
<td>Applications considered①</td>
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</tr>
<tr>
<td><strong>Mathematical Physics MMath FGH1 4 years</strong></td>
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<td>AAB①</td>
<td>35</td>
<td>Applications considered①</td>
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<tr>
<td><strong>Physics and Mathematics BSc (Joint Hons) FG31 3 years</strong></td>
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<td>ABB①</td>
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<td>D'⁢D'D in relevant diploma①</td>
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<tr>
<td><strong>Theoretical Physics MPhys F344 4 years</strong></td>
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<td>AAB①</td>
<td>35</td>
<td>Applications considered①</td>
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<tr>
<td><strong>Mathematical Sciences entry route leading to BSc (Hons) (4-year route including a Foundation Year at Carmel College) G108 4 (1+3) years</strong></td>
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<tr>
<td><strong>Mathematics with Education MMath N/A 4 years</strong></td>
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### Degrees offered with other departments

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<td><strong>Mathematics and Computer Science BSc (Hons) GG14 3 years</strong></td>
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<td><strong>Mathematics with Ocean and Climate Sciences BSc (Hons) GIF7 3 years</strong></td>
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<tr>
<td><strong>Mathematics and Philosophy BA (Joint Hons) GV15 3 years</strong></td>
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New programme combinations are currently in development for this Department. See [www.liverpool.ac.uk/study/undergraduate/courses/mathematics-bsc-hons/overview/](http://www.liverpool.ac.uk/study/undergraduate/courses/mathematics-bsc-hons/overview/) for up-to-date information and programme listings. All programmes in the Department (other than those with a Foundation Year) require Mathematics A level at grade A or higher. GR11 also requires A level French at grade B. G1R9 also requires grade B in A level French, German or Spanish. FG31, F344 and FGH1 also require A level Physics at grade B or higher. For applicants from England, where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the science practical in each subject will be required. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.
ABC offer with the A in Mathematics and an A in EPQ.
Relevant when combined with A level Mathematics grade A.
Foundation programmes have flexible entry requirements. Contact E: degree@carmel.ac.uk for details.
Students can apply for this programme at the end of Year Two.

Mathematics BSc (Hons)
UCAS code: G100
Programme length: 3 years

Mathematics MMath
UCAS code: G101
Programme length: 4 years

If you enjoyed studying Mathematics at school and would like to study the subject in more depth, you should consider G100 or G101. G100 provides an excellent foundation for a wide range of careers. Students who opt for the four-year MMath programme are well placed to embark on a PhD or to take a research post in industry after graduation.

Mathematics and Statistics BSc (Hons)
UCAS code: GG13
Programme length: 3 years

Statisticians are in great demand and if the subject appeals to you, you should consider GG13. Although you can do some Statistics modules in G100, you will do more in GG13.

Mathematics and Economics BSc (Joint Hons)
UCAS code: GL11
Programme length: 3 years

Consider studying Mathematics and Economics GL11 if you really want to enhance your job opportunities. The two subjects come very much hand in hand and offer a firm foundation for your future career.

French and Mathematics BA (Joint Hons)
UCAS code: GR11
Programme length: 4 years

Many students choose to bring together the study of a language with Mathematics. This Joint Honours degree programme lets you develop skills in both French language and mathematical reasoning. You will explore French literature, culture, history and institutions, as well as learn how to write mathematical arguments, formulate problems in mathematical terms and solve them, and learn about mathematical structures. The programme includes a year abroad.
Mathematical Sciences with a European Language BSc (Hons)
UCAS code: G1R9
Programme length: 4 years
If you would like to combine Mathematics with a foreign language – French, German or Spanish – this four-year degree should interest you. There are excellent career opportunities in organisations with international interests. You will spend a year studying abroad during this programme, so if you enjoy speaking French, German or Spanish you might like to enrol and see where it takes you.

Mathematics and Business Studies BSc (Joint Hons)
UCAS code: GN11
Programme length: 3 years
This programme combines Mathematics and Business Studies in equal proportions, so is ideal if you want to pursue Mathematics to a high level and also take advantage of the Business Studies programmes.

The options available in Mathematics are very wide and you can to a large extent follow your own interests in the subject, specialising in the Pure side or taking Applied modules as well as those in Statistics and Operational Research.

Mathematics with Finance BSc (Hons)
UCAS code: G1N3
Programme length: 3 years
This is one of our most popular degree programmes with great employment potential. The programme is designed primarily for those who wish to work in finance, insurance or banking after graduation. We have accreditation from the Institute and Faculty of Actuaries. Currently our students can receive exemptions for CT1, CT2, CT3 and CT4 of the professional actuarial exams conducted by the Institute and Faculty of Actuaries, the Professional body for actuaries in the UK.

Actuarial Mathematics BSc (Hons)
UCAS code: NG31
Programme length: 3 years
A course aimed at those students who see themselves working in the world of insurance, financial or governmental services, where actuarial mathematics plays a key role. We have accreditation from the Institute and Faculty of Actuaries, the Professional body for actuaries in the UK (IFoA). Currently, our students can receive exemptions for CT1, CT2, CT3, CT4, CT5, CT6, CT7 and CT8 of the professional actuarial exams.

Mathematical Physics MMath
UCAS code: FGH1
Programme length: 4 years

Physics and Mathematics BSc (Joint Hons)
UCAS code: FG31
Programme length: 3 years

Theoretical Physics MPhys
UCAS code: F344
Programme length: 4 years
Physics and Mathematics degrees are highly prized and our graduates have excellent career opportunities in industrial research and development, computing, business, finance and teaching. We offer one three-year BSc degree and two four-year degrees, MMath or MPhys, combining these two intimately related disciplines. These programmes provide a strong mathematical training, and mathematical techniques help you to deal with new ideas that often seem counterintuitive, such as string theory, black holes, superconductors and chaos theory.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Mathematical Sciences entry route leading to BSc (Hons) (4-year route including a Foundation Year at Carmel College)
UCAS code: G108
Programme length: 4 (1+3) years

This programme provides a four-year route to a number of BSc (Hons) degree programmes offered in the Department of Mathematical Sciences. Students follow the Foundation Year and then can opt to follow one of the programmes offered in the Department:
- Mathematics BSc (Hons)
- Mathematics and Statistics BSc (Hons)
- Mathematics and Economics BSc (Joint Hons)
- French and Mathematics BA (Joint Hons)
- Mathematics and Business Studies BSc (Joint Hons)
- Mathematical Sciences with a European Language BSc (Hons)
- Mathematics and Computer Science BSc (Joint Hons)
- Mathematics with Finance BSc (Hons)
- Mathematics with Ocean and Climate Sciences BSc (Hons)
- Mathematics and Philosophy BA (Joint Hons)
- Physics and Mathematics BSc (Joint Hons).

Mathematics with Education MMath
UCAS code: N/A. Students can apply at the end of Year Two
Programme length: 4 years

In addition to your MMath Mathematics degree, would you like to get a teaching qualification, giving you the extra option of potentially becoming a teacher?

We have a new integrated master’s programme available from 2018 that develops the key skills needed to pursue a career in education. The MMath Mathematics with Education (with recommendation for Qualified Teacher Status QTS) offers you the unique opportunity of completing a master’s mathematics degree, whilst at the same time gaining a professional qualification (QTS) so you can go straight into teaching in England.

You have the option of pursuing this programme at the end of your second year of study.
Medicine

At Liverpool we’ve been training doctors for almost 200 years. Over that time we have developed a student focused community, committed to widening access to the medical profession, and informed by the latest in innovative teaching, and interdisciplinary research of unparalleled breadth and depth. As well as being proud of our past we’re focused on your future. Alongside clinical knowledge, our extensive professional networks will help you develop the leadership, management and communication skills required in today’s NHS.

I chose Liverpool because I wanted to be part of an institution that doesn’t just keep you cooped up in lectures and classrooms, but takes the learning into the ‘real world’. The School were very quick to get us learning the clinical examinations in Year One, so that we could practise on patients in hospital from Year Two. That early exposure to clinical settings is a real benefit to being at Liverpool Medical School.

Mohammad Mansoor
Medicine and Surgery MBChB

Good to know:

290
Year One undergraduates in 2016

99.2%
are employed or in further study within six months of graduating (Destination of Leavers from Higher Education 2014/15)

95%
of our students said their communication skills had improved from their programme (NSS 2016)

Offers a Year in China
**Why choose Medicine at Liverpool?**

**Enjoy an innovative and blended approach to learning**

Through our blend of tutorials, lectures, case-based and technology-enhanced learning we are committed to providing students with the most appropriate teaching methods designed to both enhance the student experience and create a dynamic and innovative educational environment.

Students have access to a Virtual Learning Environment (VLE), housing a huge range of programme materials each year, including externally purchased content; such as a prescribing safety package SCRIPT and the NHS e-learning for healthcare resource. Our teaching staff use personal response software (Poll Everywhere) to gain instant student feedback through mobile devices and all on-campus lectures are recorded and made available via a streaming server, which students have found extremely useful for revision and deepening their learning experience. Simulation training sessions within clinical settings also use the latest technology to recreate real-time scenarios testing students in a safe environment.

Previous students, clinical teachers, patients, professionals and University staff are all regularly consulted to keep our curriculum at the leading edge.

**Learn and develop in a supportive, open environment**

Each student in the School has an academic member of staff personally supporting them and these Academic Advisers monitor and manage progress using an e-portfolio system. We also have implemented a mobile texting system to send students personal notifications and reminders effectively and instantly. Our teaching and support staff continually drive this innovation forward, ensuring that we make the most efficient use of technology to complement and enhance existing traditional teaching methods and provide first-class support, when students need it.

We also actively support the promotion and development of our students' wellbeing. We recognise the individuality of each student, and appreciate how needs differ amongst our learners, and our team are available throughout your training to discuss any issues that may be affecting you or your studies.

Our team work closely with central support services, outside agencies, as well as online support, to offer our students a range of skills and strategies to promote and encourage your personal development and welfare.

**Start your professional career from day one**

We're focused on developing your professionalism at an individual, team and organisational level. You’ll study leadership, management and communication skills and understand the expected attitudes and behaviour of doctors, how to deal appropriately with patients and how to develop your reflective practice and self-regulation skills.

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For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Learn to lead teams
As a doctor you will need the ability to manage and lead within a team structure and with the uncertainties, ambiguities and complexities of diagnosis and treatment. It’s challenging. We can help you meet this challenge by developing your effective leadership skills, including judgement, professionalism, compassion, honesty, courage, risk-assessment and self-awareness. Above all we’ll help you develop your understanding of the shared behaviours and beliefs within the healthcare team. Our students’ communications skills are recognised as excellent by our NHS partners. As part of Curriculum 2014 our first year medical students take part in a unique Army training programme, designed to develop their leadership and management skills. The success of this initiative has resulted in its expansion and delivery to a wider group of students.

Develop your patient focus
Through understanding how to manage clinical risk you will gain an overarching sense of patient safety in practice. You will gain a deep understanding of human factors, engineering, team behaviours and continuous quality improvement strategies to help you prepare for today’s patient focused health care setting.

Practice in our Clinical Skills Resource Centre (CSRC)
The CSRC provides evidence based teaching and aims to offer a safe professional environment in which students can learn and practice history taking, physical examination and practical skills prior to contact with patients. Our new and inspirational Learning Zone (opened in 2016) provides an interactive clinical skills facility which is open to students of all years to come to practise their clinical and examination skills.

Gain practical experience through longer clinical placements
We can help you become a competent and compassionate doctor through longer placements. Our ‘immersive’ approach helps you to get to know the clinical team you work with, and build meaningful working relationships. Liverpool Medical School is pleased to have links with a large number of local NHS hospital and community trusts, across a wide geographical area in the North West, including, among others, the Royal Liverpool Hospital, Aintree University Hospital and Whiston Hospital. Many of the hospitals we work with provide emergency, general and specialist treatments and all work closely with the School to provide placements and quality educational experiences. The Quality Assurance of student placement is an area upon which we place great importance. We are fortunate to be able to send our students to excellent specialist centres such as the Walton Centre (neurology); Liverpool Heart and Chest Hospital, Liverpool Women’s NHS Foundation Trust and Alder Hey Children’s Hospital.

Year in China 🌍
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Medicine, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.
**Widening Participation**

The School is committed to widening access to the medicine profession and aims to admit students with the greatest potential to make the best clinicians of the future. The School of Medicine is currently involved in a pilot study investigating the use of contextual data in the selection process and its work in identification of barriers to selection has been recently recognised by Health Education England. Guidelines for applicants offering non-traditional qualifications can be found on our website at [www.liverpool.ac.uk/medicine/undergraduate/admissions](http://www.liverpool.ac.uk/medicine/undergraduate/admissions).

Students’ progress to us from the Foundation to Health and Veterinary Studies (Year 0) programme and we support the ‘Realising Opportunities’ Programme and our local Liverpool Scholars Scheme. We are also proud to have an award-winning student led society, EdMed, dedicated to the support of outreach activities. EdMed has enabled the introduction of Merseyside Young Medics (MYM), a rolling five-year programme of medicine and health-related activities and support for young people in years 9-13 who are from under-represented groups and have the potential and interest in studying medicine or health-related subjects at university. We also welcome applications from individuals with disabilities. Disabled applicants who are considering applying to the medicine programme are advised to consult HEOPS at [www.heops.org.uk/HEOPS_Medical_Students_fitness_standards_2015_v12.pdf](http://www.heops.org.uk/HEOPS_Medical_Students_fitness_standards_2015_v12.pdf) for further information on standards of medical fitness to train.

**Selection**

Selection is based on your record of previous academic achievements together with performance in the appropriate medicine admissions tests and all the other information given in detail on the UCAS form, so you should be as specific as possible in completing your form.

Candidates must demonstrate suitable evidence of healthcare career awareness/insight and a caring contribution to the community and a critical, coherent, and informative approach to written communication together with the values that embody and underpin good healthcare practice.

All non-graduate applicants to the A100 programme will have to take the UKCAT test [www.ukcat.ac.uk](http://www.ukcat.ac.uk). Graduate applicants applying to either or both A100/A101 programmes will be expected to sit GAMSAT. Details of GAMSAT are available at [www.gamsat.acer.edu.au/gamsat-uk](http://www.gamsat.acer.edu.au/gamsat-uk). You should not use more than four choices from the five available for medical programmes.

If you wish you can use your fifth choice for an alternative programme without prejudice to your commitment to medicine. Invitation to interview is highly competitive and both academic and non-academic criteria inform the selection process.

Because of the competition, meeting the minimum academic and non-academic requirements does not guarantee that you’ll receive an invitation to interview as only the most competitive individuals as assessed against our academic and non-academic criteria will be invited to interview. The Medical School reserves the right to vary offer conditions depending on a candidate’s application. The selection procedure at Liverpool is currently a three-stage process which is competitive at each stage. The threshold for progressing through each stage usually varies from year-to-year depending upon the quality of applicants that year.

For further information on subject requirements and selection process, please see [www.liverpool.ac.uk/medicine/undergraduate/admissions](http://www.liverpool.ac.uk/medicine/undergraduate/admissions).

**Duty of care**

Applicants to programmes in the School of Medicine should be aware that the professional body governing the practice of medicine (the General Medical Council) has specific requirements relating to the protection of both staff and patients.

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For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses).
Students will be required to undertake an enhanced Disclosure and Barring services check, undergo an occupational health check and be tested for and/or immunised against a range of infectious diseases prior to patient contact. See www.gmc-uk.org/education/undergraduate/studentftp.asp

Your future
Our programmes are for individuals who wish to become qualified medical practitioners. A diverse range of careers are open to you as a medical graduate, varying from medical science, perhaps laboratory-based research, through public health and the development of health care strategies to clinical practice in the hospital and community.

Over half of qualified doctors are general practitioners but there are opportunities for higher speciality training posts with in excess of 100 medical specialities available. Salary details can be found at www.nhscareers.nhs.uk/working-in-the-nhs/pay-and-benefits

Doctors can be found working in areas related to medicine such as ships doctors, international aid, medical journalism, research and medical education and there are other opportunities outside medicine such as law, management and the pharmaceutical industry.

How you learn
The School uses a mix of interactive and didactic lecturing; case based learning, small group teaching, clinical skills and simulation workshops, Human Anatomy Resource Centre (HARC) sessions, clinical placements and technology-enhanced learning. You have the opportunity to take a year out from the medical programme to study for an additional, intercalated degree, at BSc or master’s level. A wide variety of subjects are available, examples range from basic sciences, humanitarian aid, to translational, bench to bedside research. Lastly, the research and scholarship component of the course allows you the opportunity to develop an area of scholarly interest to pursue during your MBChB.

How you are assessed
Both formative and summative assessment takes place within the programme. There is an increased emphasis on assessment for learning through the use of subject specific tests such as quizzes, anatomy spotters and formative Objective Structured Clinical Examinations (OSCEs).

We have introduced new assessment technology throughout the School allowing online marking and annotated feedback of written assignments, formative online tests for students at the end of each teaching block. This technology means progress and learning levels can be evaluated and students receive more effective feedback during OSCEs using customised iPad marking software. We have also implemented a bespoke electronic portfolio which has been integrated throughout the entire curriculum and allows students to collect evidence and develop their skills through online reflective activities and in offline clinical environments, using mobile devices in all locations. These developments have significantly enhanced the quality and quantity of student feedback and improved the reliability and analysis of assessment processes in medicine.

Which degree?
The Medical degree MBChB (A100) is a five-year programme and is the flagship degree of the School. We also have a graduate entry four-year medical programme for Biological, Biomedical and Health Science graduates (A101) and a three-year route for dentists wishing to take a medicine degree as part of the training route for oral and maxillofacial surgery. In addition there is a six-year Health Sciences foundation route for those without traditional qualifications.

Clinical elective
You also undergo a five-week clinical elective in which you explore a branch of medicine in greater depth. Most students choose to undertake their electives outside the UK, to observe how medicine is practised in another country and to experience a different social, cultural and physical environment. These electives encourage you to develop personal interests and provide you with valuable insight into specialities.
Degrees

<table>
<thead>
<tr>
<th>Degree</th>
<th>Type</th>
<th>A level</th>
<th>IB</th>
<th>BTEC (Level 3 Extended Diploma)</th>
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<td>A level</td>
<td>AAA</td>
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<td>Not accepted in lieu of A levels</td>
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<td>A level</td>
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<tr>
<td>Foundation to Health and Veterinary Studies (Year 0) (Medicine Pathway) 789S 1 year</td>
<td>A level</td>
<td>0</td>
<td></td>
<td></td>
<td>213</td>
</tr>
</tbody>
</table>

Three A levels must be offered including Biology (A), Chemistry (A), plus a third academic subject (A). General Studies, Critical Thinking and Citizenship Studies are not accepted as the third A level subject. Usually a minimum 15 points should be obtained from a minimum of nine GCSE subjects (A or A* = 2 points, B = 1 point). Please note a 7 and above will be considered equal to an A grade = 2 points while 6 will be considered as a B grade = 1 point. Apart from Core and Additional Science, each subject will be awarded no more than two points, and the nine subjects studied must include: Mathematics, English, Core and Additional Science or individual Biology, Chemistry and Physics. Preference may be given to applicants with a higher GCSE score. Evidence of healthcare awareness/insight and a caring contribution to the community will be required. Non graduates to the A100 programme will be expected to sit the UKCAT admissions test. Applicants should consult our website for details of how the UKCAT test will be used. Graduates applying for the A100 programme must meet specific minimum criteria as defined in our guidelines and are required to sit GAMSAT1. Because of the competition, meeting minimum academic and non-academic requirements does not guarantee that you will receive an offer or an interview. The Medical School reserves the right to vary offer conditions depending on a candidate’s application. For queries about A100 or A101 please contact E: mbchb@liverpool.ac.uk.

1 Alternative offer conditions may apply.
2 Students should have attained or expect to attain at least a good 2:1 degree in a biomedical/health science subject and a minimum of BBB at A level (to include Chemistry and Biology) and a fourth independent AS subject at a minimum of grade B. Further Mathematics is not accepted as a fourth A/AS level when offered with Mathematics A level. Minimum GCSE requirements of a grade C in English and Mathematics apply. Graduates are required to achieve performance above cut-off in the GAMSAT. The minimum GAMSAT score will be agreed annually, and if necessary on a competitive basis. Details of GAMSAT may be found at www.gamsat.acer.edu.au/gamsat-uk
3 Foundation programmes have flexible entry requirements. Contact E: s.hollywood@liverpool.ac.uk for details.

For more information on entrance requirements, see www.liverpool.ac.uk/medicine/undergraduate/admissions

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
**Medicine and Surgery MBChB**  
**UCAS code:** A100  
**Programme length:** 5 years

The MBChB course at Liverpool:
- Encourages you to become an active learner and reflective practitioner
- Encourages you to become a holistic, patient-focused medical practitioner
- Integrates scientific principles of medicine with workplace learning in clinical settings
- Ensures a spiral curriculum in which themes are revisited throughout the length of the course, encouraging you to build on prior knowledge and skills
- Helps you develop the lifelong learning skills required in professional practice
- Promotes academic and leadership aspirations among our students to become more than competent practitioners.

The curriculum framework is based on the three main outcomes of Tomorrow’s Doctors (GMC 2009): the Doctor as Scholar and Scientist, the Doctor as Practitioner and the Doctor as Professional. Each of these outcomes has a series of vertical themes to create a truly spiral curriculum. Four horizontal themes cut across the vertical themes to provide stage appropriate coverage of these important themes within each vertical theme.

The vertical themes which will run throughout the duration of the curriculum are The Science of Medicine, Research and Scholarship, The Chronically Ill Patient, The Acutely Ill Patient, Patient Safety, Leadership and Management and Professionalism. The four horizontal themes that will be integrated into each vertical theme are Psychology and Sociology as Applied to Medicine, Population Perspective (Public Health, Epidemiology and Evidence), Communication for Clinical Practice and Therapeutics.

**Post-graduation**

Currently at the end of the undergraduate programme students receive their MBChB degree, which is a primary medical qualification (PMQ). Holding a PMQ entitles you to provisional registration with the General Medical Council.

Provisional registered doctors can only practise in approved Foundation Year One posts: the law does not allow provisionally registered doctors to undertake any other type of work. To obtain a Foundation Year One post students currently need to apply during the final year of their undergraduate course through the UK Foundation Programme Office selection scheme, which allocates these posts to graduates on a competitive basis. So far, all suitably qualified UK graduates have found a place on the Foundation Year One programme, but this cannot be guaranteed, for instance if there were to be an excessive number of competitive applications from non-UK graduates. Successful completion of the Foundation Year One programme is normally achieved within 12 months and is marked by the award of a Certificate of Experience. You will then be eligible to apply for full registration with the General Medical Council. You need full registration with a licence to practise for unsupervised medical practice in the NHS or private practice in the UK. Please be aware that regulations in this area may change from time to time.

There is some discussion about whether to remove provisional registration for newly qualified doctors. If this happens then UK graduates will receive full registration as soon as they have successfully completed an MBChB (or equivalent) degree. It should be noted that it is very likely that UK graduates will still need to apply for a training programme similar to the current Foundation Programme and that places on this programme may not be guaranteed for every UK graduate.
In addition the GMC is currently considering whether to introduce a formal assessment that all doctors would need to pass in order to be granted full registration. Although no firm decision has been taken as to whether or when such an exam will be introduced applicants should be aware that the GMC envisages that future cohorts of medical students will need to pass parts of a new UK Medical Licensing Assessment before the GMC will grant them Registration with a Licence to Practise.

In the interests of public safety, in accordance with Tomorrow’s Doctors, and in your own best interests, information pertinent to your educational achievements and to your fitness to practise maybe shared by Liverpool Medical School with training providers, employers, regulatory organisations and other medical schools. The MSC Excluded Students Database has been created to record students who have been excluded from a medical school on the grounds of fitness to practise. Thus in the interests of patient and public safety, the School of Medicine may share some of the information provided in your application form with the MSC in order to verify your fitness to practise. Any offer for the medical programme will be conditional on applicants having disclosed any previous fitness to practise findings against them and their consent being given to this use of information.

Please note: Graduates applying to the A100 programme are subject to different entry criteria and there is currently the requirement for you to have taken GAMSAT. For further details please see www.liverpool.ac.uk/study/undergraduate/courses/medicine-and-surgery-mbchb/overview/

**Medicine and Surgery MBChB (Graduate Entry)**

**UCAS code:** A101  
**Programme length:** 4 years

The A101 medical programme has been developed specifically for students who are expecting to achieve at least a good 2:1 Honours degree in a Biological, Biomedical or Health Science subject. Other additional subject and grade requirements exist. There is also a guaranteed interview scheme for applicants on the Liverpool BSc Honours programmes and pathways in the School of Life Sciences and a shortened three-year route for dentists wishing to pursue a career in oral and maxillofacial surgery. There are usually 29 places available annually for the A101 programme; two of these are for OMFS students.

The University of Liverpool requires a GAMSAT result as part of the entry requirements for graduates applying to medical programmes.

Further details of GAMSAT can be found here www.gamsat.acer.edu.au/gamsat-uk. The only exception to this is for dentists applying to the oral-maxillofacial route. The latter route has an independent selection process. For full details of subject requirements, the selection process and details of both the guaranteed interview scheme and oral-maxillofacial route please see www.liverpool.ac.uk/medicine/undergraduate/admissions

Please note: The start date for the A101 programme is in mid-August of each year and we cannot consider applicants who cannot start the programme at this time. In addition, there are no places for overseas students on the graduate A101 programme.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Foundation to Health and Veterinary Studies (Year 0)
UCAS code (Medicine Pathway): 789S
Programme length: 1 year

The University of Liverpool, in collaboration with local FE partners, has developed a Year Zero foundation programme for Home/EU students that leads to access onto a variety of vocational Health Studies programmes. Students seeking entry to Medicine study at Carmel College, St Helens.

Please note: Students who have applied for undergraduate programmes in the School of Medicine would not normally be considered for this route, which is specifically targeted at Home/EU adult learners with appropriate workplace experience or young people with vocational rather than A level qualifications.

When applying, you must ensure that you apply for one programme that you wish to progress onto. Multiple applications will be rejected and result in disappointment. We will also not consider applications from applicants who have multiple UCAS applications for a variety of programmes, as this does not demonstrate a clear commitment.
Modern Languages and Cultures

Go beyond the ‘tourist experience’ with Modern Languages and Cultures at Liverpool and develop an understanding of the literary, historical, cinematic, political and linguistic context of a wide-ranging and unique set of world cultures in a department that is constantly innovating to offer new programmes and new teaching approaches. All our programmes offer a year abroad. This experience means you will gain a much greater knowledge and appreciation for your chosen language, as well as a set of professional and personal skills proven to enhance your employability.

The Department’s blend of theory and practice was a significant factor in my decision to study at Liverpool. What first caught my attention was the mix of linguistic and cultural modules in both French and Spanish that other universities did not offer. I have also had the opportunity to explore the role of language in a cultural context through department-run events such as “Iberian Week” and via culture modules that focus on a range of topics from cinema and digital art to history and politics.

Nicola Michael
French and Hispanic Studies BA (Hons)
Learn a language the Liverpool way
At the University of Liverpool, language is at the heart of our teaching and staff from across the Department take part in its delivery. Our fully-refurbished Language Lounge is the centre of our departmental life. It is a lively place where you can work on your language skills with the aid of online resources, watch foreign-language films, meet someone for a chat in your chosen language or simply settle down with ‘un espresso’, a foreign-language newspaper and take in the beautiful views of our fabulous Georgian Abercromby Square.

Many of our students will start a language from beginner’s level. Indeed, in languages such as Italian, Chinese, Portuguese, Catalan and Basque most of our students will start that language from scratch. At Liverpool, you can choose with confidence, knowing that we are specialists in teaching languages to beginners and you will benefit from our years of experience in accompanying students in their first steps in their chosen language. As a beginner, you will take our fast-track modules to achieve between GCSE and A level standard within a year. From Year Two, you will be integrated with post-A-level students studying your language.

Broaden your understanding of language and culture with a year abroad
Whether you study languages as a Single Honours degree or as a Minor, you have the opportunity to spend a year abroad as part of your programme.

You’ll spend your third year teaching English, attending university, completing a work placement or working for a non-government organisation (NGO) in one or more countries relevant to the language or languages you are studying. This opportunity offers you a unique first-hand experience to step out of the classroom and immerse yourself in the country’s culture and develop your language skills further.

Experience our ‘connected’ Liverpool curriculum
Our degrees help you make connections within and across language areas. If you study a language as a Single Honours degree, you can take a different language from scratch or from A level standard which you can continue into final year. We also offer modules that enable you to compare the culture or linguistics of one or more language areas. These include modules on German and Italian film, as well as linguistic topics such as the linguistic landscape.

Our teaching is informed by partnerships with organisations across and outside the University. For example, our French modules include sessions in Special Collections and Archives in the University’s Sydney Jones Library, whilst others run seminars in conjunction with National Museums Liverpool. In Hispanic Studies, the Etxepare Basque institute fund a lecturer, internships and visiting speakers. The Spanish Embassy, the Institut Ramon Llull (the Catalan language and cultural institute), the Instituto Camões (the Portuguese language and cultural institute) and the Instituto Cervantes (the Spanish language and cultural institute) all support our annual Iberian and Latin American Week, a week of cultural and language activities related to Spanish and Portuguese speaking countries. These take place on campus and at a variety of venues throughout the city.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
We will help you make the connection between university study and your future career, either through offering work experience opportunities as part of your degree or through transferable or specialist skills gained during your studies. Our work placement modules in Year Two allow you to use your language skills on a work placement in the Merseyside area. Our Year Abroad scheme offers you the opportunity to undertake a year-long teaching placement or an ‘International Year in Industry’ in a business or other organisation.

From the end of Year Two of your studies, you can gain qualified teacher status in a scheme supported by the Department of Education. Once you register on this programme, you will be eligible for the Teacher Training Bursary, a tax-free sum of up to £9,000.

If you are interested in a career in translation and interpreting, you can gain these skills in our language modules from Year Two. In the Final Year, you can choose to take a specialist translation studies module or prepare a translation of your chosen text to submit as a dissertation. You will also gain insights into the creative and practical aspects of the translation process at our annual translation workshop, led by a visiting professional translator or network with potential employers at our annual ‘Careers in Translation and Interpreting’ event.

**Pursue your own adventure**

Many of our modules allow you to focus on topics that particularly interest you. For example our language modules often let you choose and research a subject that interests you as part of your assessment, whether a book report or oral presentation. In cultural modules, you can choose or even devise your own essay question. The Year Abroad presents further options for study as you can choose to complete a reflective portfolio or write an extended essay on a topic related to the region in which you are living. In the Final Year, you can opt to take a dissertation module in which you can either research your chosen topic in-depth or choose a text to translate.

This is a great way to combine your studies with areas not otherwise covered by your degree programme or to make new and interesting connections between the different disciplines you have encountered during your degree.

**Be part of our vibrant community**

Based in our fully-refurbished building in the gorgeous Grade I listed Abercromby Square, we are a lively group of scholars. We put on research-related events such as talks, film screenings and translation workshops both within the University and across the Merseyside region. Why not come along to the poetry readings, cookery demonstrations and salsa classes offered as part of Iberian Week? Or stop by for a drink at the weekly Café Français where you can practise your French in an informal setting? The annual Lucrezia Zaina lecture in Italian is also a date for your diary. In addition, our student-run language societies organise social events and visits abroad as well as Christmas and Summer Balls. We even have our own student football team!

**The Liverpool Year Abroad**

Our Year Abroad scheme offers you an unusually diverse set of choices for how you will spend the third year of your studies. The year is spent in Europe, Latin America, or China, at university (all language areas), teaching English, or completing an independent work placement in commerce or at a non-governmental organisation (NGO) in one or more countries where the target language is spoken (currently for Europe and Latin America). If you are studying two languages you will normally split the year between two countries. A reduced fee is payable for the year which you spend abroad, and three-year degree programmes exist if you are keen to study Modern Languages but are unable, for good reason, to go abroad.

When abroad you will be able to immerse yourself in the language and culture of your destination while also enjoying the support from dedicated academic members of staff who will guide you through the practicalities of your Year Abroad, offer pastoral support remotely and by visiting students abroad, and advise you with your chosen assessment.
You can choose to study at one of the wide range of universities with which we currently have links in Austria (Salzburg), France (Aix-Marseille, Dijon, Grenoble, Lyon, Paris, Rennes, and Toulouse), Germany (Bremen, Bonn, Göttingen, and Würzburg), Italy (Bari, Macerata, Padova, and Rome), Portugal (Lisbon and Porto), and Spain (Alcalá (Madrid), Alicante, Barcelona, Girona, Santiago de Compostela, and Valladolid). If you study Chinese you will undertake your Year Abroad at our sister campus, Xi’an Jiaotong-Liverpool University (XJTLU), while if you wish to go to Latin America you can choose an independent studentship at your choice of one of the many institutions across the area.

Our students have successfully completed work placements in enterprises in France (Google, IBM, International Chamber of Commerce, Nestlé, Alcatel-Lucent, Canal+, Babylangues, and Moët et Chandon), Germany (AbeBooks, Bayer Pharma AG, Bloomberg, Google, Henkel, Institute for Cultural Diplomacy, Pysma, Siemens, KERN Global Language Services, Bosch and Zanenker & Kollegen), Italy (RAI (Italian National Broadcasting Company), Alice in Citta and Mark Warner) and Spain (Bosch, Domènech Abogados, EADS, Google, Netmaps, Lansing Language Consulting, Hola Magazine, Summon Press and the British Chamber of Commerce). In Latin America, students have enjoyed placements (including Voluntary and International Development) at Task Brasil (Brazil), British Institute (Chile), the British Council (Colombia), Santa Maria Education Fund (Paraguay), and Traveller not Tourist (Peru). Other countries where students have recently spent the year abroad include: Argentina, Austria, Belgium, Bolivia, Canada, Cuba, Ecuador, Luxembourg, Portugal, Réunion, Mexico, Switzerland, Uruguay and Venezuela.

Spending a year abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. With a Year Abroad in Modern Languages and Cultures at Liverpool, the world really is your oyster!

Please note that if you are studying a Modern Language alongside Law or Mathematics your Year Abroad offering may differ, so you should discuss this with the relevant department.

For more information, please visit www.liverpool.ac.uk/modernlanguages-and-cultures/undergraduate/year-abroad

Your future

We are justifiably proud of our excellent record on graduate employment. Our graduates go on to careers in all sectors worldwide. These include the media, industry and commerce, finance, local and central government, administration, translation, interpreting and teaching in schools and universities.

Many of our students also undertake postgraduate study, either in our own department or, for example, on a PGCE, translation or law conversion course.

All students have the opportunity to gain employability skills and work experience and we work closely with the University Careers & Employability Service to ensure that the curriculum delivers the skills that graduate employers are looking for.

The year abroad also offers an excellent opportunity to develop these skills. Employers really value graduates who have international experience as part of their degree studies and this is demonstrated by the wide range of local, national and international employers that our graduates work for.

In partnership with the University’s Careers & Employability Service, we hold an annual Languages Careers Fair, which is attended by some 20 language-related employers who are always keen to meet with our students. The event is always highly regarded by those who attend. The European Commission visits annually to talk to students about translating and interpreting careers within the EU.
Careers & Employability Service sessions that our students have taken part in this year include commercial and business awareness, networking skills, how to make the most of careers fairs and employability workshops that include meetings with employers and language graduates.

**How you learn**
You will be taught in a mixture of formal lectures, seminars and small group tutorials where a friendly environment prevails and great attention is paid to giving feedback on assessed work.

In language classes, we make every effort to ensure that we have a small number of students compared to competitor institutions, which means that academic staff are able to support students to achieve their full potential. All language modules involve continuous assessment such as oral presentations, listening tests and grammar tests as well as exams. Tuition takes place in small groups with first-language speakers playing a prominent part and includes a range of skills such as listening, writing, speaking, interpreting and translation. Students are also expected to make regular use of our fully-refurbished Language Lounge to enhance their own study.

We encourage our students to become independent learners, and support them through our dedicated library resources in the Sydney Jones Library which is open 24-hour in term time. We also make extensive use of our virtual learning environment VITAL where students can undertake structured tasks outside the classroom.

**Which degree?**
Passionate about languages? Our **Modern Languages Triple Subject** degree allows you to study up to five languages during your degree, three of which can be studied from scratch.

Interested in one particular language area and culture? Our **Single Honours** degree programmes in **French**, **German** and **Hispanic Studies** will give you a solid, in-depth and wide-ranging knowledge of that subject area.

Want to combine two language areas, or a language with another subject? Our **Major/Minor** and **Joint degrees** let you combine our languages in many flexible ways.

Want to learn **Chinese**? Our city is home to the oldest Chinatown in the UK and there are special galleries dedicated to the history of this cultural exchange in the Museum of Liverpool. The city hosts annual celebrations for Chinese New Year. At Liverpool we have a Chinese cultural centre called the Confucius Institute, run in partnership with the Chinese government which has its own library.

Want to explore Spain, Portugal and Latin America? Our programme in **Hispanic Studies** gives you the opportunity to study the diverse languages, cultures and societies of these countries – we teach Spanish, Portuguese and Catalan and we are the only UK university to teach Basque.

Fascinated by Film? **Film Studies** can be taken as a joint degree programme with many other subjects, and specialist film modules are offered in each language area.

**Honours Select**
Our programmes combine well with a wide variety of subjects, including History, English, Business Studies, Communication Studies and Philosophy.
## Degrees

<table>
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<tr>
<th>Program</th>
<th>Codes</th>
<th>Duration</th>
<th>A level</th>
<th>IB</th>
<th>BTEC</th>
<th>Typical Offer</th>
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<td>French BA (Hons)</td>
<td>R120</td>
<td>4 years</td>
<td>ABB</td>
<td>33</td>
<td></td>
<td>Applications encouraged</td>
<td>221</td>
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<td>R220</td>
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<td>RR45</td>
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### Degrees offered with other departments

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<th>Duration</th>
<th>Typical Offer</th>
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<tr>
<td>European Language BSc (Hons)</td>
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<td>See Mathematical Sciences</td>
<td>202</td>
</tr>
</tbody>
</table>

R120, R220 and RR45 require an A level in the relevant language for entry to the advanced language level; no subject requirement is required for entry to the beginner’s level. This applies to those studying the language as a Single Honours (100%) programme and to those studying the language as part of a Joint Honours (50%) programme, when combining with a non-language second subject. For those wishing to study a Joint Honours programme combining two languages, an A level in the relevant language for advanced in one of the two languages is required. T900 requires an A level in the relevant language for advanced in one or two of the three languages.

This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ. Please note that any Honours Select programmes which have a Management, Law or Sociology component will not accept the EPQ.

1. BBB offer with an A in EPQ.
2. We evaluate each BTEC application on its merits and may make offers at DDM, with 100 out of 180 credits at Distinction, with an A level or equivalent in relevant language, for advanced level only.

Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
French Studies

French is one of the world's most important languages in terms of speaker numbers and its role in science, industry and international diplomacy. Fluency in French opens up dynamic and fast changing parts of the world outside Europe, including North Africa, Sub-Saharan Africa, as well as parts of the Caribbean, the Indian Ocean and the Pacific. A mastery of this language brings with it access to cultural products including world literature and cinema, but also important social, cultural, historical and linguistic debates.

At Liverpool French may be taken from A level or as a beginner’s language where no previous qualifications in the language are necessary. In the first year our vibrant programmes at advanced level will both refresh and extend your knowledge of French. If you are a beginner, our fast-moving programme will quickly take you to A level standard during the course of your first year.

The perfection of language skills is at the heart of our degrees. We also actively foster in our students the development of professional skills in French. All our degrees demand a full intellectual engagement with a wide selection of areas in French studies. As a subject group, we have a strong interest in looking at French in and beyond France, with the expectation that students will look at French in the European context, as well as in the Americas, Africa and Asia. We also cover French and Francophone culture in a broad historical context that allows our students to understand the standing of French language and grasp the various questions of identity linked to being a speaker of French outside France. In addition, we cover aspects of French studies from various social, literary, filmic and linguistic aspects, ensuring that we not only teach traditional areas of interest but are committed to ensuring students better understand the questions that people are asking themselves across the French-speaking world, from Port-au-Prince to Paris, from Montreal to Marseille, from Guadeloupe to Geneva.

French BA (Hons)

UCAS code: R120
Programme length: 4 years

In Year One, you will study language modules as well as foundation modules, which serve as a broad introduction to the literary, cultural and historical modules offered in the subsequent years of the degree and equip you with appropriate academic skills successfully to complete these modules. You will also take a ‘Language Awareness’ module in Year One which is designed to support your language learning by sensitising you to issues in language and linguistics. During your second and final year you will take language modules, plus content modules which cover the spectrum of French studies – from the history of the book and Renaissance texts discussing the New World, to Mediterranean literature, contemporary French sociolinguistics, and collaboration during the Second World War. You may also, subject to approval, select relevant modules from the range of modules offered within the wider School of Histories, Languages and Cultures, including modules from Film Studies. Our work placement module allows you practically to apply your skills under the supervision of one of your departmental teachers.

You will spend one year in a French-speaking country as an assistant in a school, as a student at a partner Erasmus+ university, or on a work placement. During this year, you will complete an extended essay or portfolio in French or follow courses at your chosen university. If you combine Major French with a Minor in another language, you may choose to spend half the year abroad in a French-speaking country.
French Joint

Studying French at 50% will enable you to become highly proficient in writing, reading, speaking and listening to the language, and will introduce you to the study of important social, cultural, historical and linguistic debates, as well as world literature and cinema. In each year of your programme, you will study two language modules plus two content modules which cover the spectrum of French studies, from the history of the book and Renaissance texts discussing the New World, to Mediterranean literature, contemporary French sociolinguistics, and collaboration during the Second World War.

You may also select relevant modules from the range of modules offered within the wider School of Histories, Languages and Cultures, including modules from Film Studies. The work placement module allows you practically to apply your skills under the supervision of one of your departmental teachers.

French can be studied in combination with both language and non-language subjects to offer you the benefits and enhanced employability that language skills and intercultural awareness provide.

If you combine French with a non-language subject, you will spend one year in a French speaking country as an assistant in a school, as a student at a partner Erasmus+ university, or on a work placement. For entry to French with another language you will need an A level in at least one of the languages studied. In your third year, you will spend half the year abroad in a French speaking country as a student at a university, as an assistant in a school or on a work placement.

For entry to French with another language you will need an A level in at least one of the languages studied. In your third year, you will spend half the year abroad in a French speaking country as a student at a university, as an assistant in a school or on a work placement. During the time you spend in a French-speaking country you will complete an essay or portfolio in French or follow courses at your chosen university.

French Minor

Studying French language as a Minor at 25% of your degree will enable you to become highly proficient in writing, reading, speaking and listening to the language. It will also help you to understand aspects of the cultures and societies of France and the French-speaking world. A year abroad is highly recommended, but not compulsory, for French as a Minor subject.

You may spend a year in a French-speaking country as an assistant in a school, as a student at a partner Erasmus+ university, or on a work placement. During this year, you would complete an extended essay or portfolio in French or follow courses at your chosen university. If you combine Minor French with a Major in another language, you may choose to spend half the year abroad in a French-speaking country.

German Studies

German is a major language of business, commerce and science, as well as the gateway to a vibrant and modern multicultural society with a rich and complex past. German is, with over 90 million native speakers, the most widely spoken language in Western Europe, and Germany is second only to the United States as a trading partner to the United Kingdom. We will help you to become highly proficient in writing, reading, speaking and listening to contemporary German, but also help you to understand the society, history, politics, linguistics, culture, literature and cinema of Germany, Switzerland and Austria.

German graduates are some of the most highly sought after by employers and our German students are particularly well-placed to achieve their full potential in the workplace. We have excellent links with a wide-range of German employers across all sectors, from financial to energy companies, manufacturers to retailers, including: AbeBooks, Bayer Pharma AG, Bloomberg, Google, Henkel, Institute for Cultural Diplomacy, Pysma, Siemens, KERN Global Language Services, Bosch and Zaenker & Kollegen.

Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
These links are used frequently to help students find work placements on the year abroad or to secure graduate jobs.

Whilst the perfection of language skills is at the heart of modern languages degrees in Liverpool, all our degrees demand a full intellectual engagement with a wide selection of areas in German studies. We research and teach German culture, literature and film in the 19th to 21st centuries, the Holocaust, contemporary Berlin, linguistics and translation, and much more.

Our students participate in a number of extracurricular activities, including the regular writer-in-residence programme, the annual translation workshop organised across the Department and the Sauerkraut Cup inter-university football tournament run by the German Academic Exchange Service (DAAD). They regularly win prestigious DAAD Summer School Grants.

**German BA (Hons)**

**UCAS code: R220**

**Programme length: 4 years**

At the University of Liverpool, German may be taken from A level or as a beginner’s language where no previous qualifications in the language are necessary. In the first year our vibrant programmes at advanced level will both refresh and extend your knowledge of German. If you are a beginner, our fast-moving programme will quickly take you to A level standard during the course of your first year. In Year One you will study advanced or beginner’s language modules as appropriate, as well as foundational modules which serve as a broad introduction to the literary, cultural, film, linguistic and historical modules offered in the subsequent years of the degree. You will also take a ‘Language Awareness’ module in the first year which is designed to support your language learning by sensitising you to issues in language and linguistics, and a ‘Texts and Context’ module which develops your research skills through a portfolio of tasks structured around reading a key literary text.

During your second and final year you will take language modules plus cultural options which have a strong emphasis on both modern and contemporary Germany, and on the place of Germany in Europe and the world.

For students taking German at 100% you will follow a research pathway in your second and final year which culminates in a dissertation on a subject of your choice.

You will spend one year in a German-speaking country as an assistant in a school, as a student at a university or on a work placement. During this year, you will complete an extended essay or portfolio in German or follow courses at your host university.

If you combine Major German with a Minor in another language, you may choose to spend half the year abroad in a German-speaking country.

**German Joint**

Studying German at 50% will enable you to become highly proficient in writing, reading, speaking and listening to the language. It will also help you to understand the society, history, politics, linguistics, culture, literature and cinema of Germany, Switzerland and Austria. German may be taken from A level or as a beginner’s language, where no previous qualifications in the language are required. In the beginner’s pathway, German can be taken all the way to final year. In the first year our vibrant programmes at advanced level will both refresh and extend your knowledge of German. If you are a beginner a fast moving programme will quickly take you to A level standard during the course of your first year.

If you combine German with a non-language subject, you will spend one year in a German speaking country as an assistant in a school, as a student at a university or on a work placement. If you combine German with another language, you will spend half the year abroad in a German speaking country as a student at a university, as an assistant in a school or on a work placement.

For entry to German with another language you will need an A level in at least one of the languages studied.
German Minor

Studying German language as a Minor subject at 25% of your degree will enable you to become highly proficient in writing, reading, speaking and listening to the language. It will also help you to understand aspects of the societies and cultures of Germany, Switzerland and Austria. As a Minor, German may be taken from A level or as a beginner’s language for which no previous qualification in the language is required. In the beginner’s pathway, German can be taken all the way to final year.

A year abroad is highly recommended, but not compulsory, for German as a Minor subject. You may spend one year in a German-speaking country as an assistant in a school, as a student at a university or on a work placement. During this year, you would complete an extended essay in German or follow courses at your host university. If you combine Minor German with a Major in another language, you may choose to spend half the year abroad in a German-speaking country.

Hispanic Studies

Hispanic Studies covers the languages, literatures, cultures and histories of Spain, Portugal and Latin America. Liverpool is one of the few UK universities to offer Basque, Catalan and Portuguese Studies, which makes our programmes more diverse and stimulating than many. Spanish and Portuguese are truly global languages; Spanish has over 400 million speakers and Portuguese has over 200 million.

At the University of Liverpool we take a pluricultural and plurilingual approach to the Luso-Hispanic World. We have a strong interest in looking at Spanish in and beyond Spain with an emphasis on the variety of different languages and cultures encountered both on the Iberian Peninsula and in Latin America. As one of the longest established centres for the study of Latin America, we have considerable expertise in Latin America, which will add further depth and breadth to your degree and lets you specialise in Latin American Studies from Year Two. Not only will you become a confident reader, writer, listener, and speaker of Spanish, you will also gain a thorough understanding of many aspects of Hispanic Studies.

Teaching throughout all four years of your degree is informed by this plurilingual and pluricultural understanding of the Luso-Hispanic world, and you will have the opportunity to choose from the wide range of languages on offer. Most of these languages can be studied in a range of combinations with other languages and subjects. We have a vibrant community of students who are involved in a wide range of extra-curricular activities including Iberian Week and Latin American Week, the Lusophone and Hispanic Film Clubs, an annual Symposium, Visiting Writers, and much more.
Hispanic Studies BA (Hons) 🌟
UCAS code: RR45
Programme length: 4 years

Each year you take two modules in Spanish language at the appropriate level, plus students of advanced Spanish will take two further modules in Portuguese, Catalan or Basque which you will learn from scratch if you take Hispanic Studies as a Major or as a Single Honours degree. In Year One you will also take foundational modules which introduce Iberian and Latin American histories, languages and cultures; students of advanced Spanish taking Single Honours will also take a ‘Language Awareness’ module, which is designed to support your language learning by sensitising you to issues in language and linguistics, and a module on Iberian Literature.

During your second and final year you complement your study of Spanish and Catalan, Basque or Portuguese by choosing four (two for a Major) modules from a wide range including options on Latin American Literature and Cultures, Basque, Brazilian, Latin American and Spanish Cinema and Spanish literature from medieval to modern times. You may also, subject to approval, select relevant modules from the range of modules offered within the wider School of Histories, Languages and Cultures, including modules from Film Studies.

At the University of Liverpool, Spanish may be taken from A level or as a beginner’s language, where no previous qualification in the language is necessary. In the first year our vibrant programmes at advanced level will both refresh and extend your knowledge of Spanish. If you are a beginner a fast moving programme will quickly take you to A level standard during the course of your first year.

You will spend one year working in a Spanish, Basque, Catalan or Portuguese-speaking country as an assistant in a school, as a student at a university or on a work placement. During this year, you will complete an extended essay or portfolio in Spanish or in the other languages or follow courses at your host university. It is possible to divide the year abroad between Spanish, Catalan, Basque and Portuguese-speaking areas.

If you combine Major Hispanic Studies with a Minor in another language, you may choose to spend half the year abroad in a Spanish, Catalan, Basque or Portuguese-speaking area.

Hispanic Studies Joint 🌟

Studying Hispanic Studies at 50% will enable you to become highly proficient in writing, reading, speaking and listening to Spanish with the option of studying a second Iberian language from Year Two. It will also help you to understand the society, history, politics, linguistics, culture, literature and cinema of the Luso-Hispanic world. In Year One you will also take foundational modules which introduce Iberian and Latin American histories, languages and cultures.

During your second and final year you will study two Spanish language modules at the appropriate level plus two content modules from a range of options on Latin American Literature, Latin American and Spanish cinema and Spanish literature from medieval to modern times. You may also, subject to approval, select relevant modules from the range of modules offered within the wider School of Histories, Languages and Cultures. From your second year onwards, if you are studying advanced Spanish, you have the option of studying another Iberian language from beginner’s level for one of your optional modules.

At the University of Liverpool, Spanish may be taken from A level or as a beginner’s language where no previous qualification in the language is required. In the first year, our vibrant programmes at advanced level will both refresh and extend your knowledge of Spanish. If you are a beginner, a fast moving programme will quickly take you to A level standard during the course of your first year.

In Year Three you will spend one year in a Spanish-speaking country (or if relevant, Basque or Catalan-speaking region or Portuguese speaking country) as an assistant in a school, as a student at a university or on a work placement. During this year, you will complete an extended essay or portfolio in Spanish or follow courses at your host university.

Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.
For entry to Hispanic Studies with another language you will need an A level in at least one of the languages studied. You will spend half the year abroad in a Spanish-speaking country, or if relevant, Basque or Catalan-speaking region or Portuguese-speaking country.

**Spanish Minor**

Studying Spanish language as a Minor at 25% of your degree will help you to become highly proficient in writing, reading, speaking and listening to the language. It will also help you to understand aspects of the society and culture of Spain and of the Spanish-speaking world. At the University of Liverpool, Spanish may be taken from A level or as a beginner’s language, where no previous qualification is required. Spanish is one of the world’s most widely spoken languages with considerable global reach. Fluency in Spanish opens up dynamic and fast-changing parts of the world outside Europe, including North, Central and South America as well as the Caribbean. A mastery of this language brings with it not only access to cultural products including world literature and cinema, but also important social, cultural, historical and linguistic debates.

In Year One our vibrant programmes at advanced level will both refresh and extend your knowledge of Spanish. If you are a beginner, a fast moving programme will quickly take you to A level standard during the course of your first year. A year abroad is strongly encouraged though not compulsory. If you do opt to take a year abroad, your time will be spent in a Spanish-speaking country as an assistant in a school, as a student at a university or on a work placement. During this year, you will complete an extended essay or portfolio in Spanish or follow courses at your host university.

**Catalan Minor**

Studying Catalan language as a Minor at 25% of your degree will help you to become highly proficient in writing, reading, speaking and listening to the language. It will also help you to understand aspects of the society and culture of the Iberian Peninsula. At the University of Liverpool, Catalan is taken as a beginner’s language. Catalan is a romance language spoken by about 10 million people in the world and it is spoken in four countries (Spain, Andorra, and also in some parts of France and Italy). It has a long and rich literary and cultural history and is currently a hot topic in national and international media due to its independence movement.

A mastery of this language brings with it not only access to cultural products, including world literature and cinema, but also important social, cultural, historical and linguistic debates from the literary work of Ramon Llull to the independence movement, Football Club Barcelona and the outstanding works by Antoni Gaudí or Salvador Dalí.

In Year One our vibrant and fast-moving course will quickly take you to A level standard. In Years Two and Four expert tuition in small groups will provide you with the opportunity to approximate native or near-native standards. A period of study and residence abroad is not a requirement of Catalan as a Minor but it is strongly encouraged. If you do opt to spend a year abroad, your time will be spent in a Catalan-speaking country as an assistant in a school, as a student at a university or on a work placement. During this year, you will complete an extended essay or portfolio in Catalan or follow courses at your host university. If you combine Minor Catalan with another language, you may choose to spend half the year in a Catalan-speaking region.

Available as part of **Honours Select**. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses).
**Portuguese Minor**

Studying Portuguese language as a Minor at 25% of your degree will help you to become highly proficient in writing, reading, speaking and listening to the language. It will also help you to understand aspects of the society and culture of Portugal and the Portuguese-speaking world. At the University of Liverpool, Portuguese is taken as a beginner’s language. Portuguese is the seventh most widely spoken language in the world, spoken by over 200 million people in countries such as Portugal, Brazil, Angola, Mozambique and Cape Verde, as well as places such as Macau, East Timor and Goa.

Students of Portuguese at Liverpool learn both the Brazilian and the European variants of the language, and have the opportunity to explore the unique histories, societies and customs of the Portuguese-speaking world. Brazil’s booming economy, currently the sixth largest in the world, means that learning Portuguese can open doors to employment in a variety of areas in virtually any sector including industry, tourism, teaching and translation.

A mastery of this language brings with it access to cultural products including world literature and cinema, key debates in areas such as postcolonialism, culture and society.

In Year One our vibrant and fast-moving programme will quickly take you to A level standard. In Years Two and Four expert tuition in small groups will provide you with the opportunity to approximate near-native standards. A year abroad is strongly encouraged though not compulsory for Portuguese as a Minor subject. If you do opt to take the year abroad, your time will be spent in a Portuguese-speaking country as an assistant in a school, as a student at a university or on a work placement. During this year, you will complete an extended essay or portfolio in Portuguese or follow courses at your host university.

If you combine a Minor in Portuguese with another language, you may choose to spend half the year abroad in a Portuguese-speaking country.

**Basque Minor**

Our teaching in Basque at degree level is unique in the UK. Basque is a language that does not belong to any language family; it is spoken by around 850,000 people on both sides of the western Pyrenees in Spain and France. A mastery of this language brings with it not only access to cultural products, including world literature and cinema, but also important social, political, cultural, historical and linguistic debates. Studying Basque language as a Minor at 25% of your degree will enable you to become highly proficient in writing, reading, speaking and listening to the language. It will also help you to understand aspects of the society and culture of the Basque country.

At the University of Liverpool, Basque is taken as a beginner’s language. In Year One our vibrant and fast-moving programme will quickly take you to A level standard. In Years Two and Four expert tuition in small groups will provide you with the opportunity to approximate near-native standards. A year abroad is highly recommended, but not compulsory for Basque as a Minor subject. You may spend a year in a Basque-speaking region as an assistant in a school, or on a work placement. During this year, you will complete an extended essay or portfolio in Basque. If you combine Minor Basque with another language, you may choose to spend half the year abroad in a Basque-speaking region.
Italian Studies

Italian Studies at Liverpool is a rapidly growing subject and is now available as a Single Honours, Major, Joint or Minor subject. As Major, Joint or Minor subject, Italian can be studied in combination with both language and non-language subjects to offer you the benefits and enhanced employability that language skills and intercultural awareness provide. The Italian language carries an unparalleled cultural capital. The Italian Renaissance laid the foundations for much of western values and culture of the last five centuries. Italy has produced remarkable figures such as Dante, Michelangelo, Galileo, Fellini and Eco, to name but a few. According to UNESCO, over 60% of the world’s art treasures are found in Italy. A founding member of the European Community, today’s Italy is one of the world’s top exporters and is ranked amongst the world’s largest economies; the UK is the country’s third trading partner in the EU. Studying Italian allows you to explore the country’s past and present from a privileged perspective.

The results for UK universities ranked by student satisfaction in the National Student Survey 2016 show that Italian at Liverpool has scored 100%, 10% above the national average for this subject. This impressive result reflects the time Italian staff spent supporting students outside of class as well as the excellent quality of teaching. Italian Studies provides an excellent opportunity to explore Italian culture in its many facets. Research is interdisciplinary and with an emphasis on the contemporary. Modules include Italian language, linguistics, cultural history, cinema, contemporary fiction and popular culture. Extracurricular activities include an Italian Cinema Club and an Italian Society, and an annual Italian-themed lecture, the Lucrezia Zaina Bequest Lecture, hosted by the Vice Chancellor, and with more than 400 tickets reserved for the event every year. In Liverpool, cultural and institutional support is provided by the first Dante Alighieri Society to be founded in the UK and by a Consulate which fosters and enhances the local Italian heritage.

We have offered our students the possibility of winning Italian government-sponsored scholarships for summer schools in Italy and continue to work on the expansion of both academic and business links with Italy to assist during the year abroad. The Italian subject group at Liverpool consists predominantly of native speakers of Italian. We research and teach Italian film studies, contemporary literature, linguistics, cultural history, translation and interpreting.

**Italian BA (Hons) [I] 75 UCAS code: R300**

Programme length: 4 years

In Year One you will study advanced or beginners’ language modules as appropriate, as well as foundational modules which serve as a broad introduction to the literary, cultural, film, linguistic and historical modules offered in the subsequent years of the degree. You will also take a ‘Language Awareness’ module in the first year which is designed to support your language learning by sensitising you to issues in language and linguistics, and a ‘Texts and Context’ module which develops your research skills through a portfolio of tasks structured around reading a key literary text. During your second and final year you will take language modules plus cultural options which have a strong emphasis on both modern and contemporary Italy, and on the place of Italy in Europe and the world.

For students taking Italian at 100% you will follow a research pathway in your second and final year which culminates in a dissertation on a subject of your choice.

You will spend one year in Italy as an assistant in a school, as a student at a university or on a work placement. During this year, you will complete an extended essay or portfolio in Italian or follow courses at your host university.

If you combine Major Italian with a Minor in another language, you may choose to spend half the year abroad in Italy.

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Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Italian Joint

Studying Italian at 50% will help you to become highly proficient in writing, reading, speaking and listening to the language. It will also help you to understand the society, history, politics, linguistics, culture, literature and cinema of Italy. At the University of Liverpool, Italian may be taken from A level or as a beginners’ language (subject to our entry requirements – normally an A level in another language or other evidence of linguistic aptitude). In the beginners’ pathway, Italian can be taken all the way to degree level in the final year.

Year Three of the degree is a compulsory year abroad. You may spend a year in Italy as an assistant in a school, as a student at university or on a work placement. During this year, you will complete an extended essay or portfolio in Italian or follow courses at your host university. If you combine Italian with another language, you can spend half the year abroad in Italy.

Italian Minor

Studying Italian as a Minor at 25% of your degree will help you to become highly proficient in writing, reading, speaking and listening to the language.

It will also help you to understand aspects of the society and culture of Italy. At the University of Liverpool, Italian may be taken from A level or as a beginners’ language. A year abroad is highly recommended, but not compulsory for Italian as a Minor subject. You may spend a year in Italy as an assistant in a school, as a student at university or on a work placement. During this year, you will complete an extended essay or portfolio in Italian or follow courses at your host university. If you combine Italian with another language, you may choose to spend half the year abroad in Italy.

Chinese Studies

China currently has one of the largest economies in the world, and Chinese is a working language for the United Nations. Our Chinese Studies programme provides you with the skills to engage fully with China from different dimensions and perspectives, thereby opening the door to truly international employment opportunities.

Chinese Studies Joint

Studying Chinese at 50% will enable you to become fully proficient in reading, writing, speaking, and listening to the language. You will also deepen your knowledge and understanding of Chinese history, society, political economy and culture. Modules range from learning about ancient Chinese civilisation to contemporary Chinese cinema, from Confucius and Laozi to Chairman Mao, from Peking opera to Chinese rock music.

Under Honours Select, you can combine Chinese with many subjects, for example: French, German, Italian, Spanish, English, Business, History, Politics, Philosophy, Economics, Law, Sociology, Film Studies, Communication and Media. You can also learn Chinese with two other languages as part of our BA in Modern Languages Triple Subject (T900).

Chinese Minor

Studying Chinese at 25% of your degree will enable you to become fully proficient in reading, writing, speaking, and listening to the language. At the University of Liverpool, Chinese is taken as a beginner’s language. In Year One our vibrant and fast-moving programme will quickly take you to A level standard. In subsequent years, expert tuition in small groups will equip you with intercultural knowledge and interpreting/ translating skills for professional purposes, and you can expect to achieve fluency by graduation.
Modern Languages

Modern Languages
Triple Subject BA (Hons)
UCAS code: T900
Programme length: 4 years

If you are a good linguist and want to achieve a high level of proficiency in several languages, our flexible multi-language programme will be ideal for you. This is a 100% Single Honours programme and cannot be studied on a 75, 50, or 25% basis; if you would like to focus on one or two of our languages instead, please see the individual entries for those languages.

Students following Modern Languages Triple Subject study a total of three languages, one or more from advanced level, plus up to two languages from beginner's level. You have the option to begin a new language from scratch in second and final year.

In this programme, you may study French, German, Spanish and Italian from beginner's or A level; and Basque, Catalan, Chinese and Portuguese from beginner's level. You will learn to speak, listen, read, write, translate and interpret to a high level in your chosen languages. There is an emphasis on languages in the context of contemporary culture and society and on their social and professional relevance. In each year of your studies, you will take six language modules (two per language), and choose two optional modules from different language areas.

The programme includes a compulsory year abroad split between at least two of your languages. You may spend the time abroad at a university, as an assistant in a school, or on a work placement. During the time abroad you will complete two essays or portfolios in the appropriate languages or attend an accredited Erasmus+ programme in your chosen country.

Three-year equivalents of all our programmes exist for candidates who are unable to undertake the Year Abroad for good reason, such as disability or caring responsibilities.
**Film Studies**

Our students come to us with a passion for film and an eagerness to develop their understanding of the medium and its influence, as well as to broaden the horizons of their film culture.

**Film Studies Joint and Minor**

Film Studies at Liverpool is a unique proposition amongst British Universities. Within the University of Liverpool, it is the first and only cross-school subject area, drawing on expertise in Histories, Languages and Cultures and the School of the Arts.

We offer you the chance to study with recognised scholars of film cultures and industries around the world, offering a wide-ranging and sophisticated academic programme in this critical and growing field.

Our students have an interest in world cultures and a desire to fully appreciate the ways in which these cultures have expressed themselves through film.

Our course is distinctive because you can take modules from Modern Languages, Classics, Communication and Media, English and Music. You also have the opportunity to study film not simply as a visual form, as is usual in British universities, but as audiovisual medium, with an emphasis also on sound and music. We encourage you to become an independent learner and support you through our dedicated library resources, including a wide variety of films from all periods and sources available for private study, e-learning initiatives and structured tasks outside the classroom.

Film Studies brings together a large number of specialist academic colleagues, all of whom work in or around the magnificent Grade I listed Abercromby Square.

Film Studies is currently available as a Joint or Minor subject. Students who choose to study Film Studies do so in combination with one of over 30 Humanities subjects.

Subjects which combine particularly well with Film Studies include: any Modern Language, Communication and Media, Music or English (Language or Literature). Films have been vital cultural outputs for over one hundred years. The context in which they are produced and distributed is constantly changing but their importance as documents of our times remains, as does the pleasure they give to audiences across the world and their potential influence on the way those audiences may see the world.

Available as part of **Honours Select**. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Music

In one of the most vibrant musical cities in the world, choosing to study at Liverpool means opening yourself up to a world of new experiences and possibilities. A degree from the Department of Music at Liverpool offers you the most flexible and innovative way to study. Whether you require a specialist programme in Classical Music, Popular Music, or Music and Technology, or want to combine your study of those areas, and whether you want to include audio-visual media, music psychology, music industry, music technology, world music, composition, performance, or a work placement, all of our programmes are not only flexible, but also both academic and vocational.

*My programme allows me complete flexibility in studying what I want, combining modules from both the classical and popular music sides. The lecturers are open-minded and I can tailor the modules to my interests, specialising in composition. Studying here has pushed me out of my comfort zone and expanded my horizons and my skills with composing, orchestration, software use, and researching have been vastly improved. I have also picked up industry knowledge and career help from across the University that will benefit me once I leave.*

Chris Loxham
Music BA (Hons)

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**Good to know:**

- **56**
  Year One undergraduates in 2016
- **94%**
  of our students said staff are good at explaining things (NSS 2016)
- **86%**
  are satisfied overall with their programme (NSS 2016)
- **1st**
  We were the 1st Department of Music to introduce dedicated, specialist popular music studies and research

- Offers study abroad opportunities
- Offers a Year in China
- Offers Honours Select combinations
Why choose Music at Liverpool?

Enhance your learning with technology and audio-visual media
We offer a distinctive provision in the study of music in audio-visual media, including film and videogame music. This can be practical, oriented towards composition and technology, with dedicated AV composition resources; or theoretical, focusing on the critical study and analysis of music in different types of AV media.

Take advantage of composition and song-writing opportunities
Traditional, electro-acoustic, and audio-visual composition, as well as popular composition/song-writing, are all represented in the Department, celebrated most recently in the Open Circuit festival – a weeklong series of new music concerts and workshops that brought together world-leading performers and artists to perform new pieces by our staff and students.

Develop your confidence through performance
Although performance is not compulsory, if you wish to pursue this route then, in addition to providing your individual tuition, we provide workshops and other forms of support to enhance your development as a performer. Among the many ensembles, the Department of Music runs a Symphony Orchestra, a University Choir, and a Chamber Choir, while the University’s Music Society runs a wind orchestra, a brass band and a jazz band. We run a weekly professional lunchtime concert series, and our partnership with the RLPO affords opportunities for participating in composition and performance workshops with professional players. In addition, the Department is home to numerous pop and rock groups, covering many styles, and many of our students perform at local venues and open-mic nights. You will be encouraged to engage with performance activity even if you’re not taking performance as a formal part of your study.

Benefit from studying in a well-established department
The Institute of Popular Music (IPM) is a research centre within the Department of Music, and one of the very first places to offer university-level provision in popular music. Founded in 1988, it remains at the forefront of popular music studies internationally. The Department is home to a significant archive of materials, including rare vinyls and recordings and in 2013 we hosted an international conference on Analysing Popular Music.

Learn from music analysis and psychology experts
Several members of staff are dedicated to the study of music through the analysis of scores and performances, but also investigate music from psychological, cognitive and emotional perspectives. We offer a critical approach that encourages you to develop your own unique ways of analysing music from a broad range of repertoires and invites you to explore many new possibilities for appreciating the sonic experience of music.

Thrive in an environment that is leading, innovating and vocational
Our approach to the study of music is one of the most forward-looking in the country, not only engaging equally with all types of music, but also bringing together students from all kinds of musical backgrounds. While we are a serious academic department, we also place a major emphasis on delivering modules that support vocation and employment.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Study abroad
As part of your Music degree programme you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Music students may currently apply to study with one of our many worldwide partners. For more information, visit www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Music, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future
Studying Music opens up many career opportunities. As well as jobs in music (from performance, composition, and production, through teaching, music therapy and community arts, to arts management and industry, and a lot more besides), employers in many sectors are increasingly seeking arts and humanities graduates for their transferable skills. As a music student you achieve creative flair and imagination, confidence in expressing yourself, an openness to new ideas, a capacity for hard work and an ability to analyse data. You learn the value of working with others towards a shared, finished product and a whole range of flexible, professional skills. We work closely with the University’s award-winning Careers & Employability Service to offer a 30 credit, year-long module (SOTA300) which incorporates placement with a local company, group or institution related to your subject, providing practical/vocational experience. We have well established links with a number of partners that are relevant to future career opportunities: National Museums Liverpool, the Royal Liverpool Philharmonic Orchestra, local clubs and venues, local musicians from a wide variety of musical and cultural traditions, local independent cinema FACT, and local schools.

How you learn
We employ a range of teaching methods, including lectures, seminars, tutorials, workshops, master classes, 1-2-1 instrumental lessons, ensemble coaching and online tasks and projects. The emphasis is on student participation and interaction. We fit the most appropriate mode of teaching to the particular subject, conscious that the learning process needs to be enjoyable, enabling you to acquire useful and marketable skills and knowledge. Each module has an individually determined system of assessment (by coursework, written paper, test, recital, composition or technology portfolio, presentation, examination, and combinations of these), and we select the method that best suits the nature of the module. There are also some work placements and volunteering roles available with the Royal Liverpool Philharmonic Orchestra (RLPO), as well as the RLPO’s outreach programme ‘In Harmony’.

Which degree?
Students can choose to focus on mainly classical music (BA Hons Music) or mainly popular music (BA Hons Popular Music) or combine the two (BA Hons Music and Popular Music), or to focus on technology (BA Hons Music and Technology). Each programme is flexible and this allows students to design a pathway that accommodates their particular interests. All programmes include the opportunity to study areas such as film music, world music, psychology, or society and culture. Similarly, all programmes include and provide the opportunity to focus more on practical areas such as performance, composition, and technology, or to focus more on historical, cultural, and theoretical areas.
### Degrees

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This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who hold an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ. Please note that any Honours Select programmes which have a Management, Law or Sociology component will not accept the EPQ.

1. To include A level grade B in Music or ABRSM Grade 8 in Music Theory at Distinction. If an applicant is taking Grade 8 in any instrument (or singing), a dual offer can be made: ABB or BBB with grade 8 Distinction.
2. BBB offer with an A in EPQ.
3. BTEC applications are encouraged. We evaluate each BTEC application on its merits and may make offers at DDM, with 100 out of 180 credits at Distinction.
4. No specific subject requirements. If an applicant is taking grade 8 in any instrument (or singing), a dual offer can be made: ABB or BBB with grade 8 Distinction. Some of our optional modules require academic demonstration of ability. For more detail, please see [www.liverpool.ac.uk/study/undergraduate/courses/music-ba-hons/module-details/](http://www.liverpool.ac.uk/study/undergraduate/courses/music-ba-hons/module-details/).
5. To include A level Music or A level Music Technology grade B, or ABRSM Grade 8 in Music Theory at Distinction. If an applicant is taking grade 8 in any instrument (or singing), a dual offer can be made: ABB or BBB with grade 8 Distinction. Some of our optional modules require academic demonstration of ability. For more detail, please see [www.liverpool.ac.uk/study/undergraduate/courses/music-ba-hons/module-details/](http://www.liverpool.ac.uk/study/undergraduate/courses/music-ba-hons/module-details/).

### Music BA (Hons) (Honours Select)

**UCAS code: W300**

**Programme length: 3 years**

In addition to practical areas, this programme focuses on developing an in-depth and critical historical understanding of classical music repertoires, cultures, and practices. Some modules are practical, concerned with musical performance, composition and orchestration, or creative music technology, although none of these are compulsory. Others focus on classical music history topics or music analysis.

The remaining modules involve writing about music from a historical, critical, sociological, or philosophical viewpoint. Our studio and performance modules cater for both classical and popular musical styles.
Music Major

In the first year, core modules look at classical music repertoire and history, as well as analysis, and culture. Options include performance, composition, technology, audio-visual music, world music, and music industry. In the second and third years, you focus in more detail on the areas (normally three) that interest you most (such as history, analysis, psychology, audiovisual, performance, or composition etc).

Music Joint

In the first year, core modules look at classical music repertoire and analysis. Options include performance, composition, technology, audio-visual music, world music, and music industry. In the second and third years, you focus in more detail on the areas (normally two) that interest you most (such as history, analysis, psychology, audio-visual, performance, or composition etc).

Music Minor

In the first year, you take a core module in classical music repertoire, and then select an option such as performance, composition, world music, or technology. In the second and third years, you focus in more detail on the area that interests you most (such as history, analysis, psychology, audio-visual, performance, or composition etc).

Popular Music Major

In the first year, core modules look at popular music repertoire, as well as popular music industry, and culture. Options include performance, technology, popular music theory, audio-visual music, world music, and music industry. In the second and third years, you focus in more detail on the areas (normally three) that interest you most (such as history, psychology, audiovisual, performance, or song-writing etc).

Popular Music Joint

In the first year, core modules look at popular music repertoire and history and industry. Options include performance, technology, audio-visual music, world music, and music industry. In the second and third years, you focus in more detail on the areas (normally two) that interest you most (such as history, psychology, audio-visual, performance, or song-writing etc).

Popular Music Minor

In the first year, you take a core module in popular music repertoire. Options include performance, technology, audio-visual music, world music, and music industry. In the second and third years, you focus in more detail on the area that interests you most (such as history, performance, or song-writing etc).

Popular Music BA (Hons)

UCAS code: W340
Programme length: 3 years

In addition to practical areas, this programme focuses on developing an in-depth and critical historical understanding of popular music repertoires, cultures, and practices. Some modules are practical, concerned with musical performance, song-writing, or creative music technology, although none of these are compulsory. Others focus on popular music history topics or the music industry. The remaining modules involve writing about popular music from a historical, critical, sociological, or philosophical viewpoint. Our studio and performance modules cater for both classical and popular musical styles.

Music and Popular Music (Hons)

UCAS code: W301
Programme length: 3 years

In addition to practical areas, this programme focuses on developing an understanding of the repertoires, cultures, and practices associated with both classical and popular music. Some modules are practical, concerned with musical performance, composition and orchestration, song-writing or creative music technology, although none of these are compulsory. Others focus on music history topics or music analysis and theory. The remaining modules involve writing about music from a historical, critical, sociological, or philosophical viewpoint. Our studio and performance modules cater for both classical and popular musical styles.
Music and Technology BA (Hons)  
*UCAS code: W370*

Programme length: 3 years

The Music and Technology programme allows you to specialise in the vocational areas of recording and production, electronic music, sound design and composition for film and video-gaming. At the same time as focusing on music technology, you will also select half of your modules from our degrees in Music and/or Popular Music. This means you can also study classical or popular music performance, classical or popular music composition, the music industry, and/or select from the wide range of historical and theoretical options.

**Music and Technology Major**

In the first year, core modules look at the foundations of creative music technology, sound, and production. Other options include performance, classical and popular history and theory, audio-visual music, world music, and music industry. In the second and third years, you develop your skills in areas such as electronic composition, MAX/MSP, AV composition and sound recording.

**Music and Technology Joint**

In the first year, core modules look at the foundations of creative music technology, sound, and production. In the second and third years, you develop your skills in areas such as electronic composition, MAX/MSP, AV composition, or sound recording.

**Music and Technology Minor**

This subject pathway allows you to specialise in a particular area, such as sound recording and production, electronic music, sound design, and composition for film and gaming.

**Game Design Studies Minor**

The 25% Minor component introduces students to the study of video and digital games, including the history and development of gaming, writing about games, gaming cultures, virtual worlds, and critical issues in gaming. It is ideal for students interested in understanding the culture, context and significance of contemporary games; and would fit naturally with many major components such as, among others, Communication and Media, English, Music, Philosophy, Sociology, Politics, and Business Management.

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Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.
Ocean Sciences

The University of Liverpool is an ideal place to study Ocean Sciences, with the National Oceanography Centre on campus. You will be taught in a highly supportive environment by world-leading scientists who are passionate about their subject. You will learn new experimental skills in state-of-the-art, award-winning laboratories and during field work at sea. Our degrees are accredited by the Institute for Marine Engineering, Science and Technology. We will train you to become a scientist who can play a leading role in tackling some of the greatest challenges facing the world now and in the future.

With a programme focused so heavily on the water column I felt it was necessary to have a suitable resource base to take advantage of. With the National Oceanography Centre on campus, and the close proximity to the River Mersey and its docklands, Liverpool is the perfect place to study Ocean Sciences.

Jonathan Payne
Ocean Sciences BSc (Hons)
Why choose Ocean Sciences at Liverpool?

Be inspired by our culture of research excellence in a friendly environment
You will be taught by world-class research-active staff working at the forefront of their fields. Research-led teaching ensures that you will learn about cutting-edge science before it is incorporated into textbooks. Project work, carried out within the research groups, will allow you to use research equipment and the latest techniques. All students have a personal tutor, who can offer guidance and support throughout your time at university. Our excellent staff to student ratio means you will never be an anonymous student and you’ll have the opportunity to get to know all Ocean Sciences staff. You will also benefit from interaction with scientists from the National Oceanography Centre (NOC) in Liverpool, which is located on the University campus. Scientists from NOC supervise research projects and teach on modules in Years Three and Four.

Develop as a scientist equipped to address global environmental problems
Our degree programmes are designed to produce scientists with a range of transferable skills, so you will develop the flexibility to go into either further scientific research, commercial or industrial work, or indeed any role that requires a high level of practical and analytical expertise. We train students to critically assess scientific hypotheses and concepts, and to construct suitable routes to solving novel problems. Training in analytical techniques to study the marine environment is provided in the award-winning Central Teaching Laboratories using state-of-the-art analytical equipment. Field work experience onshore and on-board research vessels will be provided in Years One to Three and during the Year Three project. Depending on the subject, these projects are supervised by world-leading experts and so you can tackle real environmental issues. Recent projects include using global ocean datasets to assess the spatial variation in sea level change, investigating the regional imprint of sea surface temperature changes, investigating the impact of oxygen minimum zones on deep sea benthic macro-faunal communities, and using simple models to investigate the impact of wind and storms on the physical structure and biology in the shelf seas.

Ocean Sciences span across the traditional scientific disciplines
We are the only university in the UK to train Ocean Science students in data management and modelling using industry standard software. Students are trained in Year Two, so they can apply these skills in their research project in Years Three and Four. We have been a world leader in Oceanography for over 170 years and many world firsts happened here, including the first observatory to study sea level and the world’s first storm-surge prediction model – an updated version of which is still used by the UK Meteorological Office. In addition, methods for measuring essential ocean nutrients, such as phosphate and iron, were developed in Liverpool and are now used worldwide.

Study abroad
As part of your Ocean Sciences degree at Liverpool you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Ocean Science students can currently apply to study abroad with a number of our worldwide partners. For more information, visit www.liverpool.ac.uk/goabroad

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Year in China

The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Ocean Sciences, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future

There has never been a better time to study Ocean Sciences: to understand how the oceans are warming, where sea level is rising, how the oceans are taking up carbon from the atmosphere, and how these changes are affecting plankton and marine life. Our degree programmes are designed to provide you with the skills to tackle these global environmental challenges. The vast majority of our recent graduates gained employment within a degree-related field or continued further within education and research after graduation.

Work experience opportunities

We have close links with the National Oceanography Centre and each year, the Centre in Liverpool offers at least one competitive research placement for one year. The placement involves working closely with research scientists on new and on-going oceanographic projects and there are opportunities to go to sea on a research cruise. Additionally, we have competitive 5-10 week summer placements for students in Year Two/Year Three. These remunerated placements are great opportunities to gain practical experience and work on a specific research project guided by one of our academics.

Which degree?

Ocean Sciences is the study of how the ocean affects climate, the cycling of chemical elements and how life is sustained on our planet. Ocean Sciences involves the full range of scientific disciplines, and draws directly on subjects including Mathematics, Physics, Chemistry, Biology and Geography. We offer degree pathways in Physics, Chemistry and Oceanography and are the only UK University to offer programmes with the pure sciences; Mathematics and Physics. As well as offering three-year BSc (Hons) programmes, we also offer a four-year programme in Ocean Sciences (MOSci) designed to provide high-level skills and training to become a research scientist. Students on the three-year programme can transfer to the four-year programme provided they achieve the grades necessary, as determined by the University. All Ocean Sciences degree programmes involve fieldwork at sea and are offered in collaboration with the National Oceanography Centre, Liverpool, which has particular expertise in sea level and shelf sea science.

A typical module might involve two or three one hour lectures each week, and often a three-hour laboratory or computer-based practical as well. Tutorials typically involve groups of four to seven students meeting with a member of staff at least every two weeks in Year One and Two. In Year Three, you will undertake an Honours project, which is a piece of independent research (field, laboratory or data analysis) on a topic of your choice, supervised by a member of staff. In Years Three and Four students meet with their project supervisor on a weekly or more frequent basis. As you progress through your degree, you will be increasingly challenged to engage with current debates, to think critically and to study independently.

Please note: a number of the Department’s programmes involve laboratory and field work. The field work is carried out in various locations, ranging from inner city to coastal and mountainous environments. We consider applications from prospective disabled students on the same basis as all other students, and reasonable adjustments will be considered to address barriers to access.
Ocean Sciences BSc (Hons) F700 3 years
UCAS code: F700
Programme length: 3 years

Ocean Sciences MSci (Hons) F710 4 years
UCAS code: F710
Programme length: 4 years

The ocean plays a central role in the Earth’s climate system by regulating the transfer of heat and carbon over the globe. The effect of the ocean can only be fully understood by addressing the fundamental physical and chemical processes operating in our environment. This degree route offers three distinct pathways in oceanography, physics or chemistry, combined with an understanding of the ocean and climate system.

Each pathway has its own mix of modules from the School of Environmental Sciences and School of Physical Sciences. Scientists from the National Oceanography Centre in Liverpool provide guest lectures and supervision of projects.

The four-year master’s programme, F710, will provide you with the high-level skills and knowledge required to work in a research environment and address the challenges in ocean science. There is a strong emphasis on numerical skills hands-on laboratory and fieldwork at sea and independent study.

You will have the opportunity to work with scientists from the National Oceanography Centre (Liverpool), who are international leaders in sea level science and shelf sea physics.
Geography and Oceanography BSc (Hons)
UCAS code: FF78
Programme length: 3 years

The way that the Earth behaves as a system results from interactions between the land, the oceans and the atmosphere. Complex issues such as climate change, sea level rise and environmental pollution can only be fully understood if all the different facets of the Earth’s behaviour are considered. **While the ocean sciences deal with present day and future climate change scenarios, the link to physical geography provides an understanding of changes in climate over the last several thousand years to provide context for recent climate change.** This was the first UK university programme to combine land, ocean and climate studies in an integrated programme of study.

Marine Biology with Oceanography BSc (Hons)
UCAS code: C1F7
Programme length: 3 years

Life first emerged in the ocean and has spread throughout this dynamic environment. The distribution, growth and success of marine organisms is affected by the interaction of biological, chemical and physical processes operating in the ocean. **You will study the interaction between the biology of individuals, populations and communities, the composition and properties of seawater and the physical processes that transport seawater and its contents.** Throughout the degree, there is a strong emphasis on marine sustainability and ecosystem management, marine biogeochemistry, the climate system and numerical skills. Training in the field at sea, and in the laboratory in Years One, Two and Three will provide you with practical experience of data collection and processing, analysis and interpretation, the essential skills required to be a successful marine scientist.

Mathematics with Ocean and Climate Sciences BSc (Hons)
UCAS code: G1F7
Programme length: 3 years

Predicting climate and climate change is a major challenge facing the scientific community. The oceans regulate the climate of the planet through storing and transporting heat as well as modifying properties of the overlying atmosphere. Complex issues such as climate change and sea level rise can only be understood if the role of the ocean and atmosphere is fully appreciated. **This degree provides an understanding of how the ocean and atmosphere operate in the climate system, as well as offering a strong grounding in mathematics.** It is offered in collaboration between the Department of Mathematics in the School of Physical Sciences and the internationally renowned National Oceanography Centre in Liverpool, providing excellent preparation for careers in computer modelling in oceanography, meteorology or environmental monitoring.

Earth Sciences entry route leading to BSc (Hons) (4-year route including a Foundation Year at Carmel College)
UCAS code: F608
Programme length: 4 (1+3) years

This programme provides a route into a number of BSc (Hons) degrees in Earth or Ocean Sciences; it is especially suitable for students without a strong background in science. You will follow a Foundation Year at Carmel College (St Helens, nine miles from the University of Liverpool), where the class sizes are small and the standards of academic achievement high.
Philosophy

Part of the School of the Arts, the Department of Philosophy is an exciting place to work and study. Staff and students together create an environment where critical, independent thinking flourishes, in a city which has a long tradition of welcoming radical thinkers and philosophers. Our friendly, down-to-earth atmosphere makes the exchange of ideas enjoyable, as well as intellectually stimulating.

Studying Philosophy at Liverpool is constantly interesting because of the range of modules we cover, if you find you’ve been working too much on one topic then you can switch to a completely different one to refresh. Whatever path I take in my career, this degree has given me a meditative approach, and I have learnt not to take anything at face value.

Andrew Davies
Philosophy BA (Hons)

Good to know:

95
Year One undergraduates in 2016

100% of students said staff are good at explaining things (NSS 2016)

95% of our students find their programme ‘intellectually stimulating’ (NSS 2016)

86% are employed or in further study within six months of graduating (Destination of Leavers from Higher Education 2014/15)

Offers study abroad opportunities

Offers a Year in China

Offers Honours Select combinations
Why choose Philosophy at Liverpool?

Be challenged intellectually
You will be taught by internationally recognised philosophers with research expertise that spans most of philosophy’s breadth and history. Our enthusiastic teaching reflects this research excellence, and is further demonstrated in our very high National Student Survey (NSS) scores. In all sessions, you will be encouraged to share your perspective with your fellow students and tutors.

Experience the full breadth of our academics’ expertise
Members of the Department are actively researching and publishing in a variety of fields with national and international reputations. This research activity underpins all our taught courses, and students benefit from the expertise and enthusiasm of staff for their subject. We are proud of the breadth of our research, which includes Ancient Philosophy, Environmental Philosophy, Metaphysics, Philosophy of Language, Philosophy of Mind, Philosophy of Religion, Ethics, Political Philosophy, Philosophy of the Future, Philosophy of Literature, and Indian Philosophy.

Develop the vital skills employers look for
Philosophy is all about being able to weigh up arguments, to communicate your own opinion persuasively, and to respond thoughtfully to objections. Employers value philosophy because any graduate-level job will require the employee to be able to sift through a large mass of information to find the relevant parts, weigh up the arguments for and against a particular view or course of action, and present advice in a clear and compelling manner. From Year Two, we offer students the chance to gain invaluable experience through our work experience and study abroad opportunities. Besides taking our dedicated work experience module, many of our students are involved in activities within the University or work locally with the support of our award-winning careers service.

Be part of a city with a reputation for philosophical thought
Philosophy comes alive in Liverpool and we have a tradition of active engagement with the wider life of our city. You will be able to get involved in many activities.

Study abroad
As part of your degree programme you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Philosophy students may currently apply to study at one of our many worldwide partners. For more information, see www.liverpool.ac.uk/goabroad

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Year in China

The Year in China is the University of Liverpool’s exciting flagship programme giving undergraduate students from a huge range of departments, including Philosophy, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future

Graduates in Philosophy obtain work in such fields as advertising, the arts, broadcasting, commerce, the Civil Service, computing, journalism, marketing, politics, law, management, and teaching. You have the opportunity during your degree for a placement with an appropriate partner where you can apply your academic learning to practical contexts and develop a range of skills attractive to future employers.

How you learn

In studying philosophy you will learn how to defend your views with reasoned arguments, and to assess the arguments of others. Argumentative skills are learned through attending lectures and reading philosophical texts, developed by group seminar discussions, and formally assessed through essays and exams.

You complete modules to the value of 120 credits per year, from a wide range of options available. Most modules employ a blend of lectures, seminars and online support materials. You will learn by reading and studying outside class time, by attending and participating in classes, by doing coursework and, for dissertations, via one-to-one meetings with a supervisor. There is also scope, both formally in the Placement Module and informally, for you to develop practical skills by volunteering.

Philosophy employs a mixture of modes of assessment: exams and coursework in many different varieties – essays, oral presentations, dissertations, exercises, and supported independent work (eg in the Placement Module).
### Degrees

<table>
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<tr>
<th>Course</th>
<th>Typical Offer</th>
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<tr>
<td><strong>Philosophy BA (Hons) V500 3 years</strong></td>
<td><strong>A level</strong> × □ <strong>IB</strong> × □ <strong>BTEC</strong> × <strong>Page</strong></td>
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<td></td>
<td>ABB × □ 33 × □ Applications considered × □</td>
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| **Mathematics and Philosophy BA (Joint Hons) GV15 3 years** | **A level** × □ **IB** × □ **BTEC** × **Page**                                 |
|                                                             | ABB × □ 33 × □ Applications considered × □                                     |

| **Philosophy, Politics and Economics BA (Hons) L0V0 3 years** | **A level** × □ **IB** × □ **BTEC** × **Page**                                 |
|                                                             | ABB × □ 33 × □ Applications considered × □                                     |

GV15 requires A level Mathematics at grade A. L0V0 requires A level Mathematics at grade B. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ. Please note that any Honours Select programmes which have a Management, Law or Sociology component will not accept the EPQ.

- BBB offer with an A in EPQ.
- 33 overall with no score less than four.
- BTEC applications are encouraged. We evaluate each BTEC application on its merits and may make offers at DDM, with 100 out of 180 credits at Distinction.
- ABC offer with the A in Mathematics and an A in EPQ.
- 33 overall with Mathematics at Higher 6 and no score less than four.
- With two subjects at Higher 6 (including Mathematics) and one at Higher 5.

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Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
God. Morality. Mind. Reality. Art. If you want to spend three years engaging with some of the biggest and hardest questions with which humanity has ever grappled then Philosophy BA (Hons) is the degree for you. The expert staff of the Department of Philosophy will help you develop your own answers to these great questions through a mixture of lectures on the answers given by great philosophers of the past and present, and seminars aimed at facilitating interaction between student and student, and student and teacher.

By the end of this programme, you will be able to understand complex and demanding texts, reason intelligently and imaginatively about ethical, metaphysical, and epistemological issues, and have a grasp of the advantages and problems of a wide range of metaphysical and ethical views.

Philosophy Joint

Philosophy goes well with every subject, for the simple reason that philosophy touches every subject, inquiring into its nature, methods, and boundaries. Also, some aspects of philosophy — eg the theory of knowledge — are relevant to every subject. Philosophy presents a theoretical contrast to practical or vocational subjects, and gives you the opportunity to look deeper into the presuppositions of a theoretical subject.

Philosophy Minor

You take two philosophy modules each year, one in each semester. In every year you may select the most appropriate modules from a wide choice, dealing with philosophical questions, such as theory of knowledge or philosophy of mind, or discussing particular philosophers or philosophical movements, such as existentialism or Indian philosophy (Reading and Writing Philosophy and the dissertation module are not available).

Specialist routes:
- Ethics and Political Thought
- Logic and Metaphysics
- Metaphysics and Mind
- Arts and Aesthetics

Mathematics and Philosophy BA (Joint Hons)

What are numbers? Do they exist? How can we know about them if they are not to be found in the familiar world of space and time that we inhabit? These are just some of the philosophical questions raised by the study of mathematics. The relationship runs the other way too: mathematics has helped formalise the study of logical argument that lies at the base of all good philosophy. So it is no surprise that some of the greatest philosophers (for example, Descartes, Leibniz, Frege and Russell) have been mathematicians too.

Philosophy, Politics and Economics BA (Hons)

Philosophy, Politics and Economics has been a degree in demand for ninety years. It has often been viewed as the ideal preparation for public life, understanding politics, finance and their philosophical underpinnings. The degree programme around Britain has produced Prime Ministers of the UK and Australia and US President Bill Clinton. If you have broad interests in what is going on in government, society, the markets and whether what’s going on ought to be going on, then this is the degree for you.

Available as part of Honours Select. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.
Physics

We are one of the UK’s leading centres for physics research, with a history of discovery that goes back over 130 years. We are internationally known for our work in particle physics, nuclear physics, condensed matter physics and accelerator physics and as a student, you will be immersed in our research environment from the start.

You get to find out answers to how the world works that most people would probably never know. What’s most surprised me about my programme is how wide-ranging it is, we’ve covered all sorts of areas of physics from relativity on the very large scale to quantum mechanics on the very small.

Amelia Ross
Physics BSc (Hons)

Good to know:

86
Year One undergraduates in 2016

93%
of our students are employed or in further study within six months of graduating (Destination of Leavers from Higher Education 2015/16)

98%
of the students found their programme “intellectually stimulating” (NSS 2016)

Offers study abroad opportunities

Offers a Year in China
Why choose Physics at Liverpool?

Be part of a supportive community working together to do great science
Our open-door approach enables us to offer you a friendly and supportive learning environment.

Create a degree to suit you
In each of the programmes you will explore and apply fundamental principles that underpin modern physics. From electrodynamics and semiconductors to the startling conclusions of relativity and quantum mechanics. You can tailor your course to reflect your ambitions, with degree options ranging from Astrophysics to Nuclear Science, including four-year MPhys or three-year BSc courses. We realise that you may still be deciding which aspects of physics are of the most interest to you. Our programmes are designed to be flexible and allow the transfer of students up to the end of Year Two between any of the physics programmes. All of our degrees are informed by the research we do and taught by world experts in their fields.

Prepare for your professional career
All of our BSc and MPhys programmes are accredited by the Institute of Physics. Both the Physics with Nuclear Science and Physics with Radiation Protection courses are designed to provide skill sets necessary for the growing industrial and environmental careers related to nuclear science. The Physics with Medical Applications course is designed for those look to work within the health care area. The skills developed in all physics courses can be applied in many careers and you will have many options after graduating.

Be at the forefront of modern physics
Our internationally renowned academics carry out, and often lead, research on three continents using state-of-the-art instruments developed and built in the Department. Working alongside them there are opportunities to carry out projects at the LHC at CERN and in many international and national research centres in the USA, Canada, Japan, Korea and many European countries.

Learn in our award-winning facilities
Our facilities are second to none; in particular our £23 million state-of-the-art Central Teaching Laboratories have transformed the way in which Physical Sciences are taught at the University. We also offer spacious, well-equipped research laboratories, a new projects laboratory and a powerful supercomputer. In-house facilities include the Materials Innovation Facility (opened in 2017), Liverpool Semiconductor Detector centre, the Stephenson Institute for Renewable Energy, Cockcroft Institute of Accelerator Science and Technology, the Surface Science Research Centre and both nuclear instrumentation and magnetism laboratories.

Study abroad
Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Students on the four year programmes can currently apply to one of our many worldwide partners including Canada, America, Hong Kong, Australia or New Zealand. For more information visit www.liverpool.ac.uk/goabroad where all of our partner institutions are listed.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Physics, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See [www.liverpool.ac.uk/yearinchina](http://www.liverpool.ac.uk/yearinchina) for more information.

Your future
Physicists are trained to solve a wide range of problems, that’s why graduates have gone on to explore careers in such diverse areas. Physics graduates are currently among those earning the highest starting salaries in the UK, according to latest figures, and our graduates enjoy excellent opportunities for careers in research, industry, computing, teaching, business and finance.

How you learn
Lectures introduce and provide the details of the various areas of Physics and related subjects. You will be working in tutorials and problem-solving workshops, which are another crucial element in the learning process, where you put your knowledge into practice. They help you to develop a working knowledge and understanding of Physics. All of the lecturers also perform world class research and use this to enhance their teaching.

Most work takes place in small groups with a tutor or in a larger class where staff provide help as needed. Practical work is an integral part of the programmes, and ranges from training in basic laboratory skills in the first two years to a research project in the third or fourth year. You will undertake an extended project on a research topic with a member of staff who will mentor you. By the end of the degree you will be well prepared to tackle problems in any area and present yourself and your work both in writing and in person. In the first two years students take Maths modules which provide the support all students need to understand the physics topics.

Research opportunities
There are research projects available at international research facilities in, for example, Vancouver, Grenoble or CERN for MPhys students in the summer between their third and fourth year. Other project placements are sponsored by our industrial partners and based either at their companies or at the University.

Which degree?
The overall programme structure is very flexible, all of the Physics degrees have Institute of Physics accreditation. The core material is covered in the first two years and then students will have a wider range of options and considerable flexibility to transfer between programmes. You can take the general Physics degree or you can specialise in one of the many fields of science based on Physics. The three-year BSc (Hons) programmes provide an excellent foundation in Physics. The four-year MPhys programmes go into greater breadth and depth and are designed for students aiming for a professional career in Physics.
<table>
<thead>
<tr>
<th>Degrees offered with other departments</th>
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<tbody>
<tr>
<td>Geophysics (Physics) BSc (Hons) F656 3 years</td>
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<tr>
<td>Geology and Geophysics MESc (Hons) F641 4 years</td>
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<tr>
<td>Geophysics (Geology) BSc (Hons) F640 3 years</td>
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<tr>
<td>Geophysics (North America) MESc (Hons) F660 4 years</td>
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<tr>
<td>Physics and Mathematics BSc (Joint Hons) FG31 3 years</td>
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<tr>
<td>Mathematical Physics MMath FGH1 4 years</td>
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<tr>
<td>Theoretical Physics MPhys F344 4 years</td>
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<tr>
<td>Ocean Sciences (Physics pathway) BSc (Hons) F700 3 years</td>
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<tr>
<td>Ocean Sciences (Physics pathway) MOSci (Hons) F710 4 years</td>
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</tbody>
</table>

All programmes (except F308) require Physics and Mathematics at A level or equivalent. For applicants from England, where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the science practical in each subject will be required. All Physics students will have the option to apply to transfer to an MPhys Physics with Education (with recommendation for QTS) degree during Year Two. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.

- BBB offer with an A in EPQ.
- ABB offer with an A in EPQ.
- Students can apply for this programme at the end of Year Two.
- Foundation programmes have flexible entry requirements. Contact E: degree@carmel.ac.uk for details.
Physics BSc (Hons)
UCAS code: F300
Programme length: 3 years
Physical is the most fundamental of the sciences. New concepts, such as Quantum Mechanics and Relativity, are introduced at degree level in order to understand nature at the deepest level. These theories have profound philosophical implications because they challenge our view of the everyday world. At the same time they have a huge impact on society since they underpin the technological revolution. While studying one of the most intellectually satisfying disciplines, you will acquire transferable skills including numeracy, problem solving, an ability to reason clearly and communicate well.

Physics degrees are highly prized in the flexible labour market of today and our graduates have excellent career opportunities in academic research, industrial research and development, teaching, computing, business and finance.

Physics MPhys
UCAS code: F303
Programme length: 4 years
This programme is intended for those considering a career as a professional physicist in fundamental research or industrial research and development. It covers a wider range of topics than the Physics BSc and provides more research experience. The Department has an excellent track record of securing PhD studentships and, as a consequence, our graduates have a good opportunity to study higher degrees spanning the whole of Physics. The research-led teaching will provide a core of experience that will make you an excellent researcher and also prepare you to excel in many other professions.

Physics with Astronomy BSc (Hons)
UCAS code: F3F5
Programme length: 3 years
A degree in Physics with Astronomy gives students a wide appreciation of the varied astronomical phenomena in the physical Universe. From the formation, evolution and deaths of stars – involving planetary systems, nucleosynthesis and supernovae – through structure of galaxies to the evolution of the Universe itself, the degree structure introduces the Physics involved in the cosmos. At the end of the second year the week-long field trip to the Teide Observatory in Tenerife introduces students to professional observatories. Offered in conjunction with the Astrophysics Research Institute at Liverpool John Moores University, the three-year Physics and Astronomy degree will equip students with skills relevant for jobs in a wide range of careers, from education, finance and the city to industry.

Astrophysics MPhys
UCAS code: F521
Programme length: 4 years
An Astrophysics degree has the unique potential to provide students with an understanding of the most up-to-date discoveries in the Universe. During the programme, students will be introduced to all aspects of Physics and Astronomy from Quantum Mechanics to Cosmology. In the second year, there is a week-long field trip to the Teide Observatory in Tenerife, where students make astronomical measurements at a professional observatory. Offered in conjunction with the Astrophysics Research Institute at Liverpool John Moores University, the four-year Astrophysics degree will equip students with skills relevant for further study of the universe at postgraduate research level as well as for jobs in a wide range of careers.
Physics with Medical Applications BSc (Hons)
UCAS code: F350
Programme length: 3 years

Physics research is helping us to live longer, healthier lives. It is helping us to develop new cures for disease and new ways to quickly diagnose health problems. For example, particle beams and detectors used in Physics research have led to the development of proton cancer therapies and new diagnostic imaging technologies. **Combining the study of Physics and selected topics in medical applications, this programme provides skills such as numeracy, problem solving, reasoning and communication that are attractive to the general employer, and it is an excellent preparation for a career in Medical Physics.**

Physics with Nuclear Science BSc (Hons)
UCAS code: F390
Programme length: 3 years

This programme offers the study of Physics and selected topics in Nuclear Science and provides an excellent preparation for a career in the Nuclear Related Industries. There are links with many parts of the nuclear industry including those involved with decommissioning and homeland security. Staff from these institutions will be involved in the project work. The programme comprises modules in common with the Physics programme (including Mathematics support).

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Physics with Radiation Protection BSc (Hons)
UCAS code: F351
Programme length: 3 years

This programme offers the study of Physics and selected topics in Radiation Protection. The programme provides an excellent preparation for a career in the industries requiring Radiation Protection Professionals. There are links with many parts of the nuclear industry including those involved with decommissioning and homeland security, plus the health service, government bodies, and emergency services.

Staff from these institutions will be involved in the project work. The programme comprises modules in common with the Physics (F300) programme (including Mathematics support).

Physics for New Technology BSc (Hons)
UCAS code: F352
Programme length: 3 years

This degree offers a programme in Physics with particular emphasis in Year Three on applied topics. The area of Engineering provides a module in the Management of Research and Development. This covers managing the process of technological innovation, new product innovation and managing the translation of innovation into manufacture. There are also extensive opportunities to work on projects of direct relevance to industry. The programme is intended for students who are less interested in the mathematical aspects of Physics.

Physics with Education MPhys
UCAS code: N/A. Students can apply at the end of Year Two
Programme length: 4 years

The University of Liverpool is one of the first universities in the UK to offer undergraduate students the opportunity to complete a Master in Physics with Education (with recommendation for QTS) degree programme, satisfying the criteria to become a Physics teacher. This unique degree programme is part of a joint degree enabling students to qualify with the necessary skills, experience and qualifications to teach in England after their graduation. We pride ourselves on the flexibility we offer with our degree programmes and any physics undergraduates interested in doing this degree only need to confirm if they want to do MPhys degree with Education by the end of Year Two.

Physical Sciences entry route leading to BSc (Hons) (4-year route including a Foundation Year at Carmel College)
UCAS code: F308
Programme length: 4 (1+3) years

This programme offers a four-year route to the BSc (Hons) degree programmes offered by the Department of Physics. You follow the Foundation Year at Carmel College, St Helens, about nine miles away from the main University campus. It offers small class sizes and high academic standards. You then opt to follow any of the Physics programmes.
Planning

Liverpool was the world’s first Planning School, founded in 1909, and we remain one of the most innovative and forward-looking. Planning at Liverpool will introduce you to the grand challenges society faces in the 21st century. Reconciling growing pressures for development with the need to protect the environment and achieve greater social equity requires the interdisciplinary skills of planners. Studying planning at Liverpool will enable you to be part of the solution to meet these challenges head-on.

From a planning perspective, it is great to study this programme in Liverpool as the city is constantly changing and various regeneration schemes provide the perfect backdrop to my studies. The best part is how the programme has been structured to cater for those entering the planning sector through its practical approach, on projects such as creating our own fictional neighbourhood plans, which are akin to the nature of the work that we will do in jobs within the planning sector. This along with the Royal Town Planning Institute accreditation will provide me with the necessary skills I need for my future career.

Akwesi Osei
Town and Regional Planning MPlan
Why choose Planning at Liverpool?

Set the foundations for your career in our world-leading Planning School

We are internationally recognised as a Centre of Excellence and innovation in planning education. All of our programmes benefit from the expertise of our academic staff who are leading global discussions in spatial planning, planning economics, marine planning, and environmental assessment and management. This means you will benefit from research-led teaching, bringing the latest planning theory and practice into the classroom. Within the Department we also edit two respected peer reviewed academic journals (Town Planning Review and Impact Assessment and Project Appraisal) and host the Centre for Sustainable and Resilient Cities, and the Environmental Assessment and Management Centre. All of this means you can be confident that your learning is at the forefront of the discipline.

Take inspiration from planning in practice in our dynamic city location

Liverpool City Region offers excellent opportunities to study planning in practice and the application of cutting-edge practices in tackling the challenges of urban regeneration and environmental management. Developments like Liverpool Waters, the regeneration of Anfield and the Atlantic Gateway scheme make Liverpool an ideal place to study planning.

Broaden your understanding through our interdisciplinary links

All our programmes are interdisciplinary and draw upon strong teaching and research links with Geography, Sociology and Environmental Science. These links will help you to see planning in context and gain important transferable skills. Our dual honours BA Geography and Planning programme also enables you to combine these two disciplines in one degree.

Take advantage of our excellent employer links

Through our accredited programmes we have strong links with professional bodies. Our MPlan programme is accredited by the Royal Town Planning Institute (RTPI) and our BA Environment and Planning programme is accredited by the Institute of Environmental Management and Assessment (IEMA). We also work with the Town and Country Planning Association (TCPA) and have close working relationships with Local Planning Authorities, planning consultancies, developers and a wide range other organisations throughout the North West, nationally and internationally. These links ensure that we tailor our programmes to the needs of the profession, but also that our students are able to develop their employability and build relationships that will be extremely valuable in their future careers.

Explore planning practice around the world and in the UK

At Liverpool you will benefit from an internationally focused curriculum that brings together theory and practice from around the world, including Europe, North America, India and China. You will also meet practitioners and undertake real life place-based projects in each year of study, many of which are client-led and are used to inform future development within the region. Field classes are also an integral part of each year and enable you to gain first-hand experience of planning issues and policies in the UK and internationally.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Our Chinese connection
China’s cities are growing more quickly than anywhere else in history, which makes it a fascinating case study in urban and environmental planning, and provides an excellent opportunity for us to share our knowledge with Chinese planning students participating in an exchange with Liverpool. Thanks to our links with Xi’an Jiaotong Liverpool University (XJTLU), our sister institution in Suzhou, China, our students and staff gain from the opportunity to share experiences and learn directly about planning in a different context and culture.

Study abroad
As part of your planning degree programme you may have the opportunity to study abroad, for example at the University of Illinois at Urbana-Champaign, USA, and the University of Waterloo, Canada. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. For more information visit www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Planning, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

How you learn
Planning education has an important vocational focus and in Liverpool we consider a real world connection to be extremely important. Our students gain a broad understanding of planning, from the ways in which towns and cities have evolved and are being reshaped to meet the challenges of the 21st century to the effects of planning on the environment and planning’s role in urban regeneration.

To do this we have designed varied programmes of study with a range of teaching styles. You will ‘learn by doing’ through place-based projects and field classes as well as be introduced to real-life examples from around the world. Our programmes also include specialised training in Geographic Information Systems, mapping and urban design. Together these approaches ensure that you gain valuable transferable skills whilst studying with us.

Please note: a number of the Department’s programmes involve laboratory and field work. The field work is carried out in various locations, ranging from inner city to coastal and mountainous environments. We consider applications from prospective disabled students on the same basis as all other students, and reasonable adjustments will be considered to address barriers to access.

Which degree?
We offer three planning programmes as well as a combined geography and planning programme. Our three-year BA (Hons) programmes in Environment and Planning and Urban Regeneration and Planning are designed for those who wish to pursue a broad planning degree with an environmental or urban theme. While our Geography and Planning programme blends the problem-solving nature of planning with an understanding of geographical concepts.

The four-year Town and Regional Planning (MPlan) programme provides students with an in-depth understanding of the practice of planning and its context, and enables students to fast track into the planning profession.

During Years One and Two students can transfer between the programmes as they become more aware of their own interests and career objectives, and students on all three of our BA programmes can transfer onto the four-year RTPI accredited MPlan in Town and Regional Planning.
Degrees

<table>
<thead>
<tr>
<th>Degree</th>
<th>A level</th>
<th>IB</th>
<th>BTEC (Level 3 Extended Diploma)</th>
<th>Page</th>
</tr>
</thead>
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<td>BBB</td>
<td>30</td>
<td>DDD in relevant diploma</td>
<td>265</td>
</tr>
<tr>
<td>Town and Regional Planning MPlan K400 4 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>265</td>
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<tr>
<td>Urban Regeneration and Planning BA (Hons) K430 3 years</td>
<td>BBB</td>
<td>30</td>
<td>DDD in relevant diploma</td>
<td>265</td>
</tr>
<tr>
<td>Geography and Planning BA (Hons) L7K4 3 years</td>
<td>ABB</td>
<td>33</td>
<td>D*DD in relevant diploma</td>
<td>265</td>
</tr>
</tbody>
</table>

Degrees offered with other departments

Environmental Science BSc (Hons) F750 3 years See Environmental Science 142

For applicants from England, where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the science practical in each subject will be required. This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants with an EPQ will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ. Applicants who have been out of full-time education for some time or who are offering alternative qualifications will be considered on a case by case basis.

BBC offer with an A in EPQ.
BBB offer with an A in EPQ.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Environment and Planning BA (Hons)
UCAS code: K4L7
Programme length: 3 years

This degree gives students a full understanding of the main environmental challenges of the 21st century and provides our students with the skills base to help address them. Students gain a rounded understanding of the factors and forces that are shaping the environment and the role that planning can play in reconciling conflicting interests. Attention is focused on approaches adapted to the protection and enhancement of natural and built environments in a rapidly changing world. An interdisciplinary approach to study provides learning opportunities that draw upon the expertise of academics in Planning as well as academics in Geography, Sociology and Architecture. This programme provides accreditation from the Institute of Environmental Management and Assessment (IEMA).

Town and Regional Planning MPlan
UCAS code: K400
Programme length: 4 years

The Town and Regional Planning MPlan programme is designed for those who wish to pursue a professional career in urban, regional and environmental planning in the UK or abroad. The programme enables students to complete a Royal Town Planning Institute (RTPI) recognised qualification in four years and to meet the RTPI’s spatial and specialist accreditation requirements.

Urban Regeneration and Planning BA (Hons)
UCAS code: K430
Programme length: 3 years

Students gain a rounded understanding of the factors and forces that are shaping urban areas and the role that planning can play in reconciling conflicting interests. Attention is focused on approaches adapted to the regeneration of urban areas. An interdisciplinary approach to study provides learning opportunities that draw upon the expertise of academics in Planning as well as academics in Geography, Sociology and Architecture.

Geography and Planning BA (Hons)
UCAS code: L7K4
Programme length: 3 years

Students gain an in-depth understanding of the theoretical and practical aspects of both geography and planning. Consideration across the two complimentary disciplines includes the study of 21st century challenges, the ways that rural and urban areas adapt to economic, social and environmental change as well as other geographic and spatial issues. An interdisciplinary approach to study provides learning opportunities that draw upon the expertise of academics in both Planning and Geography as well as Sociology and Architecture.
Politics

Political decisions affect pretty much every area of your life. By studying politics, you’ll find out about the theories and practices of power and governance, from local up to international level. Taught by experts who regularly appear in the media to share their expertise, you will learn a range of valuable skills that enable you to explore a number of careers. Choose Politics at Liverpool and you’ll benefit from innovative research-led teaching in a friendly and supportive environment. Here, we encourage you to shape your own degree to suit your interests and career aspirations. You will also have access to our extensive academic and industry networks to boost your employability through exciting placements and study abroad opportunities.

As I wanted to study a Joint Honours degree, Liverpool really appealed to me as the Honours Select scheme was the most flexible and attractive out of all the universities that I looked at. I like how varied the modules are. Although you are very much thought of as an independent learner, the staff here really want you to get the best out of your degree and are always there to help when you need it.

Leah Heath
Politics and English BA (Hons)

Good to know:

177
Year One undergraduates in 2016

93%
of our students say staff are good at explaining things (NSS 2016)

93%
of our students say they are satisfied with their programme (NSS 2016)

Offers study abroad opportunities

Offers a Year in China

Offers Honours Select combinations
Why choose Politics at Liverpool?

Build your degree to reflect your interests
At Liverpool you’ll get genuine diversity in the range of modules we offer with themes focused at national and international levels. Our programmes provide you with a solid foundation of political studies in the first year and we’ll then encourage and guide you to choose modules to develop your own specialist interests.

Strengthen your employability skills for a wide-range of careers
We realise that you may not have decided what career to pursue, or you may change your mind. Our programmes are developed with a broad range of employers and industries in mind and the extensive critical, communication and research skills you will gain mean that our recent graduates have found success in diverse areas such as broadcasting, journalism, the civil service, government, marketing, public relations and academia.

Learn from research-active staff
The study of Politics focuses on power, citizenship, authority, conflict and cooperation in the world around us. You’ll explore theory and develop an understanding of historical, current and future developments. Study at Liverpool and immerse yourself in an environment where all your lecturers are actively researching and publishing in their specialist fields, with national and international reach.

Take placements to enhance your experience
We will support you to apply for work placements to complement your studies and prepare you for the workplace. At Liverpool, we offer a range of placements including international exchange programmes at one of our partner universities and a really exciting opportunity to secure a placement with an MP at Westminster. You will also benefit from our ‘Europe and the World Centre’ – a recognised European ‘Centre of Excellence’ which specialises in relations between Europe and the rest of the world.

Study abroad
As part of your Politics degree programme you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Politics students can currently apply to study at universities in the USA, Canada, Australia, New Zealand and many others. For more information, see www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Politics, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Your future
Our graduates enjoy successful careers in a range of professions, including broadcasting, marketing and public relations, teaching in universities, colleges and schools, management, government (local, national and European), journalism and the civil service. Former graduates include a member of parliament, an assistant chief constable, the secretary of the UK National Trust, a barrister, a partner in a New York-based advertising company, a Westminster-based political consultant, a features writer for The Independent and the news editor of a music weekly. They also include a human resources manager for Dell and a representative on the British Council’s mission abroad.

How you learn
All students are taught study skills, including essay writing and information literacy, as part of their first year programme.

Honours Select
Politics combines very well with many other subjects: History, European Languages, Law, Philosophy and Communication and Media, to name just a few subjects.
This flexible and broad programme explores the different approaches to political science in a range of national and international settings. You will explore political ideas, systems and processes and you will learn how to collect data, develop knowledge and construct arguments. We place particular emphasis on developing your communication skills. You will be introduced to the building blocks of political studies, and no prior specialist knowledge is required.

Based on academic performance, third year students studying Politics at Single Honours or as a Major may apply to take part in the Parliamentary Placement Scheme.

The placement will be fully assessed through a combination of a reflective diary and a long essay, and will develop key skills and subject knowledge and increase employability. Further details of the Parliamentary Placement Scheme are available at www.liverpool.ac.uk/politics/study/undergraduate/westminster-parliamentary-placement-scheme/
Politics Minor

Studying Politics lets you explore different approaches to political science in a range of national and international settings. Students taking the Minor programme add a strong social science dimension to their degree and will find that this is complementary to work across Humanities and Social Sciences disciplines. You will explore political ideas, systems and processes, learn how to collect data, develop knowledge, construct arguments and enhance your communication skills. No prior specialist knowledge of Politics is required.

International Politics and Policy BA (Hons) UCAS code: L240

Programme length: 3 years

Studying International Politics brings a focus on power, authority, citizenship, conflict and cooperation in the world around us. Current international trends are interpreted in historical perspective yet with a view to future directions and likely developments. Politics affects all our lives and with a deeper understanding you can join in conversations that address key issues.

International Politics and Policy Joint

Students doing the 50% programme are ideally positioned to connect with a wide range of other disciplines, including History, Business, Languages, Law, Communication Studies, Philosophy, Criminology and Sociology. You will explore international political ideas, systems and processes and learn how to collect data, develop knowledge and construct arguments. This knowledge and skill-set will maximise your opportunities for an international career.

International Politics and Policy Minor

Students on the Minor programme will be able to give a strong international dimension to their Major studies in any of the available Humanities and Social Sciences subjects.

Politics and International Business BA (Joint Hons)

UCAS code: LN21
Programme length: 3 years

This programme takes advantage of the combined expertise of staff in Politics and in the University of Liverpool Management School and explores the links between Politics and International Business. You will be given a broad introduction to key theoretical and analytical approaches to understanding the relationship between Politics and International Business and will apply these approaches to everyday settings. Themes such as globalisation, internationalisation and aspects of economic governance will be explored. The international emphasis of this programme is unique and distinct from the alternative combination of ‘Politics and Business’, offered through Honours Select. Please note: students on this programme can’t adapt part of their degree at the end of Year One, as may be offered through the Honours Select combinations.
Psychology
Psychology at Liverpool offers you professionally accredited, flexible, research-driven programmes of study. Our extensive academic and industry networks mean you can experience the practical application of psychology through visiting practitioner speakers, and hear first-hand the latest leading research breaking new ground in the discipline.

I have been surprised at the large network the University has, allowing students to meet people who may be able to aid their careers in the future and I have gained lots of relevant experience through University-run schemes allowing students to help conduct their own research. Studying here has helped me determine which aspects of psychology I am more passionate about and I am planning to complete a master’s degree here at the University of Liverpool.

Treena Bhakta
Psychology BSc (Hons)

Good to know:

418
Year One undergraduates in 2016

94.1%
are employed or in further study within six months of graduating (Destination of Leavers from Higher Education 2014/15)

FIVE
We received five commendations for high quality teaching following our BPS accreditation visit (2013)

Offers study abroad opportunities

Offers a Year in China

*Accredited by the British Psychological Society annually.
Enjoy a flexible future
On graduation, 94% of our students go straight into work or further study and our British Psychology Society (BPS) accreditation satisfies the requirements for either. Successful graduates may be offered a postgraduate place here at Liverpool enabling you to continue to build your career specialism.

Prepare for your professional career
You, and your future employers, can be reassured by the fact your programme is accredited by the BPS. You’ve covered the BPS criteria by the end of the second year, offering you the flexibility to really focus on your key areas of interest in Year Three.

Explore your career options with potential future employers
Your programme is informed by an extensive network of professional contacts and potential employers, helping ensure it prepares you for the workplace. Guest practitioner lecturers also help you clarify your future career direction.

Learn from active research leaders
You’ll be studying in a department which is home to some of the world’s leading academic experts, research centres and laboratories, providing opportunity for learning about, and participation and collaboration in ground-breaking research. Our Year Two Research Internship Scheme offers you the opportunity to work alongside researchers to support study design, data collection and analysis, and preparation of manuscripts.

Study abroad
As part of your Psychology degree programme you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Psychology students can currently apply to study abroad at the University of Padova, Italy as well as a number of worldwide partners. For more information, visit www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Psychology, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Your future
A degree from Psychology is valuable in many sectors such as public relations, personnel, advertising, marketing, retail, teaching, social work, finance, politics and sports. Importantly, our degrees are accredited by the British Psychological Society as conferring eligibility for Graduate Basis for Chartered Membership, providing a minimum standard of qualification of Second Class (Honours) is achieved. A Psychology degree from the University of Liverpool can therefore be the necessary stepping stone towards becoming a professional or chartered psychologist working as a counsellor or as a clinical, occupational or educational psychologist, and large numbers of our graduates have used it as the foundation for further postgraduate research and practice.

Around 69% of our graduates are involved in health related, social, public service, commercial, retail or financial employment within six months following graduation. About 25% of our graduates go on to postgraduate study and training – many within other leading research institutes as well here at Liverpool.

How you learn
Our undergraduate programme is taught using a balanced mix of lectures, seminars and tutorials and practical laboratory sessions. Students are encouraged to work in small groups from the beginning of the programme and some of the practical work in Year Two is done as teamwork.

The Year Three research project is done either individually or in groups of three at the most. The modules in each year must be passed in order to progress to the next year of study. The final degree classification is calculated from grades obtained in Years Two and Three. The weighting between second and third years is 30/70%. Assessed work, including essays, case studies, oral presentations, group work, and experimental reports, together with examination results contribute to the final degree classification.
Degrees

<table>
<thead>
<tr>
<th>Programme</th>
<th>A level</th>
<th>IB</th>
<th>BTEC (Level 3 Extended Diploma)</th>
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<tr>
<td>Psychology BSc (Hons) C800 3 years</td>
<td>ABB①</td>
<td>33</td>
<td>DDD in relevant diploma③</td>
<td>277</td>
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<tr>
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<td></td>
<td></td>
<td></td>
<td>277</td>
</tr>
<tr>
<td>Psychology MPsycholSci (Hons) C804 4 years ③</td>
<td>AAA③</td>
<td>36</td>
<td>D<em>D</em>D in relevant diploma⑤</td>
<td>277</td>
</tr>
</tbody>
</table>

C800 and C804 require one science A level, two science A levels are preferred and may lead to a lower offer. Examples of a science A level include: Psychology, Biology, Chemistry, Physics, Economics, Statistics, and Mathematics. GCSE Maths and English grade B/6 are also required. For detailed information on our entry requirements please see our website.

This Department accepts the Extended Project Qualification (EPQ) where students are taking this in addition to A levels. Applicants who offer an EPQ, and meet our offer criteria, will be given a standard offer for the programme of their choice and an alternative offer which will be one grade lower plus an A grade in EPQ.

① BBB offer with an A in EPQ.
② DDD with 120 out of 180 credits at Distinction.
③ This programme is aimed at non-traditional students who are able to demonstrate literacy and numeracy skills and demonstrate the motivation and commitment needed to complete a four-year programme in Psychology. Details available from Wirral Metropolitan College at T: +44 (0)151 551 7777 or E: wmc.enquires@wmc.ac.uk
④ AAB offer with an A in EPQ.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
Psychology BSc (Hons)
UCAS code: C800
Programme length: 3 years

Our programme draws on our research excellence and our focus on transferable skills means a Psychology degree from Liverpool will be suitable for a wide range of career choices. The degree is accredited annually by the British Psychological Society and provides Graduate Basis for Chartered Membership, making it an excellent platform for postgraduate study. In Year Three students are able to choose from a variety of specialist modules in a range of subject areas (eg Clinical, Forensic etc.). Entry to the undergraduate degree programme is available to applicants with a wide array of qualifications and backgrounds. Outstanding applicants may be offered conditional places on linked postgraduate courses provided by the University of Liverpool allowing our graduates to further enhance their career prospects.

Psychology BSc (Hons)
(2+2 programme with foundation element)
UCAS code: C801
Programme length: 4 years

If you are interested in studying for a Psychology degree, but feel that you have a non-standard academic background, this is a programme that has been designed for you. It is intended for students from a variety of vocational, academic and non-academic backgrounds who may typically have had a break in their education.

C801 is run in collaboration with Wirral Metropolitan College and those on the programme benefit from facilities at both locations. Successful completion of the first two years (Year Zero and Year One) allows transfer to the second year of C800. Class sizes at Wirral are limited to enhance learning and group support.

Psychology MPsychoSci (Hons)
UCAS code: C804
Programme length: 4 years

This programme aims to give you advanced knowledge of the theoretical and research aspects of clinical and health psychology. Successful completion of the MPsychoSci will equip you for professional postgraduate studies in clinical and health psychology and for research careers in clinical and health psychology. The programme draws on the research excellence of our School and our focus upon transferable skills means a Psychology degree from Liverpool will be suitable for a wide range of career choices. The degree is accredited by the British Psychological Society and provides Graduate Basis for Chartered Membership.
Sociology, Social Policy and Criminology

As a Centre of Excellence for sociological and criminological thinking, studying Sociology, Social Policy and Criminology at Liverpool means being taught by recognised experts in their field. As one of the first social science institutes in the UK, we are committed to using social science research to inspire ideas for social reform. Our choice of degrees reflect this; drawing upon the most controversial and talked about issues of our times.

The modules on the course are developed very specifically to incorporate different ways of learning such as group presentations, reviews, essays and research methods – which are invaluable skills to transfer into the working world.

Danielle Skidmore
Sociology and Criminology BA (Hons)

**Good to know:**

- **257** Year One undergraduates in 2016
- **95%** of our students feel staff here made the subject interesting and are enthusiastic about what they are teaching (NSS 2016)
- **91%** of our students feel the course is intellectually stimulating (NSS 2016)
- **79%** are employed or in further study within six months of graduating (Destination of Leavers from Higher Education 2015/16)

- Offers study abroad opportunities
- Offers a Year in China
- Offers Honours Select combinations
Be part of a department inspiring the next generation of original social thinkers
As one of the world’s first social science departments and UK’s leading centres for sociology, social policy and criminology, we have been actively shaping society and inspiring the next generation of original social thinkers for over one hundred years. Throughout our history we have continued to influence society with novel research insights in fields such as crime, health, welfare, housing, inequality and the operation of political power – at local, national and global levels. As a Centre of Excellence for sociological and criminological thinking we continue this proud tradition by ensuring that our programmes are relevant to a changing world and match the knowledge and skills required for the increasingly competitive job market.

Develop your expertise
The Department is committed to using social science as a critical, evidence-based discipline that inspires constructive suggestions for social reform. We’ll guide you in developing your own expertise in particular areas. During your second and third year we’ll help you to choose modules to build your degree around the topics that interest and concern you the most. You may choose to keep your options open and take a variety of modules or you may for instance, choose to focus upon policing, urban regeneration, gender equality, or the role of corporations in democracies. This opportunity to specialise in certain areas will enable you to gain deeper capabilities and skills in particular areas of social science and prepare you for your professional career.

Strengthen your employability skills through our excellent employer links
To complement your academic studies our programmes offer you the opportunity to gain ‘hands-on’ experience in a relevant social field. This experience will not only develop your understanding of how social science is relevant to the process of work and real world issues but it will help you gain key employability skills to help you prepare for life after graduation. You’ll learn how to think independently, how to collect and analyse data, how to present and communicate information and develop advanced IT skills – all skills we know are highly valued by potential employers. You will also be encouraged to attend our regular Employability Workshops, to meet and network with employers and former students to discover and research possible careers. There is nobody better to ask about the reality of different jobs than the people performing them on a daily basis. It is also reassuring that our past students have been consistently successful in securing rewarding careers in a variety of settings, often in national and local government and, increasingly, in private and voluntary sector employment.

Learn from leading experts in a friendly and supportive environment
Internationally renowned for our research, we have a dynamic community of academic staff and students who work together in a shared spirit of discovery. You will be taught by lecturers who are actively engaged in research concerned with the role of social science in society. Through our research-led teaching we help our students develop as independent learners and researchers, gaining valuable skills for use in their subsequent careers.

Why choose Sociology, Social Policy and Criminology at Liverpool?

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
You will be assigned an academic adviser to support you with your personal academic development, who will guide and support you throughout your studies. A dedicated Student Support Officer will also provide you with one-to-one advice should you need it.

**Study abroad**

As part of your degree at Liverpool you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Sociology, Social Policy and Criminology students can currently apply to study abroad with a number of our worldwide partners. For more information, visit [www.liverpool.ac.uk/goabroad](http://www.liverpool.ac.uk/goabroad).

**Year in China**

The Year in China is the University of Liverpool’s exciting flagship programme enabling undergraduate students from a huge range of departments, including Sociology, Social Policy and Criminology, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See [www.liverpool.ac.uk/yearinchina](http://www.liverpool.ac.uk/yearinchina) for more information.

**Your future**

Our graduates have gone onto successful careers in the public and private sectors; social welfare and criminal justice agencies such as the police and probation services and non-governmental organisations (NGOs) eg working with organisations supporting homeless people, refugees and in social research.

We will enable you to develop a range of social scientific, analytic and communication skills and a variety of transferable skills valued by many employers in a range of industries (eg media organisations, local government and charitable organisations, and commercial and financial service sectors).

Studying with us also provides a sound basis from which you will be able to pursue postgraduate studies or further your research skills at master’s and Doctoral levels.

**Employability opportunities**

There are opportunities to gain valuable work experience throughout your studies, through placements, mentoring and our ‘Interchange’ project. For example, as part of your second year studies you may undertake a 10 week voluntary placement with a local organisation or in Year Three, you may have the opportunity of taking up a year-long placement in order to complete a specific project. We are partners with a local charity ‘Interchange’ which organises student placements with a variety of voluntary and charitable organisations in and around the region, such as Community Led Initiatives, Mencap, LFC Youth Foundation, Refugee Action, the Crown Prosecution Service and Citizens Advice Bureau. Through this kind of work you will produce evaluation reports, and feasibility studies to help the organisations develop their services and meet local needs – a great thing to have on your CV!

**How you learn**

You will be taught through a combination of face-to-face teaching in group lectures and small class sessions, tutorials and seminars, which are supplemented by opportunities to get one-to-one guidance from academic staff during their weekly ‘open office’ hours. The rest of your study time will be spent undertaking directed independent study, making use of our excellent library and IT facilities. You will also be supported throughout by an individual academic adviser. Learning is delivered in a variety of formats including: lectures, seminars, workshops, tutorials, guided independent study, group work and reflective and experiential learning.
Programme overview

We want our students to become engaged graduates, understanding the distinctively social characteristics of human experience, and the analytical value of critical social investigation. We instil in our students a range of tools for understanding a variety of forms of human interaction, from micro to macro, their interconnections and their dynamics. We are focused on engagement in learning. Whether through teaching or research, the emphasis is on raising pertinent questions about the social world, problem solving and making a difference to the world we live in.

With you, we will explore various aspects of people’s lives and raise questions about the relationship between personal troubles and public issues. The Department of Sociology, Social Policy and Criminology aims to raise public issues and cultivate public understanding within the themes of social justice, crime and social harm, human rights, the constitution of citizenship and the nature of urban living. Together we develop your social scientific imagination and critical thinking capacity. This means that our teaching and learning will equip you with the tools necessary for understanding the major issues of our age. This analytical, critical, problem solving approach to understanding a range of issues within the social world gives you key employability skills.
Which degree?
You may study for a Single Honours degree or combine your degree with another subject. Our programmes are based on cutting-edge research and are ideal preparation for careers or further study where clear, creative thinking is valued. We encourage our students to pursue their own areas of interests and support this with a range of course options and significant research activity from Year One. Our programmes provide you with the skills and knowledge required to succeed in a variety of different roles specific to your subject or the wider social sciences field.

Criminology. One of the founders of sociology, Emile Durkheim made an observation that is still relevant today. He wrote, “There is no society known where a more or less developed criminality is not found under different forms... we must therefore call crime necessary and declare that it cannot be non-existent, that the fundamental conditions of social organisation, as they are understood, logically imply it”. Criminology is the study of crime from a social perspective: the causes, the criminals involved and the social impact. Crime is one of the most talked about and governed problems of the contemporary age but what is ‘crime’? Is it on the increase? Is it a social problem that has a ‘solution’? Are criminals easily identifiable? Are victims a readily apparent group? What is the purpose of justice and punishment in the criminal justice system? Such questions provide the focus for the study of Criminology. Our department has great expertise in exploring the links between how societies come to codify and respond to ‘crime’ – out of which we can explore aspects of social harm, power and powerlessness. Our approach to Criminology investigates these issues in relation to theoretical perspectives and the workings of criminal justice institutions.

Sociology. Sociology is the study of how individuals and groups interact. It involves the analysing and explanation of social structures and processes and is connected to every aspect of our lives. If you are looking for an exciting and challenging grounding in approaches to understanding social institutions, social change and conflict as well as the factors shaping social, public and civic policy then Sociology is for you. Sociology also offers you the opportunity to explore the diversity of perspectives and research methods with which to grasp the social world. To what extent are societies diverse? To what extent are they unequal? The knowledge that sociology brings is often contentious and reflects current social, public and civic disputes. Consequently, our sociology students are encouraged to develop awareness of their own values and an appreciation of how alternative values impact upon rival interpretations of evidence.

Social Policy. Social policy is a multidisciplinary subject, focusing on key social issues and drawing on a range of the social sciences, including sociology, criminology, politics and economics. It is a term applied to various areas of policy and focuses on the ways in which different societies understand and meet the needs of their populations. How societies care for particular vulnerable groups, and how we manage issues like poverty and unemployment, are among a long list of matters of national concern. Studying social policy is all about how we as a society decide who receives support, what shape it takes, and who provides it to those who are deemed in need. Who should provide services and support: the state, the market, charities or families? These kinds of questions inform the study of the distribution and organisation of welfare and well-being within societies, and provide an exciting in-road into studying Social Policy with us. Studying within our department provides a readiness to engage with the nature of social problems through a range of intellectual traditions and social perspectives, and the opportunity to work directly with organisations involved in this field.

Honours Select
Our subjects combine very well with many other subjects such as Law, Politics, History and many more.
**Criminology BA (Hons)**

**UCAS code:** L311  
**Programme length:** 3 years

Criminology involves the study of complex issues of crime and criminal justice. Criminologists play an important role in the criminal justice system. You will be taught by experts who help influence and develop policy; some of the world’s most influential and respected criminologists teach and research within our Department. Our Criminology degree tackles the problems of crime, deviance, victimisation and social harm in a high quality programme that makes the subject exciting and intellectually challenging. The degree draws on the Department’s expertise in crime prevention, surveillance, policing, sentencing, victimology, youth justice and corporate crime and modules are continually updated and designed to provide you with a well-rounded Criminology learning experience.

**Criminology Joint**

Studying Criminology as 50% of your degree gives you a thorough understanding of the role of criminology in society. Year One introduces you to Criminology and serves as a foundation for the second and third years.

During your second year, you will study Understanding Crime, Justice and Punishment to provide you with a broader and deeper coverage of criminological perspectives and criminal justice controversies.

You can then choose 30 credits from the following options: Punishment, Penalty and Prisons; Policing, Crime and Social Control; Crime, Deviance and Culture, Domestic and International Drug Policy; Understanding Non-profit Organisations; and Social Exclusion. If you wish to study a dissertation in Year Three, you can opt to take research methods modules in preparation.

By Year Three, you will be able to study from a range of areas that include, Crimes of the Powerful, Community and Public Involvement in Crime and Criminal Justice, The Risk Society, Criminal Victimisation, Youth Crime, Youth Justice and Social Control. In Year Three you may wish to study for your dissertation if you have completed the research methods modules. Alternatively, you can take the Applied Social Research module and carry out a piece of research commissioned by a local agency. This offers both a great opportunity for you to study in the ‘real world’ as well as an experience that will appeal to prospective employers.

**Criminology Minor**

Studying Criminology as 25% of your degree gives you an understanding of the role of criminology in society. Year One introduces you to the concepts, debates and controversies in criminology. Year One introduces you to the concepts, debates and controversies in criminology. You will study Introduction to Crime and Society and Controlling Crime.

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Available as part of **Honours Select**. Choose from over 30 subjects to create your perfect Joint or Major/Minor Honours degree. See pages 292-297 for more information.
In your second year, core modules provide you with a broader coverage of criminological perspectives and criminal justice problems within the 24 week module Understanding Crime, Justice and Punishment. By Year Three, you will be able to study from a range of areas that enrich your interests.

**Sociology BA (Hons) 📚**

UCAS code: L302
Programme length: 3 years

Our approach to Sociology engages you in a critical study of society. You will learn to make sense of what drives change in the social world and the possible directions this change may take. The effect of new ideas, technologies, government programmes and social conflict on everyday life is explored through your study of a broad range of subjects that take in local, national and global social relationships. The aim? To give you a comprehensive grasp of the sociological imagination and the real world issues it speaks to.

**Sociology Joint 📚**

Studying Sociology as 50% of your degree gives you a thorough understanding of the way in which society works.

Core modules in Year One provide you with a firm foundation for future study. Sociological Theory embraces the classic work of Marx, Weber and Durkheim and a range of 20th century social theorists. A further 30 credits are available within sociology and you may choose from the following modules: Social Change and Social Policy investigates contemporary controversies around issues such as the family, social class, gender and ‘race’. Studying Society looks at the basics of social scientific work, including research methods, and an introduction to IT – ensuring you are fully conversant with utilising online resources. Both Introduction to Crime and Society and Controlling Crime explore key concepts in the criminology and criminal justice process.

How can sociology help us address social change and divisions? Where best can our sociological imagination apply itself?

Year Two compulsory modules include Thinking Sociologically: Approaches to Social Inquiry and Social Research Methods.

In Year Three, you will have the choice to study specialist subjects in-depth and develop your independent learning. You may opt for a dissertation and pursue a topic of your choice.

Alternatively, you can gain valuable employability skills and opt for our Applied Social Research module or Social Policy Project and combine work experience with your studies, by carrying out a piece of research commissioned by a local agency.

**Sociology Minor 📚**

Studying Sociology as 25% of your degree gives you an understanding of the way in which society works. Year One modules provide you with a firm foundation for future study. Sociological Theory provides you with a firm foundation for future study in the field of sociology. This module embraces the classic work of Marx, Weber and Durkheim before moving on to a range of contemporary social thinkers. In Year Two you will study advanced theoretical sociology and learn more about the controversies within the subject. Year Three offers you the opportunity to develop your area of interest within sociology and you may choose from a range of modules to support this.

**Social Policy Joint and Minor 📚**

If you are thinking of a career in the social services or public administration, combining Social Policy with another subject allows you to build the ideal degree. You may choose to study Social Policy either as 50% or 25% of your degree depending on how much focus you choose. The Social Policy route will explore the ways in which governments seek to provide services and to change conditions in fields such as health, education and welfare support.

You will study current political issues relevant to social policy today, aspects of social change and social divisions that underpin the context of social policy intervention and examine the nature of contemporary welfare services and the dynamics of social inclusion and exclusion.
Veterinary Science

Your studies are built on an outstanding tradition: the University of Liverpool’s Veterinary School was the first of the UK Veterinary Schools to be part of a university, and the first to offer a degree in veterinary science. Looking forward, you’ll benefit from a continuing commitment to innovative veterinary education and research that will support you throughout your lifelong career.

I enjoy how relevant the lectures are to my chosen career and how I feel more like I can succeed as a veterinary surgeon every day. In particular I think the new spiral curriculum is a fantastic way to learn, not just for exams, but to be able to retain more information when I become a qualified vet. I feel like I have joined a family rather than a degree programme. There is always support available and they run a student-to-student buddy scheme and regular inter-year events designed to help everybody succeed together.

Hannah Hartley
Veterinary Science BVSc
Why choose Veterinary Science at Liverpool?

Enjoy an innovative and exciting programme of study
We’re built on over a century of innovation in teaching, learning and research and were the first university Vet School and the first to offer a BVSc. Today this innovation continues, we have developed a forward looking undergraduate curriculum designed with the advice of consultants from several animal related industries and regularly review our programme to ensure your learning is at the leading edge. The programme introduces clinical skills and animal handling from the first term, allowing students to develop their skills and knowledge over the five-year course.

Gain early, practical experience in our farms, referral hospitals and first opinion practices
Our wide-ranging and unique on-site facilities offer you hands-on experience early in your studies. We’re distinct in the UK in that we have two farms, alongside three first-opinion practices and two referral hospitals on campus meaning you can get real experience of all aspects of veterinary practice: equine, large animal, and small animal. You’ll also benefit from our close associations with Chester Zoo.

Start your career with confidence
Your future prospects are strengthened through the Member of the Royal College of Veterinary Surgeons (MRCVS) recognition your programme offers you, and the reputation the University carries with your employers. We were number two in the recent Guardian league tables and our programme of continuing development can support you throughout your career.

Enjoy both city and rural lifestyles
Your first three years are spent at the city centre campus enjoying all Liverpool has to offer. Your final two clinical years are spent at the Leahurst campus, on the beautiful Wirral peninsula.

Study abroad
Veterinary Science students can currently apply to participate in the Erasmus+ programme to undertake three month clinical rotations in Year Four or Five. There are also opportunities to undertake extra-mural studies overseas. For more information, visit www.liverpool.ac.uk/goabroad

Year in China
The Year in China is the University of Liverpool’s exciting new flagship programme enabling undergraduate students from a huge range of departments, including Veterinary Science, the opportunity to spend one year at our sister university Xi’an Jiaotong-Liverpool University (XJTLU), following XJTLU’s BA China Studies degree classes. See www.liverpool.ac.uk/yearinchina for more information.

Your future
The vast majority of veterinary students find employment within six months of graduation. Most newly qualified vets choose to work in private veterinary practices. Others decide to work for animal charities, in laboratories, abattoirs, industry or the public health sector, and some pursue careers in research. Others go on to higher degrees, for example PhDs, or further studies in particular veterinary specialities.
How you learn
There is a combination of problem-based learning, didactic teaching and small-group practical classes allowing students to develop lifelong learning techniques.

Which degree?
Our degree programme in Veterinary Science leads to the professional qualification of Membership of the Royal College of Veterinary Surgeons (MRCVS). The BVSc programme (D100) is taken over five years. For those interested in a career in Bioveterinary Science, there is a three-year BSc (Hons) programme (D900) taught in the areas of Veterinary Science and Biological Sciences, run by the School of Life Sciences (see page 176).

Joining the vet course was nerve-wracking at first, however it’s not long until you’re in a routine, keeping up-to-date with work and enjoying the dynamic aspects all university students look for when enrolling on a programme. For me, I couldn’t have asked for a greater start to my journey in becoming a vet.

Daniel Bell
Veterinary Science BVSc
Degrees

Veterinary Science BVSc  
UCAS code: D100  
Programme length: 5 years

The degree of BVSc enables you to acquire the professional skills, knowledge and experience necessary to qualify as a Veterinary Surgeon. The first three years of the BVSc programme integrate preclinical subjects with clinical skills and problem solving. The fourth and final years are clinical, and are based at the Leahurst campus.

UCAS choices
Candidates must select only four programmes for Veterinary Science. The remaining choice should be used for applications to other degree programmes. This will not prejudice your application.

Foundation to Health and Veterinary Studies (Year 0)  
UCAS code (Veterinary Pathway): 74JJ  
Programme length: 1 year

The University of Liverpool, in collaboration with local FE partners, has developed a Year Zero foundation programme for Home/EU students that leads to access onto a variety of vocational Health Studies programmes. Students seeking entry to Veterinary Science study at Carmel College, St Helens.

Successful completion to the specified standard Health Screening and Disclosure and Barring ensures automatic progression onto the Veterinary Science degree programme at the University of Liverpool.

Please note: application to this programme is through UCAS, the programme is specifically targeted at Home/EU mature and non-traditional students who typically have taken a break from studies.

For up-to-date entry requirements and full module details see www.liverpool.ac.uk/study/undergraduate/courses
When applying, you must ensure that you apply for the one pathway that you wish to progress on to. Multiple applications will be rejected and result in disappointment. We will also not consider applications from applicants who have multiple UCAS applications for a variety of programmes, as this does not demonstrate a clear commitment.

For further information on how to apply to this programme please contact Sean Hollywood on T: +44 (0)151 794 9490 E: s.hollywood@liverpool.ac.uk or visit www.liverpool.ac.uk/study/undergraduate/courses/foundation-to-health-studies-year-0/overview/
Honours Select

Honours Select 100 75 50 25 offers an innovative way to study more than one subject and create your own degree based on your academic strengths and interests.

You have the opportunity to study two subjects on a Joint Honours (50:50) basis or as Major/Minor (75:25), focusing 75% of your time on your Major subject and 25% of your time on your Minor.

Why combine subjects?
We consulted widely with employers and careers experts when developing the Honours Select programme, and they strongly supported the emphasis on flexibility, breadth and multidisciplinary skills as a valuable addition to the strong Single Honours programme.

“From our work with graduate recruiters it’s clear that the key to 21st century employability lies in positioning yourself at the intersections between academic subject disciplines. That’s where innovation exists, that’s what gives organisations from Apple to Unilever a competitive advantage, and that’s why Honours Select offers students such an important head start in the job market.”

Head of Careers & Employability
University of Liverpool

Build your Honours Select programme
Decide which of the following statements best fits your interests, and follow the instructions to discover which combination could work for you.

I am interested in one subject only:
1. Use the detailed programme pages (on pages 58-291) and at www.liverpool.ac.uk/study/undergraduate to learn more about the subject that you are interested in
2. If your chosen subject is also available in 75%, 50% or 25% form, you will usually have the option to change your mind and combine subjects during your first year.

I am mostly interested in one subject, but may also interested in studying another subject on a lesser scale:
1. Check the grid of Major/Minor (75:25) combinations (see pages 296-297). Start with the subject you are most interested in (as your Major), and look at all the possible Minor subjects that can be combined with it
2. When you see a combination that interests you, check the detailed programme pages at www.liverpool.ac.uk/study/undergraduate for both subjects to learn more
3. When you have decided what combination you want to apply for, apply using the UCAS code for the Major subject (found on the grid)
4. When you arrive at the University we will then register you for your full Major/Minor combination during your first year. This means that you can keep your options open
5. If you cannot find the subject you are interested in listed as a Major, please check the subject pages for more information. In a few cases, subjects are only available as a 100% Single Honours degree, or as a Joint or Minor subject.
I am interested in two subjects equally:
1. Check the grid of Joint (50:50) combinations (see pages 294-295) to see the range of choices we offer
2. Look at the detailed programme pages at www.liverpool.ac.uk/study/undergraduate for both subjects to learn more. When you have identified a combination you would like to apply for, please use the relevant UCAS code (found on the grid).

Entry requirements
Joint Honours (50:50)
For Joint Honours (50:50) combinations, the entry requirement is ABB. The only exception is where both subjects have an entry requirement of BBB, in which case the joint entry (50:50) requirement will also be BBB. You will need to satisfy the subject specific entry requirements, including GCSE, for both subject areas.

Please note: the only exception is the A level requirement for Economics at 50% for which we would require a grade B at A level Mathematics.

Major/Minor (75:25)
For Major/Minor (75:25) combinations, the entry requirements for the Major subject will apply. For example, if the Major subject asked for ABB at A level and the Minor subject required AAA, the entry requirements would be ABB.

The subject specific requirements for the Major subject, including GCSE, must also be satisfied. Generally, we do not require students to achieve subject specific entry requirements for their chosen Minor subject.

Please note: the only exception is the A level requirement for Economics at 25% for which we would require a grade B at A level Mathematics.

Please check the entry requirement information listed on the relevant programme pages in this prospectus and you can also find more detailed requirements on our website www.liverpool.ac.uk/study/undergraduate

Information for combining Law through Honours Select
Please note: if you wish to obtain a Qualifying Law Degree in order to practice Law you will need to study a Single Honours (100%) or Major (75%) in Law. Although Honours Select allows students to move in a 25% increment at the end of the first year of study, please note that due to module requirements for a Qualifying Law Degree, it is not possible to transfer from 50% to 75% Law at the end of your first year.

Mathematical Sciences combinations
Please note: we are currently reviewing programme combinations with the Department of Mathematical Sciences. For further information and up-to-date programme listings see www.liverpool.ac.uk/study/undergraduate/courses/mathematics-bsc-hons/overview/

Study abroad
Students studying under Honours Select can still apply to study abroad, as long as both subjects have compatible partners. See individual subject pages for more information.

Contact us
For further enquiries about Honours Select, contact E: honoursselect@liverpool.ac.uk

Please note: we continually review combinations, check www.liverpool.ac.uk/study/undergraduate for the latest programme list.
Joint Honours
(50:50) combinations

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<tr>
<th>Ancient History</th>
<th>Archaeology</th>
<th>Business</th>
<th>Chinese Studies</th>
<th>Classics</th>
<th>Communication and Media</th>
<th>Criminology</th>
<th>Economics</th>
<th>Egyptology</th>
<th>English</th>
<th>English Language</th>
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For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Please apply for the UCAS code that appears in the box. Grey squares with no code show subjects that cannot be combined. Some subjects are not available at Joint Honours level (50%) either for professional accreditation reasons, or as the subjects overlap. Check the main programme pages as there is usually a Single Honours degree in this area. Please note: we continually review our combinations check [www.liverpool.ac.uk/study/undergraduate](http://www.liverpool.ac.uk/study/undergraduate) for the latest programme list.

Please see information regarding studying Law through Honours Select on page 293.
### Major/Minor (75:25) combinations

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<th>Minor</th>
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<td>W300</td>
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<td>Sociology</td>
<td>L302</td>
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</tbody>
</table>

Please note: we continually review our combinations, check [www.liverpool.ac.uk/study/undergraduate](http://www.liverpool.ac.uk/study/undergraduate) for the latest programme list.

For up-to-date entry requirements and full module details see [www.liverpool.ac.uk/study/undergraduate/courses](http://www.liverpool.ac.uk/study/undergraduate/courses)
Some subjects and/or combinations are not available at these levels either for professional accreditation reasons, or as the subjects overlap. Check the main programme pages as there is usually a Single Honours degree in this area. Please see information regarding studying Law through Honours Select on page 293.
Next steps

We know there's a lot to consider when applying for university. We have put together some key dates, deadlines and information over the next few pages to hopefully make things a little easier for you...

**October 2017**
From October we will start making offers, for some programmes you will also be invited to attend interview before your offer is made. As soon as you have received your offer you can apply for student accommodation [www.liverpool.ac.uk/accommodation](http://www.liverpool.ac.uk/accommodation)

**15 October 2017**
Deadline for Medicine, Dentistry and Veterinary Science applications.

**December 2017- April 2018**
For the majority of our programmes, if we make you an offer, you will be invited to attend an Applicant Discovery Day. These days are different to Open Days as they will allow you to spend more time in your department [www.liverpool.ac.uk/openday](http://www.liverpool.ac.uk/openday)

**15 January 2018**
Deadline for UCAS applications to guarantee that your application will be considered.

**January 2018**
Apply for student finance. Visit [www.direct.gov.uk/studentfinance](http://www.direct.gov.uk/studentfinance) and [www.liverpool.ac.uk/money](http://www.liverpool.ac.uk/money) for information.

**June-August 2018**
Results: If you are holding a Conditional Offer you will need to wait until you receive your results to see if you have been successful in securing your place with us. Once you have your place confirmed we will send you a welcome pack!

**September 2018**
Welcome week and registration.

**August 2018**
A level Results Day.
March 2017-September 2017
Research your options by attending UCAS fairs, ordering prospectuses and visiting university websites.

August-December 2017
Complete your UCAS application including personal statement. For guidance on how we assess applications visit www.liverpool.ac.uk/ug-admissions

Saturday
23 September and Saturday 21 October 2017
University of Liverpool Open Days. Register at www.liverpool.ac.uk/openday

September 2017
UCAS opens for applications at www.ucas.com

Friday 23 and Saturday 24 June 2017
University of Liverpool Open Days. Register at www.liverpool.ac.uk/openday

February 2018
UCAS Extra opens. If you are not holding any offers at this point, Extra allows you to make one final choice. Please note not all programmes will be in Extra, visit www.ucas.com for more information.

May 2018
Exam time.

May 2018
Deadline for accepting your place with us.

July 2018
UCAS Extra closes.

30 June 2018
Application deadline for international students.
Visiting the University

If you like what you’ve read so far, the best way to get a feel for whether the University is right for you is to come and see us.

Open Days
Our Open Days are a great opportunity for you to discover for yourself the facilities and programmes we have on offer and spend a day with us on campus.

You’ll find current students on hand to welcome you and give first-hand opinions on what University life is like. You can visit departments, find out about Liverpool Guild of Students and more.

- Find out more about all aspects of life at the University at our general talks
- Ask our support staff your questions at the central exhibition
- Look around your academic department, meet the lecturers and get a feel for your subject
- See our university accommodation
- Get your bearings on one of our campus tours
- Explore our beautiful city on a city-centre tour.

To visit us on Open Day, please register at www.liverpool.ac.uk/openday. Around two weeks before the event you will be sent an Open Day Guide and details on how to download our Open Day app, allowing you to plan ahead for your visit.

Virtual Open Day
If you are unable to attend one of the four Open Days we hold every year, our Virtual Open Day is an ideal way for you to find out more about the University of Liverpool, including our campus, key central facilities and the range of accommodation that we offer. Experience our Virtual Open Day at www.liverpool.ac.uk/study/openday/virtual-open-day

Watch our Open Day film at: www.liverpool.ac.uk/study/undergraduate/courses/video
Campus tours

If you can't make an Open Day, but would like to see the campus, guided tours take place regularly. Your tour will begin with an introduction to the University, followed by a walking tour of the campus that includes a visit to the Sports and Fitness Centre, one of the central libraries, a show flat in our on-campus accommodation, computing facilities and Liverpool Guild of Students. If you would like to book on to a campus tour, please complete the online form at www.liverpool.ac.uk/openday.

Tours last for one hour. To visit a particular academic department, please contact them directly. Contact details can be found on our website.

Independent visits

The campus is open to the public and our Self-Guided Campus Tour will help you orientate yourself so please feel free to visit us at any time. You can request or download a Campus Tour Map at www.liverpool.ac.uk/study/openday/tours.

Are you a teacher?

Our UK Recruitment team provides a comprehensive and professional service to schools and colleges throughout the UK. We visit hundreds of schools and colleges and deliver a variety of talks and workshops to help students make informed choices about university. You will meet us at UCAS conventions and careers fairs around the country and we would love the opportunity to meet you in person to discuss what we can do for you. Contact us at any stage of the application process to find out how we can help your school.

Contact us

T: +44 (0)151 794 5933
E: schoolsandcolleges@liverpool.ac.uk
or visit www.liverpool.ac.uk/study/undergraduate/schools

International students should contact the International Recruitment, Relations and Study Abroad team for queries and details of overseas visits – see page 21 for contact details.

Good to know:

In 2016 46,000 visitors came to our Open Days.

Our Open Days this year are on:

Friday 23 June 2017
Saturday 24 June 2017
Saturday 23 September 2017
Saturday 21 October 2017

www.liverpool.ac.uk/openday
We welcome applications from all over the world, and it’s our aim to make the process of applying as smooth as possible.

**Making an application through UCAS**

Applications for full-time undergraduate study should be made via UCAS, the Universities and Colleges Admissions Service, using UCAS’s online application system at [www.ucas.com](http://www.ucas.com) using code LVRPL L41.

The deadline for applications for UK and EU students wishing to start their studies in 2018 (other than those wishing to apply for Medicine, Dentistry and Veterinary Science) will be the **15 January 2018**. For international students, the deadline is **30 June 2018**.

**Applications for Medicine, Dentistry and Veterinary Science**

Applications for Medicine, Dentistry and Veterinary Science should be submitted to UCAS by **15 October 2017**. You may apply to up to four choices for Medicine, Dentistry or Veterinary Science and you may use your fifth choice for an alternative programme without prejudice to your application for Medicine, Dentistry or Veterinary Science.

**Year in China applications**

If you are planning to study with a Year in China please refer to the application guidelines here [www.liverpool.ac.uk/yearinchina](http://www.liverpool.ac.uk/yearinchina)

**Selection procedures at the University of Liverpool**

Full information on the way in which we will assess your application is available on our website at [www.liverpool.ac.uk/ug-admissions](http://www.liverpool.ac.uk/ug-admissions)

The University has an Undergraduate Admissions Policy which sets out the general principles we follow, when making decisions. The policy document may be found online at [www.liverpool.ac.uk/ug-admissions](http://www.liverpool.ac.uk/ug-admissions)

**Entrance requirements**

For full details on the programmes we offer and detailed entrance requirements, visit [www.liverpool.ac.uk/study/undergraduate](http://www.liverpool.ac.uk/study/undergraduate)

For information on English language entry requirements contact the International Recruitment, Relations and Study Abroad team on T: +44 (0)151 794 6730 or E: irro@liverpool.ac.uk

Further information about acceptable international qualifications can be found at [www.liverpool.ac.uk/study/international](http://www.liverpool.ac.uk/study/international)

**Disabled students**

We give equal consideration to all applicants and welcome applications from students with disabilities.

Please contact the Disability Support Adviser on T: +44 (0)151 794 4714 to discuss your support needs before you submit your UCAS application.
Preparatory Programmes
Partner Colleges
For some programmes with foundation elements, you study the first part at a partner college. Such programmes are listed in the relevant departmental section of this prospectus (see pages 58-291).

Go Higher
The University offers the ‘Go Higher’ programme as a route into Higher Education for people who are not applying directly from school or college, and who do not have traditional entry qualifications. Go Higher develops your academic skills, provides a broad foundation for your successful transition to university and enables you to apply for a diverse range of degrees in Humanities. Further details may be found at www.liverpool.ac.uk/gohigher

Applicants who have been in the care of a UK Local Authority
The University is keen to support applicants who are, or who have been, in the care of a UK Local Authority as a looked after child, and a member of our support services team is available to offer advice to applicants who have indicated on the UCAS form that they are or have been in care. For further details, contact our Financial Support team at E: fst@liverpool.ac.uk

Mature students
We welcome applications from candidates who are not applying directly from school or college, or who have non-standard qualifications, or who wish work or life experience to be taken into account as part of their application. For further information see www.liverpool.ac.uk/study/undergraduate/adult

Diversity and equality
The University of Liverpool attaches the greatest importance to its policies and activities to promote diversity and equality of opportunity. Full details on these policies can be found online at www.liverpool.ac.uk/diversity-and-equality
Student finance

There is a wide range of financial support available for students starting their studies in 2018. To find out more and for more information about tuition fees visit www.liverpool.ac.uk/money

Additional costs
For information about programme specific additional costs please see the relevant programme pages online at www.liverpool.ac.uk/study/undergraduate

Student finance calculator
You can also use our online student finance calculator to find out what support you could be entitled to www.liverpool.ac.uk/study/undergraduate/finance/finance-calculator/
or call us on T: +44 (0)151 794 5927.

Terms and conditions

Every effort has been made to ensure that information contained within this prospectus is accurate at the time of going to press. For more detailed terms and conditions see www.liverpool.ac.uk/study/undergraduate/applying/terms/
## How to find us

The University of Liverpool is located in Liverpool, England. Here are the travel times to some major cities:

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<thead>
<tr>
<th>City</th>
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<tr>
<td>Manchester</td>
<td>50 minutes</td>
</tr>
<tr>
<td>Leeds</td>
<td>1 hour 28 minutes</td>
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<tr>
<td>Birmingham</td>
<td>1 hour 44 minutes</td>
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<tr>
<td>London</td>
<td>2 hours 12 minutes</td>
</tr>
<tr>
<td>Cardiff</td>
<td>3 hours 39 minutes</td>
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For more information, visit [www.facebook.com/UniversityofLiverpool](http://www.facebook.com/UniversityofLiverpool) or follow @livuni on Twitter and UoFLTube on YouTube.
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