UNDERGRADUATE PROSPECTUS
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DEPARTMENT OF ARCHITECTURE
BEng Architecture

DEPARTMENT OF BIOLOGICAL SCIENCES
BSc Bioinformatics
BSc Biological Sciences

DEPARTMENT OF CHEMISTRY
BSc Applied Chemistry

DEPARTMENT OF CHINA STUDIES
BA China Studies

DEPARTMENT OF CIVIL ENGINEERING
BEng Architectural Engineering
BEng Civil Engineering

DEPARTMENT OF COMPUTER SCIENCE AND SOFTWARE ENGINEERING
BEng Computer Science and Technology
BSc Information and Computing Science

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING
BEng Digital Media Technology
BEng Electrical Engineering
BEng Electronic Science and Technology
BEng Telecommunications Engineering
BEng Mechatronics and Robotic Systems

DEPARTMENT OF ENGLISH
BA Applied English
BA English and Communication Studies
BA English and Finance
BA English and International Business

SCHOOL OF FILM AND TV ARTS
BA Digital Media Arts
BA Film and TV Production
BA Film Making

DEPARTMENT OF MATHEMATICAL SCIENCE
BSc Actuarial Science
BSc Applied Mathematics
BSc Financial Mathematics

DEPARTMENT OF MEDIA AND COMMUNICATION
BA Communication Studies

DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES
BSc Public Health
BSc Environmental Science

DEPARTMENT OF URBAN PLANNING DESIGN
BEng Urban Planning and Design

INTERNATIONAL BUSINESS SCHOOL SUZHOU
BA Accounting
BA Business Administration
BSc Economics
BSc Economics and Finance
BA Human Resource Management
BSc Information Management and Information Systems
BA International Business with a Language
BA Marketing

DEPARTMENT OF INDUSTRIAL DESIGN
BEng Industrial Design

DEPARTMENT OF INTERNATIONAL RELATIONS
BA International Relations

XJTLU ENTREPRENEUR COLLEGE, TAICANG
BA Arts, Technology and Entertainment
BEng Internet of Things Engineering
BEng Intelligent Manufacturing Engineering
BEng Data Science and Big Data Technology
BEng Intelligent Robotics Engineering
BSc Intelligent Supply Chain

* VERSION: November 2019
For most up-to-date information, please visit: www.xjtlu.edu.cn
You are the future entrepreneur, scientist, architect, engineer, diplomat, researcher, educator or executive in our increasingly global environment.

You have a passion to understand other cultures and become a citizen of the world.

We want you.

At Xi’an Jiaotong-Liverpool University you will find an international community of learners in the heart of China’s economic miracle - and opportunities found nowhere else on Earth.

XJTLU will help you develop into a global citizen with the skills, knowledge, abilities, temperament and tenacity to succeed in today’s highly competitive and fast-changing world.

We look forward to welcoming you to XJTLU.
UK DEGREE FROM THE UNIVERSITY OF LIVERPOOL
Students earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool.

AN EXCITING RANGE OF PROGRAMMES
Study sciences, technology, engineering, mathematics, architecture, design and planning, language and culture, media and communications, business, finance or economics.

ENGLISH-TAUGHT
All programmes are taught 100 percent in English.

WORLD-CLASS CAMPUS
State-of-the-art facilities located on a beautifully landscaped campus.

GROWING GLOBAL COMMUNITY
Almost 15,000 students and 650 academic staff from 50 countries...and counting!

LEARN CHINESE FOR TOP CAREER PROSPECTS
The opportunity to study Chinese language at all levels. Bilingual China experts are highly sought-after in the global job market.

SINO-BRITISH EXCELLENCE
Founded in 2006, XJTLU is the largest international collaborative university in China, combining the best of east and west.

LOCATED IN SUZHOU, CHINA
China’s equivalent of Silicon Valley, a hub of global business and innovation just 25 minutes from Shanghai, sits alongside stunning 2,500 year-old UNESCO World Heritage gardens.
WHY XJTLU?

Xi’an Jiaotong-Liverpool University is a pioneering, international joint venture university. We are proud of our focus on research-led learning inherited from our two co-founding institutions: the University of Liverpool and Xi’an Jiaotong University.

ENGLISH LANGUAGE ENVIRONMENT ON CAMPUS
All degree programmes are taught 100 percent in English, making it easy to access your China experience while continuing your course of study.

MIX OF SUBJECTS ACROSS STEM, HUMANITIES AND SOCIAL SCIENCES
Study sciences, technology, engineering, mathematics, design and planning, architecture, public health, language and culture, China studies, business, finance, media and communications.

ACADEMIC QUALITY AND PROFESSIONAL RECOGNITION
Many of our programmes have also been recognised by prestigious academic and professional accrediting bodies such as AACSB International, EQUIS, the Royal Institute of British Architects (RIBA), Joint Board of Moderators, Royal Society of Biology and the Institution of Engineering and Technology (IET), for example.

We are one of the youngest universities in the world to have earned these accreditations.

WORLD-CLASS CAMPUS
State-of-the-art facilities are located on a beautifully landscaped campus.

UK QUALITY ASSURANCE
XJTLU programmes are accredited and moderated by the University of Liverpool. With degree programmes across many subject areas, plus the China context, you’re able to make the most of your academic experience abroad.

LEARN A NEW LANGUAGE
Alongside your degree, all international students can study Mandarin Chinese and are encouraged to pass HSK tests at the Suzhou testing centre. If you already know Chinese, you can take top-up classes, or study Spanish or Japanese.

"I was so surprised to find how convenient it is to live in China! The people are kind, and the food is delicious. I was really impressed to see modern downtown areas even though Suzhou is also an ancient, historical city."

PARK JAEHYUN, KOREA
SUMMER SCHOOL

"Why XJTLU?"
XJTLU has almost 650 academic staff from more than 50 countries and regions, who have extensive international experience in industry and academia. They deliver cutting-edge research and teach current theories to prepare you for an excellent career.
EXPERIENCE CHINA

With the Chinese century upon us, no matter what career you pursue, China will play a role in your future in one way or another. How can first-hand experience of China make the difference for you?

CAREER PROSPECTS
Employers report that experience in China helps graduates stand out from the crowd. You’ll develop an understanding of the world’s second largest economy and inter-cultural skills that will give you a leg-up in your next job hunt.

FRIENDSHIPS AND NETWORKS
Studying abroad is fun! Not only will you experience new people, food, customs and travel, but you’ll make new friends in China and from across the globe that will last a lifetime.

CULTURAL AWARENESS
China offers a continent full of diverse culture, food styles and dramatic scenery. Shanghai, Xi’an and Beijing are well within the range of a weekend trip. Spend more time and you can explore the Silk Road, traversing deserts, high plateau grasslands and glacial valleys. Or, visit giant pandas in Chengdu or Buddhist monks in Tibet. The possibilities are limitless!

LANGUAGE SKILLS
More than one billion people of the world’s population speak Chinese, and it will become increasingly influential in the future. Learning Chinese language may be a part of your study path at XJTLU, but even scratching the surface will give you a greater insight into a fascinating and ancient society that will also contribute to your career prospects.

LIVE IN BEAUTIFUL SUZHOU

Suzhou is a fascinating mix of the ancient and the hypermodern; blending together a bustling old town with canals, elegant 2,500 year-old UNESCO World Heritage gardens, new lakeside areas with stunning malls, skyscrapers, shops and restaurants; and one of Asia’s leading research and innovation hubs. Suzhou’s weather is cold in winter and hot in summer.

XJTLU CAMPUS
XJTLU is located in the modern, clean and safe Suzhou Industrial Park area, China’s equivalent of Silicon Valley and a hub of global education, business and innovation with more than 20 universities, 5,000 foreign owned enterprises and Fortune 500 companies to bring real-life opportunity into the classroom.

SHANGHAI
Located just 25 minutes by bullet train from Suzhou, Shanghai is one of Asia’s most glamorous cities with over 25 million people and one of the most vibrant economic, cultural and nightlife scenes in the world. Be a part of the action in this global hub of finance, arts, fashion and food.

"Suzhou is ideally located as a gateway for you to travel across China and Asia. The diversity of people at XJTLU gives you the opportunity to meet other like-minded students from around the world.”

ANNA HALL, UK
CHINESE LANGUAGE SUMMER SCHOOL
The XJTLU campus provides state-of-the-art teaching, laboratory, research and support facilities. This includes the award-winning Central Building, which houses the fully-resourced XJTLU Library.

In addition to the world-class science and engineering laboratories, design and media studios, and communications laboratories, our campus also has conference facilities, tennis and basketball courts, multi-purpose sports centre, playing ground, running track, and a variety of catering facilities.
An education at XJTLU brings with it not only outstanding academic opportunities, but also the chance to expand one’s horizons socially and culturally.

XJTLU students study hard, but they also lead full and ambitious lives between classes. Student clubs and societies play an important role at XJTLU with more than 120 organisations centred on art, sports, entrepreneurship, social service, academia and science to name but a few.

XJTLU hosts a model United Nations, and the Student Union plays an active role in shaping campus life and academic experiences. We also have an arts centre that gives students the opportunity to get involved in a range of creative activities. The campus has its own student enterprise park where students can try starting their own businesses or simply enjoy the shops and services.

You’ll also have the chance to travel through China’s vast and beautiful landscape and experience the depth of its ancient culture.
The accommodation facilities are located between 5 to 20 minutes from campus and cater to different living styles from private hotel standard rooms to functional single en-suites with shared communal facilities.

When you have received your offer and paid your deposit to secure your place at the University, you can book your accommodation using our booking system. Accommodation is on a first come, first serve basis.

Apart from your monthly living costs, you should also allocate budget for the following:

- 2,000 RMB/year or 1,000 RMB/semester to cover service charges (textbooks, ID cards, printing etc.)
- Travelling costs (e.g. bus, taxi, train, flight etc.)
- Medical costs (the insurance is indirect billing, so you are strongly recommended to prepare some money for emergency cases)
- Visa/residence permit costs (400 RMB-1,000 RMB, details can be found on the XJTLU International Student Visa Policy)

**BUDGET**

As lifestyle differs, the cost of living in China could vary enormously. Below is a representative sample which you refer to when budgeting your living costs:

<table>
<thead>
<tr>
<th>ITEMS</th>
<th>Student A - Resides in international halls and lives cheaply, i.e., only eating Chinese food from the university canteen, avoiding clubbing or drinking, and occasionally taking bus or metro into the old town.</th>
<th>Student B – Resides in international halls and lives cheaply during the week, but occasionally treats himself to food from a nicer restaurant. Goes drinking once a month. Normally takes the bus but will take three or four taxis a month.</th>
<th>Student C - Lives the expat life style normally eating in western restaurants and going to bars. He owns an E-Bike and takes occasional taxis</th>
</tr>
</thead>
<tbody>
<tr>
<td>RENT</td>
<td>1,440</td>
<td>1,440</td>
<td>3,000</td>
</tr>
<tr>
<td>UTILITIES</td>
<td>300</td>
<td>300</td>
<td>500</td>
</tr>
<tr>
<td>FOOD</td>
<td>1,000</td>
<td>2,000</td>
<td>3,000</td>
</tr>
<tr>
<td>TRANSPORT</td>
<td>50</td>
<td>200</td>
<td>300</td>
</tr>
<tr>
<td>LUXURIES</td>
<td>0</td>
<td>1,000</td>
<td>2,000</td>
</tr>
<tr>
<td>TOTAL MONTHLY</td>
<td>2,790 RMB (around USD$400)</td>
<td>5,140 RMB (around USD$750)</td>
<td>8,800 RMB (around USD$1,330)</td>
</tr>
</tbody>
</table>
XJTLU students have numerous job opportunities around the world after they graduate.

Graduates work at institutions and enterprises including the ‘Big Four’ accounting and consulting firms, foreign-owned banks, financial institutions, foreign-owned manufacturing and developing firms, and large and medium-sized state-owned enterprises.

We are located in Suzhou Industrial Park, which houses more than 5,000 international enterprises and Fortune 500 companies.

Here are some of the global companies where our graduates have received offers of employment.

**Microsoft**
**Google**
**Apple**
**Intel**
**Amazon**
**Ford**
**JP Morgan Chase**
**IBM**
**Shell**
**Accenture**
**Procter & Gamble**
**L’Oreal**

**PricewaterhouseCoopers**
**KPMG**
**Ernst & Young**
**Deloitte**

**HSBC**
**Standard Chartered Bank**
**Swiss Bank**
**Royal Bank of Scotland**

**Lenovo**
**Huawei**
**ZTE**
**Baidu**
**Alibaba**
**SAIC**

**UNIVERSITY OF CAMBRIDGE**
**University of Oxford**
**Imperial College London**
**King’s College London**
**The University of Edinburgh**
**The University of Manchester**
**London School of Economics and Political Science (LSE)**
**The University of Warwick**
**Durham University**

**UNITED STATES**
**Stanford University**
**Harvard University**
**Cornell University**
**Yale University**
**Johns Hopkins University**
**Columbia University**
**University of Pennsylvania**
**University of California, Berkeley**
**Northwestern University**

**AUSTRALIA**
**Australian National University (ANU)**
**University of Melbourne**
**University of New South Wales (UNSW Sydney)**
**University of Queensland (UQ)**
**University of Sydney**
**Monash University**

**CANADA**
**University of Toronto**
**University of British Columbia**

**HONG KONG, CHINA**
**The Hong Kong University of Science and Technology**

**JAPAN**
**The University of Tokyo**
**Kyoto University**

**SINGAPORE**
**Nanyang Technological University Singapore (NTU)**
**National University of Singapore (NUS)**

**REPUBLIC OF KOREA**
**Seoul National University**

"The professors at XJTLU helped me transform from a high school student to an empowered university graduate. They supported me to study for a postgraduate degree at the National University of Singapore and the Technical University of Munich, which are highly ranked global universities. I feel very confident now I have the strength and ability to achieve all the goals in my life."

MADELINE CHRISTABEL, INDONESIA
BSc APPLIED CHEMISTRY
CAREER SERVICES
The Career Development Office provides students with support in preparing for successful future careers and assists with work placements and job searches. Their services include lectures and seminars, CV and cover letter advice, workshops on interview techniques, business plans, and career planning. The office also arranges external mentoring with industry professionals as well as maintaining a careers library with books and journals on career planning, together with IT resources to help you with your post-graduation job search.

ALUMNI
When you graduate from XJTLU, you will not only join a growing network of XJTLU alumni, but you will also become a member of the global community of more than 100,000 University of Liverpool alumni in over 130 countries.

STUDENT HELPERS
All students are assigned a friendly ‘buddy’ to help you get familiar with the campus during your first few weeks and months. You also have the option to pair up with a language partner to learn a second language.

ENTREPRENEURSHIP
With guidance from the Career Development Office and XJTLU Innovation Hub, many students take advantage of the XJTLU Student Enterprise Park to develop their own products and start-up companies.

EXTERNAL MENTOR PROGRAMME
We invite experienced professionals from Chinese and International companies to act as external mentors to provide guidance on the skills that are necessary for your future career.

VISA AND ACCOMMODATION
XJTLU Global will provide support for arranging your visa and accommodation.

AIRPORT MEET-AND-GREET
XJTLU Global organises a pick-up service for all new international students arriving in China at Shanghai Pudong airport. This service is available during three days of welcome week.

INDUCTION
The induction activities aim to familiarise you with the local area and campus. You will have the opportunity to meet current students during this time, as well as at various social events and societies and clubs introductions.

ENGLISH LANGUAGE SUPPORT
The Language Centre provides continuing support courses to help you with any English language and study skills issues you may find during your studies. Continuing support focuses on academic literacies, study skills, and learning techniques, helping you to bridge the gap between English study and academic subject-specific study.

CHINESE CLASSES
The Language Centre also provides free Chinese language classes to all full-time international students delivered by our globally recognised Language Centre.

“Life has never been this good. With extremely warm and friendly staff as well as the locals, it’s not hard to absolutely love what this university and this city has to offer.”

SUHAILA SULEIMAN, KENYA
BEng TELECOMMUNICATIONS ENGINEERING

“China is amazing! I feel the people are so welcoming and the atmosphere is definitely more relaxed than the UK. As a minority, you instantly develop a fan base, so bring your good side as there will be lots of pictures!”

KRISTINA MLANDHLA, UK
SUMMER SCHOOL
UK undergraduate degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme at XJTLU. Most students, however, enter into Year One.

Year One provides you with a range of interesting modules, language classes and core skills for your degree. You will be grouped into subject-specific clusters and study optional modules and content relevant to that cluster. The types of optional modules you can choose (depending on your cluster) include:

- Professional skills in computer science
- Chemistry around us
- Introduction to social science
- International relations
- China and the world
- Thinking Shakespeare
- Business essentials
- Architectural representation and communication
- Imagining the city
- Key skills for life scientists

Students who need to rapidly improve their English will take the intensive English pathway. All international students take intensive Mandarin modules, giving you a head start in a language invaluable to your future career, while all students may also choose to study Spanish as an optional module. Additionally, undergraduate students from Mainland China study a compulsory course of general social science modules delivered by our Chinese Cultural Teaching Centre.

**ENGLISH FOR ACADEMIC PURPOSES**

English for Academic Purposes (EAP) is not just about learning English. EAP classes, delivered by the Language Centre at XJTLU, are subject-focused, meaning you learn the vocabulary and academic skills that will help you when studying in your chosen discipline. Whatever you study, there will be an EAP class available to suit your needs.

EAP classes in both Year One and Year Two use a mix of authentic texts and lectures, combined with student-centred activities, discussion-based classes and tutorials. The skills and content covered will help you to feel more comfortable and competent studying and working in the field that you have chosen. Furthermore, EAP tutors work closely with departments to make sure the content of your class is current, engaging, thought-provoking and relevant.

**MATHMATICS AND PHYSICS**

Mathematics and physics teaching for Year One students is delivered by the Department of Mathematical Sciences. Teaching combines the traditional Chinese systematic method of teaching, with the active learning-orientated approach typical of British universities to give you a solid foundation in mathematics that you can apply throughout the course of your degree programme and subsequent career.

Special lectures on mathematics are held regularly, giving you the opportunity to widen your knowledge, while purpose-designed teaching models, and a personal tutorial system, are used for students with different needs and requirements. Additionally, a variety of channels exist to increase your interest in mathematics and physics, including student societies such as the Mathematics and Science clubs.
“I originally planned to study in the UK, but I thought that studying in China would provide more job opportunities, that it would be good to experience the market in China first-hand and also learn Chinese. XJTLU is a great place and you can get degrees from both Liverpool and XJTLU. There’s a real international atmosphere, making it easy to make friends from different countries. The scholarship opportunity made the decision to join XJTLU an easy one.”

MARIA CHRISTOFORIDOU, UK
BA MARKETING

“...I decided to study at XJTLU as being a joint venture university between Xi’an Jiaotong-University and the University of Liverpool I can get the best of both worlds. It’s a really diverse university both culturally and for the programmes that are offered. The opportunities in China are increasing and I am able to learn about how people think and do business in China.”

NICK SUKHUMANANT, THAILAND
BSc FINANCIAL MATHEMATICS

“ENTRY SCHOLARSHIP
XJTLU offers generous entry scholarships of up to 50 percent off the first year tuition fees. This is based on academic merit and is renewable annually based on your continuing strong academic performance.

GOVERNMENT SCHOLARSHIPS
The Chinese Ministry of Education and the Jiangsu provincial government offer scholarships to international students. Additional scholarships are available to Hong Kong, Macao and Taiwan students.

PROGRESSION SCHOLARSHIP*
Progression scholarships are awarded annually on the basis of a student’s overall average marks in the previous academic year.

THE UNIVERSITY OF LIVERPOOL DISCOUNT*
All students enrolling at XJTLU in September, who choose to transfer to the University of Liverpool on the 2+2 study route, will be offered a discount of 10 percent off the tuition fees of the University of Liverpool.

*undergraduate applicants only
HOW TO APPLY FOR AN UNDERGRADUATE DEGREE

ENTRY INTO YEAR ONE
We welcome applications from high-quality candidates in all subject areas with appropriate high school or equivalent qualifications. Students will normally be expected to have a high standing in their high school performance with a minimum “B” average in relevant subjects.

ENTRY INTO YEAR TWO
On the bases of year one criteria, students who have completed A-levels or International Baccalaureate (or equivalent) will be considered for entry into Year Two, different programmes have different subject-relevant requirements:

- A-level: BBB
- IB Diploma: 30 points
- Advanced Placement Tests/Subject SATs—High school diploma with a GPA of 3.0 or above, plus:
  - Redesigned SAT: 1280+ (students that took the SATs previous to 2016 will require 1800+), or
  - ACT: 27, and 2 AP examinations: 4+ or 2 SAT subject tests: 600+ or
  - 3 AP examinations: 4+ or
  - 3 SAT subjects: 600+

HONG KONG, MACAO AND TAIWAN
Students from Hong Kong, Macao and Taiwan may apply with the following:

- A minimum grade of 400 on the Joint Entrance Examination to Chinese Universities for Overseas Chinese Students and Students from Hong Kong, Macao and Taiwan, or
- General Scholastic Ability Test (CSAT) ranking of at least top 50 percent in 4 subjects, including English and Math.

ENGLISH LANGUAGE REQUIREMENTS

| YEAR ONE ENTRY | IELTS 5.5 | TOEFL iBT 82 |
| YEAR TWO ENTRY | IELTS 6.5 | TOEFL iBT 90 |

English qualifications are not required for students from Hong Kong, Macao and Taiwan who take the Joint Examination or the CSAT.

TUITION FEES
For international, Hong Kong, Macau and Taiwan students:
88,000 RMB per year (approximately US$13,000)

THE CLOSING DATE FOR SEPTEMBER 2020 ENTRY IS 15 JUNE 2020

EARLY BIRD DISCOUNT
All international and Hong Kong, Macao and Taiwan students who submit an online application and accept their conditional or unconditional offer by 1 May 2020 will automatically qualify for a 8,000 RMB early bird discount.

HONG KONG, Macao and Taiwan students who apply to XJTLU with Joint Entrance Examination through the governmental online application system (The Education Examination Authority of Guangdong Province) will automatically qualify for a 8,000 RMB early bird discount.

Applications will be considered as they are received and we encourage you to submit your application well in advance of the deadline. If you have any questions about the admission process, don’t hesitate to contact us at international@xjtlu.edu.cn

APPLY ONLINE
All applicants should apply via our online application system - to begin, simply choose your programme on our website and click the “apply” button. You will then be prompted to create an account, complete the application form, upload the required documents and submit. You may save and re-log in to your application form at any time.

Visit: www.xjtlu.edu.cn

CHECKLIST
- Certificates of education qualifications and transcripts, translated into English
- Certificates of English language qualifications such as IELTS, TOEFL or other acceptable English qualifications (as required for non-native speakers of English)
- SAT, ACT, CSAT or other entrance aptitude test scores (if available)
- Personal Statement
- Photocopy of your passport or ID
- Portfolio (required for BEng Architecture & BA Filmmaking)

Note: The University reserves the right to modify programmes at any time in response to unforeseen circumstances, feedback and review. The University also reserves the right to not offer programmes with low enrolments. For the latest information, please visit our website.

CERTIFICATES OF EDUCATION QUALIFICATIONS AND TRANSCRIPTS
- Transcripts
- Certificates of education

ENGLISH LANGUAGE QUALIFICATIONS
- IELTS
- TOEFL

SAT, ACT, CSAT OR OTHER APTITUDE TESTS
- SAT scores
- ACT scores
- CSAT scores

PERSONAL STATEMENT

PHOTOCOPY OF PASSPORT OR ID

PORTFOLIO
- Architecture
- Filmmaking

HOW TO APPLY FOR AN UNDERGRADUATE DEGREE

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UNDERGRADUATE DEGREE PROGRAMMES

XJTLU has bachelor degree programmes in the areas of engineering, science, architecture and design, mathematics, business, management, language, communication and culture. Depending on their programme, students may choose to study for four years onsite at XJTLU in Suzhou, or study at XJTLU and then transfer to the University of Liverpool in the UK for the final two years of their degree. Regardless of their study route, full-time undergraduate students receive dual degrees upon successful completion of studies.

The quality of our degree programmes is ensured by means of a rigorous quality assurance system established in line with the requirements of the British Quality Assurance Agency, supported by high-calibre academic staff and world-renowned scholars recruited from both China and the rest of the world.

ARCHITECTURE

The department engages with the challenges and contradictions of architecture in China in an open-minded and forward-thinking manner. Students are encouraged to seek answers to the questions facing both local and international architecture today.

BEng ARCHITECTURE

BIological SCIENCES

Biology provides insights into life processes, together with advances in genomics, diagnostics and therapeutic drug development, are having a major impact on humanity. The department aims to make fundamental discoveries as well as to address some of the most pressing challenges facing society.

BSc BIOINFORMATICS

BSc BIOLOGICAL SCIENCES

CHEMISTRY

Chemistry is the foundation of many of today's frontier research, from nano-technology to computer chips, and from green energy to molecular biology. The department's research emphasis focuses mainly on chemical biology and advanced functional materials.

BSc APPLIED CHEMISTRY

CHINA STUDIES

The department teaches and researches China's history and culture, society and politics, business and economics. The department also has an active outreach educational programme for staff at XJTLU and in the wider community.

BA CHINA STUDIES

SCAN TO VIEW ALL OF OUR DEGREE PROGRAMMES

www.xjtlu.edu.cn/en/find-a-programme/?lev=undergraduate
### Communication, Media and TV Arts

The School of Film and English aims to provide solid training in information technology, both software and hardware. Emphasis is placed on the principles of electrical and electronic engineering as well as on more specialised subject areas.

- **BEng Digital Media Technology**
- **BEng Electronic Science and Technology**
- **BEng Mechatronics and Robotic Systems**
- **BEng Telecommunications Engineering**

### Electrical and Electronic Engineering

The department delivers undergraduate and postgraduate programmes, and many of our graduates take further studies at world-leading institutions or start their careers with prestigious employers.

- **BEng Computer Science and Technology**
- **BSc Information and Computing Science**

### English

The department prepares graduates for careers as English-language professionals in the fields of translation, media and communication, finance and international business, linguistics and language education.

- **BA Applied English**
- **BA English and Communication Studies**
- **BA English and Finance**
- **BA English and International Business**

### School of Film and TV Arts

The School aims to provide students with an understanding of theory-informed practice within cinema, broadcast television, the media in its many changing forms, and broader industries including digital media technology and arts, equipping students with an international vision and the language and communication skills to achieve this.

- **BA Digital Media Arts**
- **BA Film and Television Production**
- **BA Filmmaking**

### Mathematical Sciences

The department’s academic staff are internationally recognised for their high-quality research in a number of areas of modern mathematics. The mathematical and computational sciences are among the major research strengths of XJTLU.

- **BSc Actuarial Science**
- **BSc Applied Mathematics**
- **BSc Financial Mathematics**

### Media and Communication

Department of Media and Communication at XJTLU engages with this field by providing excellence in teaching, research, creative work and service to community.

- **BA Communication Studies**

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### Civil Engineering

China is currently witnessing rapid economic transformation, alongside unprecedented urbanisation and civil engineering students will be able to take full advantage of China’s evolution. Graduates are technical professionals with an international outlook that can meet future industrial development requirements.

- **BEng Architectural Engineering**
- **BEng Civil Engineering**

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### Computer Science and Software Engineering

The department delivers undergraduate and postgraduate programmes, and many of our graduates take further studies at world-leading institutions or start their careers with prestigious employers.

- **BEng Computer Science and Technology**
- **BSc Information and Computing Science**

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### Electrical and Electronic Engineering

Programmes are designed to give students solid training in information technology, both software and hardware. Emphasis is placed on the principles of electrical and electronic engineering as well as on more specialised subject areas.

- **BEng Digital Media Technology**
- **BEng Electronic Science and Technology**
- **BEng Mechatronics and Robotic Systems**
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### English

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- **BA English and Finance**
- **BA English and International Business**

### School of Film and TV Arts

The School aims to provide students with an understanding of theory-informed practice within cinema, broadcast television, the media in its many changing forms, and broader industries including digital media technology and arts, equipping students with an international vision and the language and communication skills to achieve this.

- **BA Digital Media Arts**
- **BA Film and Television Production**
- **BA Filmmaking**

### Mathematical Sciences

The department’s academic staff are internationally recognised for their high-quality research in a number of areas of modern mathematics. The mathematical and computational sciences are among the major research strengths of XJTLU.

- **BSc Actuarial Science**
- **BSc Applied Mathematics**
- **BSc Financial Mathematics**

### Media and Communication

Department of Media and Communication at XJTLU engages with this field by providing excellence in teaching, research, creative work and service to community.

- **BA Communication Studies**

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### Civil Engineering

China is currently witnessing rapid economic transformation, alongside unprecedented urbanisation and civil engineering students will be able to take full advantage of China’s evolution. Graduates are technical professionals with an international outlook that can meet future industrial development requirements.

- **BEng Architectural Engineering**
- **BEng Civil Engineering**

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### Computer Science and Software Engineering

The department delivers undergraduate and postgraduate programmes, and many of our graduates take further studies at world-leading institutions or start their careers with prestigious employers.

- **BEng Computer Science and Technology**
- **BSc Information and Computing Science**

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### Electrical and Electronic Engineering

Programmes are designed to give students solid training in information technology, both software and hardware. Emphasis is placed on the principles of electrical and electronic engineering as well as on more specialised subject areas.

- **BEng Digital Media Technology**
- **BEng Electronic Science and Technology**
- **BEng Mechatronics and Robotic Systems**
- **BEng Telecommunications Engineering**

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### English

The department prepares graduates for careers as English-language professionals in the fields of translation, media and communication, finance and international business, linguistics and language education.

- **BA Applied English**
- **BA English and Communication Studies**
- **BA English and Finance**
- **BA English and International Business**

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- **BA Communication Studies**
Modern China presents a wealth of exciting opportunities for architecture students. Against the backdrop of the country’s fast-paced modernisation, the Department of Architecture engages with the challenges and contradictions of architecture in China in an open-minded and forward-thinking manner. Our students benefit from the experiences of our highly international academic staff, and seek answers to the questions facing both local and international architecture today.

As academics and architects we involve ourselves in real debates, challenge common perceptions and evaluate traditions. Our unique location in Suzhou allows in-depth explorations of the dynamics of urban life and designed spaces. Confronted with the city’s past and engaged in its present, our students are guided to design the future.
Creating a distinctive environment in which sustainability in all its facets and urban dimension, and with the issue of global context.

The programme provides you with a comprehensive foundation in architecture. The curriculum is centred on progressively articulated design studios, where students are confronted with various scales of building, from small buildings to the urban dimension, and with the issue of sustainability in all its facets and implications.

These are complemented each semester by lecture-based modules ranging from theory of human-centred architecture, for the emerging design studios, where students are confronted with various scales of building, from small buildings to the urban dimension, and with the issue of sustainability in all its facets and implications.

This is the first Bachelor of Architecture at a Chinese university to receive validation from the Royal Institute of British Architects (RIBA). The Institute commended the department for "creating a distinctive environment in which students learn from an international and Chinese context with an ambition to produce a new type of graduate, with an emphasis on human-centred architecture, for the emerging global context".

By the time you graduate from the BEng Architecture programme, you will have:

- fluency in the productive use of analogue and digital design tools and media;
- an understanding of processes that form and transform urban space, principles of structure and construction, environmental control, and professional practice, as well as knowledge of conventional and innovative materials, processes and techniques related to architectural design and construction;
- the ability to generate competitive, creative and critical design proposals and use the skills and media methods to communicate these proposals clearly and effectively;
- knowledge of architectural history and theory in both the Chinese and international context, as well as an understanding of the role of the architect in the construction industry;
- the ability to evaluate evidence, arguments and assumptions in order to make and present sound judgments both within architectural design discourse and beyond.

Graduate from a programme accredited by RIBA and receive Part 1 validation, with the possibility to register for a Part 2 validated Master through the "Global Professional Architect Track";

Enjoy field trips, internships and study opportunities in China and abroad, including the chance to complete Year Three at Politecnico di Torino in Italy;

Participate in local and international workshops with world-famous architects, as well as guest lectures, exhibitions, competitions and conferences;

Study in world-class facilities including dedicated design studios open 24/7, a materials library, and fabrication and printing workshops equipped with printers, laser cutters, robotic arms and 3D printers;

Enjoy the opportunity to be published in the XJTLU exhibition organised by the department every year;

Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

XJTLU offers its students a direct path to becoming a global professional architect by allowing them to register directly for the Master in Architectural Design during the first year of their studies (conditions apply).

With a dual degree, RIBA validation, and strong communication skills, the opportunities for postgraduate architecture studies and professional creative careers in China and around the world are endless. Our alumni have gone on to study at some of the universities ranked at the very top in the field. Additionally, XJTLU offers its students a direct path to becoming a global professional architect by allowing them to register directly for the Master in Architectural Design during the first year of their studies (conditions apply).

**WHAT YOU WILL LEARN**

**WHY STUDY ARCHITECTURE AT XJTLU?**

**ATTENDANCE**

- **Full time**

2+2 STUDY ABROAD

- **Available**

DURATION

- **Three or four years**

QUALIFICATION

- **BEng Architecture**
- **University of Liverpool BA Architecture**

ACCRREDITATION

- **RIBA Part 1**

**FURTHER STUDY**

YEAR THREE

In Year Three, you will pursue design projects that require the integration of a more complex range of contextual parameters. You will continue to learn about building technology and the history and theory of architecture and urban developments.

ENVIRONMENTAL DESIGN AND SUSTAINABILITY

DESIGN AND BUILDING TYPOLOGY

HISTORY OF ASIAN ARCHITECTURE

SMALL URBAN BUILDINGS

STRUCTURAL DESIGN

URBAN STUDIES

**YEAR ONE**

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

**MODULES**

**ADDITIONAL MODULES REQUIRED BY THE UNIVERSITY**

**INTRODUCTION TO ARCHITECTURE AND VISUAL CULTURE**

**ARCHITECTURAL REPRESENTATION AND COMMUNICATION**

**FURTHER STUDY**

YEAR ONE

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**YEAR TWO**

Year Two provides the basis for the subsequent years of the programme. You will be introduced to the history and theory of architecture, building science, structure and construction as well as building technology.

Experimental studio modules introduce you to the presentation, modelling and design of architectural spaces and small buildings.

**YEAR FOUR**

In the final year, you will demonstrate an understanding of the complexity of architectural design processes from initial concepts to the design of buildings, taking into account human needs and desires as well as structural, material and environmental considerations.

Modules on digital design and building technology, theory, aesthetics and professional practice are designed to support the studio tasks. In Year Four, you will have the opportunity to select studio projects from a series of parallel briefs.

**CAREERS AND FURTHER STUDY**

With a dual degree, RIBA validation, and strong communication skills, the opportunities for postgraduate architecture studies and professional creative careers in China and around the world are endless. Our alumni have gone on to study at some of the universities ranked at the very top in the field. Additionally, XJTLU offers its students a direct path to becoming a global professional architect by allowing them to register directly for the Master in Architectural Design during the first year of their studies (conditions apply).

**ADDITIONAL MODULES REQUIRED BY THE UNIVERSITY**

**INTRODUCTION TO ARCHITECTURE AND VISUAL CULTURE**

**ARCHITECTURAL REPRESENTATION AND COMMUNICATION**

**ARCHITECTURAL TECHNOLOGY**

**SMALL SPACE DESIGN**

**SMALL SCALE ARCHITECTURAL DESIGN**

**HISTORY OF WESTERN ARCHITECTURE**

**INTRODUCTION TO ENVIRONMENTAL SCIENCE**

**HUMANITIES AND ARCHITECTURE**

**CONSTRUCTION AND MATERIALS**
The Department of Biological Sciences has academic staff recruited from top universities and institutes around the world, thriving undergraduate and graduate programmes and first-rate research facilities.

Biological science has become one of the most important and exciting scientific disciplines of the 21st century, and its insights into life processes through genomics, diagnostics and therapeutic drug development are having a major impact on society.

Our department, with its dynamic and highly international staff, aims to make fundamental discoveries as well as to address some of the most pressing challenges facing society.
Graduates from this programme are well prepared for positions such as bioinformatician, biostatistician, computational biologist, genetic counsellor and clinical bioinformatician, as well as other types of biological and biomedical scientist roles. Graduates can also go on to further study in related fields, such as clinical informatics, computational biology, biostatistics, molecular sciences and drug design.

WHAT YOU WILL LEARN

By the time you graduate from the BSc Bioinformatics programme, you will have:

- an understanding of key cell and life processes, as well as major issues and challenges in biomedical sciences;
- the ability to implement cutting-edge computational techniques with modern computing devices;
- an solid foundation in the the emerging field of bioinformatics, which has strong market needs and excellent employment prospects in China and international;
- the knowledge to apply various experimental and computational approaches to tackle real-world biomedical problems.

WHY STUDY BIOINFORMATICS AT XJTLU?

- Gain thorough understanding of bioinformatics and a comprehensive introduction to genetics, cell biology, applied mathematics, biostatistics and key aspects of computer science such as machine learning, artificial intelligence and big data analytics;
- Benefit from XJTLU’s strategic location near many biotechnology companies in BioBay, a national biotechnology hub with more than 400 companies with the opportunity for internships and work experience;
- Learn in a highly international, research-active environment from academic staff trained in globally respected universities and institutes from around the world;
- Enjoy prestigious scientific symposia, conferences and summer schools at the nearby Cold Spring Harbor Asia, which provides you with the chance to interact with world-famous researchers;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for positions such as bioinformatician, biostatistician, computational biologist, genetic counsellor and clinical bioinformatician, as well as other types of biological and biomedical scientist roles. Graduates can also go on to further study in related fields, such as clinical informatics, computational biology, biostatistics, molecular sciences and drug design.

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- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.
Graduates from this programme find career opportunities in the fields of biochemistry, genetics, microbiology, and molecular biology and are well-equipped with the scientific knowledge, experimental techniques, and key skills required by industry, research institutions and universities, and government and public services. Graduates can also choose to go onto the further study in related fields including biotechnology, nanotechnology, chemistry and pharmaceuticals.

### WHAT YOU WILL LEARN

Upon graduation from the BSc Biological Sciences, you will have:

- an understanding of the major issues and challenges in biomedical sciences;
- the ability to understand and describe biological systems;
- the skills to design and conduct experiments and investigations;
- an appreciation of the moral, social, and ethical issues associated with research and development in the biosciences.

### CAREERS AND FURTHER STUDY

Graduates from this programme find career opportunities in the fields of biochemistry, genetics, microbiology, and molecular biology and are well-equipped with the scientific knowledge, experimental techniques, and key skills required by industry, research institutions and universities, and government and public services. Graduates can also choose to go onto the further study in related fields including biotechnology, nanotechnology, chemistry and pharmaceuticals.

### WHY STUDY BIOLOGICAL SCIENCES AT XJTLU?

- Graduate from a programme that has international accreditation by the Royal Society of Biology, assuring excellence in teaching, curriculum provision and technical skills development as well as enhanced graduate employability;
- Benefit from XJTLU’s strategic location near many biotechnology companies in BioBay, a national biotechnology hub with more than 400 companies with the opportunity for internships and work experience;
- Learn in a highly international, research-active environment from academic staff trained in globally respected universities and institutes from around the world;
- Enjoy prestigious scientific symposia, conferences and summer schools at the nearby Cold Spring Harbor Asia, giving you the chance to interact with world-famous researchers;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

### MODULES

#### YEAR ONE

1. **COMPULSORY MODULES:**
   - Introduction to Evolution and Genetics
   - Introduction to Biochemistry
   - Biodiversity of Animals, Plants and Microbes
   - Molecular Biology Principles
   - Biochemical Methods and Analysis
   - Introduction to Statistics
   - The Biology of Microbes
   - Organic Chemistry for Biologists
   - Molecular Biology Techniques

2. **OPTIONAL MODULES:**
   - Chemical Principles of Life
   - Cell Structure and Function
   - Introduction to Bioinformatics
   - Cell Signalling
   - Advanced Genetics
   - Advanced Biochemical Methods

#### YEAR TWO

1. **COMPULSORY MODULES:**
   - Genome Expression and Maintenance
   - Microbiology and Virology
   - Molecular and Cell Biology Techniques
   - Proteins in Action
   - Microbial Biotechnology
   - Structure and Dynamics of Biomolecules
   - Practical Bioinformatics

2. **OPTIONAL MODULES:**
   - Higher Organic Chemistry for Biologists
   - Basic Structure and Function of the Human Body

#### YEAR THREE

1. **COMPULSORY MODULES:**
   - Biology of Disease
   - Molecular Immunology
   - Gene Expression and Genome Analysis
   - Final Year Project (Phase II)
   - Final Year Project (Phase III)

2. **OPTIONAL MODULES:**
   - Protein Structure and Function
   - Biochemical Messengers
   - Biotechnology

### ATTENDANCE

- Full time

### 2+2 STUDY ABROAD

- Available

### DURATION

- Three or four years

### ACCREDITATION

- Royal Society of Biology
Students in the Department of Chemistry benefit from a fast-growing programme and first-rate academic staff as well as multiple operational research and teaching laboratories.

Chemistry has been regarded as the central science of the 21st century. Exciting in itself, it is also interconnected with a number of natural sciences and their subdisciplines such as physics, geology, environmental sciences, biology and medicine.

Chemistry plays an important role in pharmacology and drug discovery, nanotechnology, advanced materials, space research and environmental protection. A degree in chemistry will boost your employment opportunities within the chemical and pharmaceutical industries and provide great prospects in many other fields of industry and academia.
Graduates from this programme go on to become actuaries in a number of sectors including insurance, banking and the government.

In recent years, there has been an increasing trend to recognise that actuarial skills can be applied to a range of roles outside traditional fields, such as agriculture and weather forecasting. Graduates will be well-prepared for careers in companies and organisations that require calculated forecasts and predictions for the future based on mathematics.

**WHAT YOU WILL LEARN**

By the time you graduate from the BSc Applied Chemistry, you will have:

- a strong understanding of fundamental chemistry concepts;
- the skills and knowledge to design and conduct experiments;
- research experience gained by the completion of a final-year research project;
- high-level quantitative and problem-solving skills;
- an appreciation of the application of chemistry in nanotechnology, chemical, pharmaceutical, and clean and renewable energy industries.

**WHY STUDY APPLIED CHEMISTRY AT XJTLU?**

- Tailor your studies to your own area of interest, with a range of classical and modern chemistry modules available;
- Benefit from a low staff-to-student ratio, allowing you to participate in a wide range of practical exercises;
- Undertake an ambitious final-year project, giving you a taste of what a career in research entails.
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

**YEAR ONE**

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

**YEAR TWO**

- INTERMEDIATE ORGANIC CHEMISTRY
- INTERMEDIATE PHYSICAL CHEMISTRY
- FURTHER KEY SKILLS IN CHEMISTRY
- INTERMEDIATE INORGANIC CHEMISTRY
- ANALYTICAL CHEMISTRY
- MEASUREMENTS IN CHEMISTRY
- PREPARATIVE CHEMISTRY: SYNTHESIS AND CHARACTERIZATION

**YEAR THREE**

- ADVANCED ORGANIC CHEMISTRY
- MODERN APPLICATIONS OF PHYSICAL CHEMISTRY
- ADVANCED ANALYTICAL CHEMISTRY
- NANOTECHNOLOGY AND ADVANCED MATERIALS

**YEAR FOUR**

- ADVANCED INORGANIC CHEMISTRY
- MODERN APPLICATIONS OF PHYSICAL CHEMISTRY
- ADVANCED ORGANIC CHEMISTRY
- CHEMICAL DATABASE SKILLS
- FINAL YEAR PROJECT
- INTRODUCTION TO POLYMERS
- INTRODUCTION TO ELECTROCHEMISTRY
- INTRODUCTION TO BIOMATERIALS

**INTERMEDIATE ORGANIC CHEMISTRY**

- INORGANIC APPLICATIONS OF GROUP THEORY
- INTRODUCTION TO BIOLOGICAL CHEMISTRY

**COMPULSORY MODULES**

- INTRODUCTION TO MEDICINAL CHEMISTRY
- INTRODUCTION TO POLYMERS
- INTRODUCTION TO ELECTROCHEMISTRY

**OPTIONAL MODULES**

- ADVANCED NMR SPECTROSCOPY
- ADVANCED INORGANIC CHEMISTRY
- MODERN APPLICATIONS OF PHYSICAL CHEMISTRY
- ADVANCED ANALYTICAL CHEMISTRY
- NANOTECHNOLOGY AND ADVANCED MATERIALS

The final year project will be carried out in a real research environment with real research objectives. At the end of the project, you are required to submit a thesis detailing the background, experiments and discussion of the results of the research undertaken. It will give you a taste of what a career in research entails.
The Department of China Studies teaches and researches China’s history, society, politics and culture. XJTLU’s location in Suzhou creates a live learning laboratory in which to examine both China’s ancient history and fast-paced contemporary society. Learning is enhanced by site visits to Chinese cities such as Chengdu and Xi’an.

Our students gain an in-depth understanding of the world’s most populous nation and largest market. We welcome full-time students into our programme as well as students from other universities who wish to spend a semester or an academic year studying in China. China studies will be of interest to those studying any university degree, but will be of particular interest to students currently studying in the fields of politics, sociology, cultural studies, history and the social sciences. Students also have the opportunity to study the Chinese language during their time at XJTLU.
### BA CHINA STUDIES

The BA China Studies provides you with an in-depth understanding of one of the most important global players of the 21st century - China.

You will learn to apply theories from the humanities and social sciences to your understanding and analysis of China while benefiting from living in country and experiencing the language and culture firsthand.

The programme offers two pathways depending on your career goals. If you are interested in teaching the Chinese language, you can choose the ‘Teaching Chinese as an International Language’ pathway. If you are interested in the study and application of the social sciences, including teaching, you can choose the ‘Contemporary China Studies’ pathway.

All students study the same modules in Years One and Two, allowing you to establish your strengths and interests before selecting your pathway for Years Three and Four.

### WHAT YOU WILL LEARN

By the time you graduate from the BA China Studies programme, you will have:
- an advanced level of proficiency in both English and modern standard Chinese;
- a strong understanding of humanities and social science theories;
- an in-depth understanding of Chinese history and contemporary China’s society, culture, political and economic development.

### WHY STUDY CHINA STUDIES AT XJTLU?

- Experience China first-hand and take advantage of XJTLU’s strategic location in Suzhou - one of the most culturally and economically vibrant places in the country;
- Study a broad range of topics including those related to China’s history and culture, society and politics, and business and economics;
- Benefit from opportunities to undertake fieldwork in different parts of China;
- Learn Chinese, one of the most spoken languages in the world;
- Earn two degrees: an XJTLU degree from the University of Liverpool, a member of the Russell Group of leading UK universities.
- The degree is open to both Chinese and international students and is taught in English. International students who meet academic and English language requirements may enter directly into Year Two.

### CAREERS AND FURTHER STUDY

Graduates from this programme pursue careers in a diverse range of organisations and companies looking to link with China in fields such as international business, economics, financial services, government, diplomacy, journalism, education, development and non-governmental organisations. The programme also offers you a solid foundation for pursuing further study in the humanities and social sciences.

### MODULES

#### YEAR ONE

- UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

#### YEAR TWO

- Choose three from the following:
  - CHINA AND ASIA
  - CHINA: SOCIAL STRATIFICATION AND CHANGE
  - CHINA: REGIONAL DEVELOPMENT
  - CHINA AND THE DIGITAL REVOLUTION
  - MODERN AND CONTEMPORARY CHINESE LITERATURE

#### YEAR THREE

- Choose three from the following:
  - PATHWAY: CONTEMPORARY CHINA STUDIES
    - LOCAL GOVERNMENT IN CHINA
    - WESTERN CHINA
    - CHINA AND ASIA
    - CHINA: INTERNATIONAL TRADE
    - MODERN CHINESE LITERATURE
    - INTERNATIONAL CHINA
    - CHINA: FAMILY AND SOCIETY
    - CHINA: ENTERPRISE AND ENTERPRISE DEVELOPMENT
    - CHINESE LINGUISTICS
    - CHINESE AS A GLOBAL LANGUAGE
    - INTRODUCTION TO SECOND LANGUAGE ACQUISITION

- Choose three from the following:
  - PATHWAY: TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE
    - CHINESE AS A GLOBAL LANGUAGE
    - INTRODUCTION TO SECOND LANGUAGE ACQUISITION

#### YEAR FOUR

- COMPULSORY MODULES:
  - CHINA STUDIES: FINAL YEAR PROJECT
  - PATHWAY: TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE
  - CHINESE AS A GLOBAL LANGUAGE
  - INTRODUCTION TO SECOND LANGUAGE ACQUISITION
  - PATHWAY: CONTEMPORARY CHINA STUDIES
    - SOCIAL POLICY IN CHINA
    - LOCAL GOVERNMENT IN CHINA
    - WESTERN CHINA
    - CHINA AND ASIA
    - CHINA: INTERNATIONAL TRADE
    - MODERN CHINESE LITERATURE
    - INTERNATIONAL CHINA
    - CHINA: FAMILY AND SOCIETY
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    - CHINESE LINGUISTICS
    - CHINESE AS A GLOBAL LANGUAGE
    - INTRODUCTION TO SECOND LANGUAGE ACQUISITION

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  - PATHWAY: TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE
    - CHINESE AS A GLOBAL LANGUAGE
    - INTRODUCTION TO SECOND LANGUAGE ACQUISITION

#### PATHWAY: CONTEMPORARY CHINA STUDIES

- CHINA AND ASIA
- CHINA: SOCIAL STRATIFICATION AND CHANGE
- CHINA: REGIONAL DEVELOPMENT
- CHINA AND THE DIGITAL REVOLUTION
- MODERN AND CONTEMPORARY CHINESE LITERATURE

#### PATHWAY: TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE

- CHINESE AS A GLOBAL LANGUAGE
- INTRODUCTION TO SECOND LANGUAGE ACQUISITION

#### MODULES

- Choose three from the following:
  - INTRODUCTION TO SECOND LANGUAGE ACQUISITION
  - PATHWAY: CONTEMPORARY CHINA STUDIES
    - LOCAL GOVERNMENT IN CHINA
    - WESTERN CHINA
    - CHINA AND ASIA
    - CHINA: INTERNATIONAL TRADE
    - MODERN CHINESE LITERATURE
    - INTERNATIONAL CHINA
    - CHINA: FAMILY AND SOCIETY
    - CHINA: ENTERPRISE AND ENTERPRISE DEVELOPMENT
    - CHINESE LINGUISTICS
    - CHINESE AS A GLOBAL LANGUAGE
    - INTRODUCTION TO SECOND LANGUAGE ACQUISITION

- Choose three from the following:
  - PATHWAY: TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE
    - LOCAL GOVERNMENT IN CHINA
    - WESTERN CHINA
    - CHINA AND ASIA
    - CHINA: INTERNATIONAL TRADE
    - MODERN CHINESE LITERATURE
    - INTERNATIONAL CHINA
    - CHINA: FAMILY AND SOCIETY
    - CHINA: ENTERPRISE AND ENTERPRISE DEVELOPMENT
    - CHINESE LINGUISTICS
    - CHINESE AS A GLOBAL LANGUAGE
    - INTRODUCTION TO SECOND LANGUAGE ACQUISITION

- Choose three from the following:
  - PATHWAY: TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE
    - LOCAL GOVERNMENT IN CHINA
    - WESTERN CHINA
    - CHINA AND ASIA
    - CHINA: INTERNATIONAL TRADE
    - MODERN CHINESE LITERATURE
    - INTERNATIONAL CHINA
    - CHINA: FAMILY AND SOCIETY
    - CHINA: ENTERPRISE AND ENTERPRISE DEVELOPMENT
    - CHINESE LINGUISTICS
    - CHINESE AS A GLOBAL LANGUAGE
    - INTRODUCTION TO SECOND LANGUAGE ACQUISITION

- Choose three from the following:
  - PATHWAY: TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE
    - LOCAL GOVERNMENT IN CHINA
    - WESTERN CHINA
    - CHINA AND ASIA
    - CHINA: INTERNATIONAL TRADE
    - MODERN CHINESE LITERATURE
    - INTERNATIONAL CHINA
    - CHINA: FAMILY AND SOCIETY
    - CHINA: ENTERPRISE AND ENTERPRISE DEVELOPMENT
    - CHINESE LINGUISTICS
    - CHINESE AS A GLOBAL LANGUAGE
    - INTRODUCTION TO SECOND LANGUAGE ACQUISITION

### ATTENDANCE

Full time

### DURATION

Three or four years

### 2+2 STUDY ABROAD

Not Available

### QUALIFICATION

XJTLU
- BA Teaching Chinese to Speakers of Other Language
- University of Liverpool
- BA China Studies
Our programmes are designed to produce engineers with sound knowledge, problem-solving skills and a comprehensive understanding of the multidisciplinary aspects of building design which combine the precision of civil, structural and building services engineering principles as well as the creativity of architecture.

As China is witnessing rapid economic transformation alongside unprecedented urbanisation, civil engineering students will be able to take full advantage of China’s evolution. Our department educates technical professionals with an international outlook who can meet the industrial development requirements of the next century. You will be immersed in both the theory and practice of design and construction. Professors, lecturers and industry professionals from the department provide you with a well-rounded education and in-depth learning of the multidisciplinary interdependence and complexity involved with architectural engineering from the design phase to construction.
The BEng Architectural Engineering programme is designed to produce architectural engineers with strong problem-solving skills and a comprehensive understanding of the multidisciplinary aspects of building.

The principles and precision of civil, structural, and building services engineering and the creativity of architecture are combined to give you a well-rounded education with excellent career prospects.

The programme prepares you for working with sound professional judgement in multidisciplinary teams through the study of a range of modules in both the Department of Civil Engineering and the Department of Architecture.

Upon graduation you will have fully satisfying understanding of the principles of project management, including allocating project resources effectively; how to apply modern construction techniques; and be able to combine professional elements of both civil engineering and architecture.

Upon graduation you will have fully satisfying the educational base for an Incorporated Engineer (IEng) in the Joint Board of Moderators (JBM) in the United Kingdom, and partially satisfying the educational base for a Chartered Engineer (CEng).

### WHAT YOU WILL LEARN

Upon graduation from the BEng Architectural Engineering, you will have:

- A sound knowledge of architectural studies, building services engineering, construction project management and cost estimation, building information modelling, and the core areas of civil engineering including structures, hydraulics, geotechnics and materials;
- Problem-solving skills with the ability to apply a range of qualitative and quantitative techniques in resolving architectural engineering problems;
- Practical knowledge of the key aspects of civil engineering and architectural design practices, completed a building design and construction project that combines professional elements of both civil engineering and architecture;
- An understanding of the principles of project management, including allocating project resources effectively and how to apply modern construction practices to real-world situations.

### WHY STUDY ARCHITECTURAL ENGINEERING AT XJTLU?

- Graduate from a programme accredited by Joint Board of Moderators (JBM) in the United Kingdom, enabling you to become a world-recognised chartered engineer;
- Gain hands-on experience through site visits, field work, workshops led by industry professionals, lab experiments, and the use of computer analysis software and the latest technologies;
- Explore the form and appearance of buildings, their environmental, social, and economic impact, as well as their design and construction within business and commercial context;
- Learn from international academic staff who will provide you with an outstanding learning experience and opportunities to work on current research projects and papers;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

### CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for roles such as structural engineer, project manager, consulting engineer, Building Information Modelling (BIM) engineer, cost estimator, and building envelope designer in the construction and consultancy sectors. The programme also provides a sound basis for further study or a research career in architecture, civil and structural engineering, construction management and engineering or related fields. Most of our graduates go on to study at the world’s top universities in countries such as the UK, USA, Canada, Australiap, New Zealand, and the Netherlands.

### MODULES

#### YEAR ONE

- UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

- You will take fundamental modules that are essential for all civil and architectural engineers and for higher level studies: mathematics, basic structures, materials, fluids, surveying, and management. In addition, three modules from the department of Architecture are integrated to introduce students to the basics of architectural design.

#### YEAR TWO

- Students with certain qualifications are able to directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

- You will take fundamental modules that are essential for all civil and architectural engineers and for higher level studies: mathematics, basic structures, materials, fluids, surveying, and management. In addition, three modules from the department of Architecture are integrated to introduce students to the basics of architectural design.

- Differential Equations for Engineers
- Introduction to Management
- Architectural Technology and Innovation
- Introduction to Materials
- Fluid Mechanics
- Surveying for Architectural Engineers
- Humanities and Architecture
- Solids and Structures
- Integrated Design of Small Buildings

#### YEAR THREE

- Year three will enhance your knowledge in building design and construction projects. You will be offered modules related to structural analysis and design, construction materials and methods, soil mechanics, and project management. In addition, aspects of buildings that are specific to architectural engineers will be taught: building topology and building services engineering.

- Architectural Engineering Project
- Civil Engineering Project Management
- Basic Soil Mechanics
- Construction Materials
- Structural Behaviour and Modelling

#### YEAR FOUR

- In the final year, you will learn more about advanced analysis and design related theory together with real world practical examples. You will be offered modules related to structural design on steel, timber and masonry, foundations, earthquakes, and construction management. The capstone design project will guide you to design a large scale structure. More subjects related to architectural engineering will be introduced, such as cost control and estimation, and building information modelling (BIM). In addition, you will undertake an individual research project of an investigative nature across two semesters of year four.

- Foundation Engineering
- Structural Dynamics
- Construction Cost Control and Estimation
- Construction Management
- Earthquake Engineering
- Capstone Design 2
- Building Information Modelling
- Final Year Project
- Steel Structures
- Timber and Masonry Structures
The BEng Civil Engineering programme provides a theoretically comprehensive and industry-oriented learning experience to ensure that you graduate prepared for a successful career in this dynamic field.

Civil engineers contribute significantly to the development of society by planning, designing, constructing and managing infrastructure. The construction of buildings, bridges, roads, tunnels, ports, harbours, drainage systems and water treatment plants are all carried out by civil engineers.

Upon graduation you will have fully satisfied the educational base for an Incorporated Engineer (IEng) in the Joint Board of Moderators (JBM) in the United Kingdom, and partially satisfied the educational base for a Chartered Engineer (CEng).

Graduates from this programme are well prepared for roles such as structural engineer, project manager, consulting engineer, construction inspector, hydraulic engineer and geotechnical engineer in both the private and public sectors. The programme also offers a strong foundation for further study or a research career with many of our graduates pursuing postgraduate qualifications at some of the world’s top universities.

WHAT YOU WILL LEARN

By the time you graduate from the BEng Civil Engineering programme, you will have:

- completed a civil engineering design project with clearly defined requirements and constraints;
- an understanding of the principles of project management, including allocating project resources effectively;
- the skills to apply modern construction practices in real-world settings;
- the ability to critically apply a range of qualitative and quantitative techniques relevant to the analysis and solution of civil engineering problems.

WHY STUDY CIVIL ENGINEERING AT XJTLU?

- Graduate from a programme accredited by Joint Board of Moderators (JBM) in the United Kingdom, enabling you to become a world-recognised chartered engineer;
- Gain hands-on experience through site visits, field work, workshops led by industry professionals, lab experiments, and the use of computer analysis software and the latest technologies;
- Choose to enroll in the optional exchange programme at the University of Leeds in the United Kingdom for Year Three of your studies;
- Learn from international academic staff who will provide you with an outstanding learning experience and opportunities to work on current research projects and papers;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for roles such as structural engineer, project manager, consulting engineer, construction inspector, hydraulic engineer and geotechnical engineer in both the private and public sectors. The programme also offers a strong foundation for further study or a research career with many of our graduates pursuing postgraduate qualifications at some of the world’s top universities.

MODULES

YEAR ONE
UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of modules together with mathematics, physics, language classes, and core skills for your degree.

YEAR TWO
You will be introduced to the fundamental modules that are essential for civil engineering and for higher level studies. These modules are mathematics, basic structures, materials, fluids, surveying, engineering skills, geology, and management.

YEAR THREE
Year three will help to further develop your fundamental knowledge on various subjects. You will be offered modules related to structural analysis and design, construction materials and methods, hydraulics, soil mechanics and project management. You will also gain experience in designing a small-scale structure considering different aspects of civil engineering in the module Capstone Design 1.

YEAR FOUR
In the final year you will learn more about advanced analysis and design-related theory together with real world practical examples. You will be offered structural design theory on steel, timber and masonry. You will also be offered modules related to foundations, earthquakes, environment and construction management. Capstone design 1 will guide you to design a large scale structure. Finally, you will undertake an individual research project of an investigative nature across two semesters of year 4.

ATTENDANCE
Full time

QUALIFICATION
XJTLU BEng Civil Engineering

University of Liverpool BEng Civil Engineering

DURATION
Three or four years

ACCREDITATION
JBM
Computer systems affect every part of our daily lives as they are used by every conceivable type of organisation. These systems are highly interdisciplinary with historical roots in mathematics, physics and electronics. Over the years, computer scientists and software engineers remain at the cutting edge by creating more intelligent and effective solutions to problems.

The Department of Computer Science and Software Engineering equips its students with a broad knowledge of computer-based systems and the technical skills to work in research, development or technical support. Students learn how to use skills creatively to solve practical problems and how cutting-edge computer technology is developed.

Our highly qualified staff have a diverse range of international experience in teaching, research and working with industry, which, together with our active research and business interactions, benefit our students by enhancing their learning experience and employability.
WHAT YOU WILL LEARN

By the time you graduate from BEng Computer Science and Technology, you will have:

- an understanding of the fundamentals of computer science and electrical and electronic engineering;
- technical skills in mathematics, hardware engineering, software engineering, design and management;
- the ability to apply and combine knowledge, skills and understanding effectively to investigate and resolve complex problems in research and industrial environments.

WHY STUDY COMPUTER SCIENCE AND TECHNOLOGY AT XJTLU?

- Combine the core elements of electrical and electronic engineering with those of computer science to give you a competitive edge in the job market;
- Learn from academic staff trained in globally respected universities and institutes who have collaborated with leading international partners such as Texas Instruments (USA), Synopsys (Ireland/USA), LG (Korea), and IBM (China);
- Engage in research projects with opportunities to present your results at international conferences, publish in leading journals, and undertake a Summer Undergraduate Research Fellowship;
- Gain practical experience with work experience and internships opportunities;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for careers in the information technology industries, electronic design and automation enterprises, electronic and computer equipment manufacturers, project consultancies, and research institutions. The quantitative and other transferable skills you will acquire mean that you could also pursue a career in a non-technical profession such as banking or management. The programme also provides a solid foundation to pursue further study.

 MODULES

YEAR ONE
UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO
ELECTRICAL CIRCUITS I
ENGINEERING MATHEMATICS I
INTRODUCTION TO PROGRAMMING IN JAVA
COMPUTER SYSTEMS
ELECTRONIC CIRCUITS
DIGITAL ELECTRONICS I
INTEGRATED ELECTRONICS AND DESIGN
INTRODUCTION TO DATABASES
C++ PROGRAMMING & SOFTWARE ENGINEERING II
ENGINEERING MATHEMATICS II

YEAR THREE
DIGITAL ELECTRONICS II
ELECTRONIC CIRCUITS AND SYSTEMS

YEAR FOUR
COMPULSORY MODULES:
DIGITAL SYSTEM DESIGN WITH HDL
ANALOGUE AND DIGITAL COMMUNICATIONS II
BIG DATA ANALYTICS
BIO-COMPUTATION
SOFTWARE ENGINEERING II
EMBEDDED COMPUTER SYSTEMS

OPTIONAL MODULES:
MULTI-AGENT SYSTEMS
COMPUTER SYSTEMS SECURITY
FINAL YEAR PROJECT (PHASE I & II) (CSE305)
FINAL YEAR PROJECT (PHASE I & II) (EEE311)

CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS I
INTRODUCTION TO NETWORKING
SOFTWARE ENGINEERING I
MICROPROCESSOR SYSTEMS
ANALOGUE AND DIGITAL COMMUNICATIONS I
INDUSTRIAL AWARENESS AND GROUP PROJECT CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS II
INSTRUMENTATION AND CONTROL SYSTEM
ADVANCED OO PROGRAMMING

ATTENDANCE
Full time

QUALIFICATION
XJTLU
BEng Computer Science and Technology

University of Liverpool
BEng Computer Science and Technology

DURATION
Three or four years
Graduates will be well prepared for positions as software engineers, information system developers, system administrators and other jobs in the information technology and computing industries. The programme also provides a solid foundation for those who want to start their own companies or find employment within specialist fields such as software development, intelligent systems, data science and analysis, information systems, electronic commerce, mobile development and computer games design.

Graduates will also gain a solid foundation for postgraduate study in information and computer science.

**WHAT YOU WILL LEARN**

By the time you graduate from BSc Information and Computing Science, you will have:

- the ability to design and develop computer-based systems;
- the skills to analyse the effectiveness of computer-based systems and the ways in which they may be developed;
- a demonstrated knowledge and understanding of mathematical principles and computational modelling which underpin the study of information and computing science;
- the ability to work as a member of a development team, recognising the distinct roles within a team and different ways of organising teams;
- the capability to perform innovative work using cutting-edge technologies.

**WHY STUDY INFORMATION AND COMPUTING SCIENCE AT XJTLU?**

- Receive in-depth knowledge about both the theory and practice of information and computing science;
- Engage in research under the supervision of staff with the possibility of presenting your results at international conferences and publishing in leading journals;
- Apply for Summer Undergraduate Research Fellowships that allow you to conduct supervised research with financial support;
- Take advantage of student placement opportunities for career development and practical experience to complement your theoretical studies;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

**CAREERS AND FURTHER STUDY**

Graduates will be well prepared for positions as software engineers, information system developers, system administrators and other jobs in the information technology and computing industries. The programme also provides a solid foundation for those who want to start their own companies or find employment within specialist fields such as software development, intelligent systems, data science and analysis, information systems, electronic commerce, mobile development and computer games design.

Graduates will also gain a solid foundation for postgraduate study in information and computer science.

**MODULES**

**YEAR ONE**

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

**YEAR TWO**

**YEAR THREE**

**COMPULSORY MODULES:**
- Decision, Computation and Language
- Introduction to Networking
- Software Engineering I

**OPTIONAL MODULES:**
- Computer Graphics
- Database Development and Design

**YEAR FOUR**

**COMPULSORY MODULES:**
- Final Year Project

**OPTIONAL MODULES:**
- Biocomputation
- Machine Learning
- Big Data Analytics
- Formal Methods
- Mobile Computing
- Multi-Agent Systems
- Technologies for E-Commerce
- Computer Systems Security
- Software Engineering II
- Principles of Computer Games Design

**HUMAN CENTRIC COMPUTING**
- Complexity of Algorithms
- Advanced OO Programming
- Software Engineering Group Project

**SOFTWARE ENGINEERING GROUP PROJECT**

**OPTIONAL MODULES:**
- Software Engineering Group Project

**FINAL YEAR PROJECT**
The Department of Electrical and Electronic Engineering prepares students to excel in one of today’s fastest-changing fields. Our commitment to cutting-edge research and continual programme development helps ensure that students graduate at the forefront of their chosen field and are well-prepared to lead the development of the profession and the field.

Our programmes are designed to give you solid training in both software and hardware. Emphasis is placed on the principles of electrical and electronic engineering as well as more specialised subject areas.
In the BEng Digital Media Technology programme, you will learn how computerised or electronic devices can represent, record, transmit, process, display and interact with multimedia information, such as text, audio, images, video and animations.

Computer science technologies you will learn about include programming, signal and image processing, international networks, computer graphics and game design, and multimedia system management.

Studying this programme will give you a fundamental understanding of electronic engineering and computer science, with an emphasis on digital media technology.

You will receive an understanding of hardware and software systems and how this knowledge can be applied creatively in the media and the arts.

What you will learn

By the time you graduate from the BEng Digital Media Technology, you will have:

- a broad understanding of the hardware and software that support the digital media industries;
- an appreciation of the way hardware and software can be used creatively within the media industries;
- the ability to use your knowledge and skills in the development of new and imaginative digital media projects.

Why Study Digital Media Technology at XJTLU?

- Obtain knowledge and skills that will provide you with great potential to aid society and improve quality of life;
- Take advantage of the fact that the MSc Multimedia Telecommunications programme leading to a University of Liverpool degree is available as an extension course for the BEng Digital Media Technology programme;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.
- The programme is accredited by The Institution of Engineering and Technology (IET).

Careers and Further Study

Graduates from this programme can find employment as engineers within the rapidly growing digital media industries, including internet development, the games industry and information systems management.

Qualification

XJTLU: BEng Digital Media Technology
University of Liverpool: BEng Digital Media Technology

Attendance

Full time

2+2 Study Abroad

Not Available

Duration

Three or four years

Modules

Year One

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

Year Two

Compulsory Modules:

- INTRODUCTION TO NETWORKING
- COMPUTER GRAPHICS
- ANALOGUE & DIGITAL COMMUNICATIONS I
- CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS I
- MICROPROCESSOR SYSTEMS
- INDUSTRIAL AWARENESS AND GROUP PROJECT
- ADVANCED OBJECT-ORIENTED PROGRAMMING
- HUMAN CENTRIC COMPUTING

Optional Modules:

- FINAL YEAR PROJECT (PHASE I & II) (EEE311)
- FINAL YEAR PROJECT (PHASE I & II) (CSE305)
- TECHNOLOGIES FOR E-COMMERCE
- SIGNAL PROCESSING AND DIGITAL FILTERING

Year Three

Electrical Circuits I
- ELECTRONIC CIRCUITS I
- ELECTRONIC CIRCUITS II
- INTRODUCTION TO PROGRAMMING IN JAVA
- DIGITAL ELECTRONICS I
- ENGINEERING MATHEMATICS II
- INTRODUCTION TO DATABASES
- DATA STRUCTURES
- INTRODUCTION TO ARTIFICIAL INTELLIGENCE

Year Four

Compulsory Modules:

- MOBILE COMPUTING
- MULTIMEDIA SECURITY SYSTEMS
- MULTIMEDIA INFORMATION RETRIEVAL AND TECHNOLOGY
- PRINCIPLES OF COMPUTER GAMES DESIGN
- IMAGE PROCESSING
- EMBEDDED COMPUTER SYSTEMS

Optional Modules:

- FINAL YEAR PROJECT (PHASE I & II) (EEE311)
- FINAL YEAR PROJECT (PHASE I & II) (CSE305)
- TECHNOLOGIES FOR E-COMMERCE
- SIGNAL PROCESSING AND DIGITAL FILTERING
WHAT YOU WILL LEARN

By the time you graduate from the BEng Electrical Engineering, you will have:

- a thorough understanding of the fundamentals of electrical and electronic engineering;
- knowledge and skills in mathematics, software engineering, design and management;
- transferable analytical, problem-solving, communications, teamwork and project management skills.

WHY STUDY ELECTRICAL ENGINEERING AT XJTLU?

- Use labs specifically designed for the electrical engineering degree;
- Enjoy an exceptionally low student to workstation ratio (1:3) that gives you the opportunity to perform individual experiments using cutting-edge technology;
- Take field trips to power stations in Suzhou and surrounding cities;
- Take advantage of partnerships with companies such as Littlefuse and REenergy Electric Suzhou Co., Ltd;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates from this programme will be well-prepared for positions such as electric engineers, control and instrumentation engineers, electronic engineers and process engineers, as well as a wide variety of roles in the fields of electronic science and technology and telecommunications engineering.

Graduates will also gain a solid foundation for postgraduate study in electrical engineering or renewable energy technology.

ATTENDANCE
Full time

DURATION
Three or four years

2+2 STUDY ABROAD
Available

QUALIFICATION
XJTLU
BEng Electrical Engineering
University of Liverpool
BEng Electrical and Electronic Engineering
BEng Electrical Engineering

POWER ELECTRONICS AND ELECTRO-MECHANICS
CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS
INSTRUMENTATION AND CONTROL SYSTEM
ANALOGUE & DIGITAL COMMUNICATIONS
ENERGY CONVERSION AND POWER SYSTEMS

YEAR ONE
UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

COMPULSORY MODULES:

- ELECTRONIC CIRCUITS
- ELECTRONIC CIRCUITS I
- C PROGRAMMING & SOFTWARE ENGINEERING I
- ENGINEERING MATHEMATICS I
- ELECTROMAGNETISM AND ELECTROMECHANICS
- DIGITAL ELECTRONICS I
- EXPERIMENTAL, COMPUTER SKILLS AND SUSTAINABILITY
- ENGINEERING MATHEMATICS II
- INTEGRATED ELECTRONICS AND DESIGN

OPTIONAL MODULES:

- C++ PROGRAMMING & SOFTWARE ENGINEERING II
- ENGINEERING DRAWING

YEAR THREE

ELECTRONIC CIRCUITS AND SYSTEMS
ADVANCED ELECTRICAL CIRCUITS AND ELECTROMAGNETICS
CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS I
CMOS DIGITAL INTEGRATED CIRCUITS
DIGITAL ELECTRONICS II
ENGINEERING MATHEMATICS III
MICROPROCESSOR SYSTEMS
INDUSTRIAL AWARENESS AND GROUP PROJECT

YEAR FOUR

COMPULSORY MODULES:

- DRIVES, POWER GENERATION, TRANSMISSION AND RELAYING
- DIGITAL CONTROL AND AUTOMATIC CONTROL
- FINAL YEAR PROJECT (PHASE I & II)
- OPTIMISATION
- PROTECTIVE RELAYING

OPTIONAL MODULES:

- ANALOGUE AND DIGITAL COMMUNICATIONS II
- ANTENNAS
- DIGITAL DESIGN WITH HDL
- ELECTRONICS FOR COMMUNICATIONS
- ELECTRONICS FOR INSTRUMENTATION
- INTEGRATED CIRCUITS - CONCEPTS AND DESIGN
- INFORMATION THEORY AND DATA COMMUNICATIONS
- EMBEDDED COMPUTER SYSTEMS
- INTRODUCTION TO OPTOELECTRONICS AND PHOTONICS
- PHOTONICS AND OPTICAL COMMUNICATION SYSTEMS
- WIRELESS SYSTEMS
- IMAGE PROCESSING
- MICRO AND NANO- MANUFACTURING TECHNOLOGY
- SMART GRID TECHNOLOGIES
- SIGNAL PROCESSING AND DIGITAL FILTERING
Graduates of this programme will be well-prepared for positions in the fields of microelectronic (semiconductor) engineering, electronic engineering and photonic engineering.

The programme will also provide a sound foundation for further studies at masters and PhD levels in microelectronics, electronics and photonics.

WHAT YOU WILL LEARN

By the time you graduate from the BEng Electronic Science and Technology programme, you will have:

- extensive experience in modelling and analytical methods;
- the ability to design a system, component or process based on initial requirements and constraints;
- the skills to use IT tools and computer-aided design systems for modelling, analysis, simulation and design;
- the ability to design and fabricate integrated circuit chips or photonic devices.

WHY STUDY ELECTRONIC SCIENCE AND TECHNOLOGY AT XJTLU?

Strong focus in microelectronics and photonics;

- Use state-of-the-art equipment and tools for developing integrated circuit (IC) design, IC fabrication and application in electronic systems;

- Have access to 5 equipped clean-rooms to apply knowledge learnt from books and lectures;

- Study an IC design module, based on appropriate software, which is unique among Chinese universities;

- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates of this programme will be well-prepared for positions in the fields of microelectronic (semiconductor) engineering, electronic engineering and photonic engineering.

The programme will also provide a sound foundation for further studies at masters and PhD levels in microelectronics, electronics and photonics.

MODULES

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

COMPULSORY MODULES:

C PROGRAMMING & SOFTWARE ENGINEERING

ELECTRICAL CIRCUITS (I)

ELECTRONIC CIRCUITS

ENGINEERING MATHEMATICS (I)

DIGITAL ELECTRONICS (I)

ELECTROMAGNETISM AND ELECTROMECHANICS

INTEGRATED ELECTRONICS AND DESIGN

EXPERIMENTAL, COMPUTER SKILLS AND SUSTAINABILITY

ENGINEERING MATHEMATICS (II)

OPTIONAL MODULES:

C++ PROGRAMMING & SOFTWARE ENGG. II

ENGINEERING DRAWING

YEAR THREE

CMOS DIGITAL INTEGRATED CIRCUITS

CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEM (I)

OPTIONAL MODULES:

INTRODUCTION TO OPTOELECTRONICS AND PHOTONICS

SIGNAL PROCESSING AND DIGITAL FILTERING

YEAR FOUR

COMPULSORY MODULES:

ANALOGUE & DIGITAL COMMUNICATIONS (III)

ELECTRONICS FOR COMMUNICATIONS

ELECTRONICS FOR INSTRUMENTATION

FINAL YEAR PROJECT (PHASE I & II)

INTEGRATED CIRCUITS - CONCEPTS AND DESIGN

DIGITAL SYSTEM DESIGN WITH HDL

EMBEDDED COMPUTER SYSTEMS

MICRO AND NANO-MANUFACTURING TECHNOLOGY

OPTIONAL MODULES:

DIGITAL ELECTRONICS (III)

ADVANCED ELECTRICAL CIRCUITS AND ELECTROMAGNETICS

ELECTRONIC CIRCUITS AND SYSTEMS

ENGINEERING MATHEMATICS (III)

ANALOGUE AND DIGITAL COMMUNICATIONS (II)

CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEM (II)

ENERGY CONVERSION AND POWER SYSTEMS

INDUSTRIAL AWARENESS AND GROUP PROJECT

MICROPROCESSOR SYSTEMS

RF ENGINEERING AND APPLIED ELECTROMAGNETICS

INSTRUMENTATION AND CONTROL SYSTEM

ATTENDANCE

Full time

QUALIFICATION

BEng Electronic Science and Technology

University of Liverpool

BEng Electrical and Electronic Engineering

BEng Electronic Science and Technology

DURATION

Three or four years

2+2 STUDY ABROAD

Available
The BEng Telecommunications Engineering programme will offer you a thorough foundation in telecommunications. You will gain knowledge of design, implementation, testing and industrial applications in the modern field of telecommunications, as well as learn to operate at the cutting-edge of emerging technologies.

**WHAT YOU WILL LEARN**

By the time you graduate from the BEng Telecommunications Engineering, you will have:

- extensive experience in the application of modelling and analytical methods;
- the ability to use IT tools and computer-aided design systems for modelling, analysis, simulation and design;
- the ability to recognise the limitations of principles, models, analyses and methodologies;
- the skills to design a system, component or process based on initial requirements and constraints.

Study the electronics of wireless communications and optical communications technologies for employment in a growing field;

Enjoy use of fully equipped electromagnetism and telecommunication laboratories, as well as the integrated circuit design and power systems modules;

Tailor the programme to your own academic and research interests through a wide range of optional modules;

Study a curriculum that incorporates the latest technological innovations and developments;

By the time you graduate from the BEng Telecommunications Engineering, you will have:

Graduates will be well prepared for positions in fields including the design and development of telecommunications technologies and the maintenance and upgrade of telecommunications infrastructure.

The programme will also provide a sound basis for further studies at masters and PhD levels.

**WHY STUDY TELECOMMUNICATIONS ENGINEERING AT XJTLU?**

- Study the electronics of wireless communications and optical communications technologies for employment in a growing field;
- Enjoy use of fully equipped electromagnetism and telecommunication laboratories, as well as the integrated circuit design and power systems modules;
- Tailor the programme to your own academic and research interests through a wide range of optional modules;
- Study a curriculum that incorporates the latest technological innovations and developments;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

**CAREERS AND FURTHER STUDY**

Graduates will be well prepared for positions in fields including the design and development of telecommunications technologies and the maintenance and upgrade of telecommunications infrastructure.

The programme will also provide a sound basis for further studies at masters and PhD levels.

**MODULES**

**YEAR ONE**

**COMPULSORY MODULES:**

- C PROGRAMMING & SOFTWARE ENGINEERING I
- ELECTRICAL CIRCUITS I
- ELECTRONIC CIRCUITS
- ENGINEERING MATHEMATICS I
- DIGITAL ELECTRONICS I
- ELECTROMAGNETISM AND ELECTROMECHANICS
- INTEGRATED ELECTRONICS AND DESIGN
- EXPERIMENTAL, COMPUTER SKILLS AND SUSTAINABILITY
- ENGINEERING MATHEMATICS II

**OPTIONAL MODULES:**

- C++ PROGRAMMING & SOFTWARE ENGINEERING II
- ENGINEERING DRAWING

**YEAR THREE**

- CMOS DIGITAL INTEGRATED CIRCUITS
- CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS I
- DIGITAL ELECTRONICS II

**YEAR FOUR**

**COMPULSORY MODULES:**

- ADVANCED ELECTRICAL CIRCUITS AND ELECTROMAGNETICS
- ELECTRONIC CIRCUITS AND SYSTEMS
- ENGINEERING MATHEMATICS III
- ANALOGUE & DIGITAL COMMUNICATIONS I
- CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS II
- ENERGY CONVERSION AND POWER SYSTEMS
- INDUSTRIAL AWARENESS AND GROUP PROJECT
- MICROPROCESSOR SYSTEMS
- RF ENGINEERING AND APPLIED ELECTROMAGNETICS
- INSTRUMENTATION AND CONTROL SYSTEM

**OPTIONAL MODULES:**

- ANTENNAS
- ELECTRONICS FOR COMMUNICATIONS
- ELECTRONICS FOR INSTRUMENTATION
- DIGITAL DESIGN WITH HDL
- RADIO PROPAGATION AND MICROWAVE CIRCUITS
- EMBEDDED COMPUTER SYSTEMS
- PHOTONICS AND OPTICAL COMMUNICATION SYSTEMS
- IMAGE PROCESSING
- SIGNAL PROCESSING AND DIGITAL FILTERING
BEng MECHATRONICS AND ROBOTIC SYSTEMS

Mechatronics and robotic systems are new branches in engineering that are applicable to every sector of society. Remotely operated vehicles on Mars, programmable washing machines at home and automated robots in manufacturing assembly lines are just some of the applications of mechatronics and robotic systems. These products are essentially mechanical in nature but could not function without electronics and computer control systems. The BEng Mechatronics and Robotic Systems is a new cutting-edge programme designed to give you the skills and specialist knowledge to succeed in this fast-growing industry.

You will learn how to apply technologies in mechanical engineering, electronics, electrical engineering, control engineering and scientific computing. You will graduate with the ability to design, integrate, and test complete mechatronic systems and products.

WHAT YOU WILL LEARN

By the time you graduate from the BEng in Mechatronics and Robotic Systems, you will have:

- diverse subject-related engineering knowledge with an emphasis on interdisciplinary skills;
- a fundamental grasp of digital computers, electronics and electrical circuits, and mechanical engineering;
- an understanding of signal processing, control systems, engineering structures, digital electronics, and micro-processing systems;
- the ability to work in a team, with an emphasis on leadership and independent problem solving skills;
- advanced skills in embedded computer systems, industrial automation and robot control, supplemented with a specialisation in an area of your interest (e.g. visual-based control systems) during your final year elective and project.

WHY STUDY MECHATRONICS AND ROBOTIC SYSTEMS AT XJTLU?

- Learn in cutting-edge facilities with mechatronics laboratories equipped with comprehensive development kits that support you to work on robot-based research projects such as autonomous cars, bionic robots, and quad-copters;
- Use and master state-of-the-art industrial software and hardware platforms to put acquired knowledge into practice, and to invent, design, develop, analyse, and operate mechatronic systems;
- Gain industry experience with opportunities to participate in field trips, site visits and internships in robotics and automation companies in the Yangtze River Delta region;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates from this programme enjoy excellent career prospects due to the trends of ‘Industry 4.0’ and ‘Sustainable Development’. Graduates may find employment in a variety of local, national, and international engineering companies who are looking for professionals with specialist mechatronics and industrial automation systems skills as well as a well-rounded, multidisciplinary engineering education.

MODULES

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

- ENGLISH LANGUAGE AND STUDY SKILLS III FOR ENGINEERING
- C PROGRAMMING & SOFTWARE ENGINEERING (II)
- ELECTRICAL CIRCUITS (II)
- ELECTRONIC CIRCUITS
- ENGINEERING MATHEMATICS (II)
- SOLIDS AND STRUCTURES
- DIGITAL ELECTRONICS
- EXPERIMENTAL, COMPUTER SKILLS AND SUSTAINABILITY
- ENGINEERING DRAWING
- ENGINEERING MATHEMATICS (III)
- INTRODUCTION TO MECHATRONICS

YEAR THREE

- FLUID MECHANICS AND VECTOR FIELDS FOR ENGINEERING
- ENGINEERING STRUCTURES
- CONTINUOUS AND DISCRETE SIGNALS AND SYSTEMS (II)
- DIGITAL ELECTRONICS (III)
- ELECTRONIC CIRCUITS AND SYSTEMS

YEAR FOUR

- MECHANICAL ENGINEERING DESIGN
- DYNAMIC SYSTEMS
- CONTINUOUS AND DISCRETE SIGNALS AND SYSTEMS (II)
- MICROPROCESSOR SYSTEMS
- INSTRUMENTATION AND CONTROL SYSTEMS

OPTIONAL MODULES:

- ELECTRONICS FOR INSTRUMENTATION
- DIGITAL CONTROL AND AUTOMATIC CONTROL
- DRIVES, POWER GENERATION, TRANSMISSION AND RELAYING
- DIGITAL SYSTEM DESIGN WITH VHDL
- MACHINE LEARNING
- MULTI-AGENT SYSTEMS
- DATA COMMUNICATION
- EMBEDDED COMPUTER SYSTEMS
- SMART GRID TECHNOLOGIES
- PATTERN RECOGNITION IN COMPUTER VISION
- PHOTONICS AND OPTICAL COMMUNICATION SYSTEMS
- OPTIMISATION
- SIGNAL PROCESSING AND DIGITAL FILTERING

ATTENDANCE

Full time

QUALIFICATION

XJTLU BEng Mechatronics and Robotic Systems

University of Liverpool BEng Mechatronics and Robotic Systems

2+2 STUDY ABROAD

Available

DURATION

Three or four years

XJTLU
DEPARTMENT OF ENGLISH

The Department of English trains English-language professionals for careers in the fields of education, finance and business. Our graduates are highly sought after in domestic and international job markets and are well-prepared for employment in corporate communications, internet ventures, and, of course, education. Graduates are also well-positioned to excel in postgraduate studies in a variety of fields. Our learning environment enables students to adapt to western educational culture and to become lifelong learners. The innovative interdisciplinary design of each of our programmes prepares students for the range of opportunities and challenges they will meet in their future careers.
In addition to gaining employment in language-related fields, graduates from this programme have received offers to pursue further study in leading universities in China, Australia, Japan, the United Kingdom and the United States. Fields of further study include English language teaching, speech pathology, translation and interpreting, applied linguistics, Asian studies, and literature.

WHAT YOU WILL LEARN

By the time you graduate from the BA Applied English programme, you will have:

- the skills to approach the study of English language and literature using a number of different techniques;
- the ability to use advanced approaches in the analysis of language;
- professional skills in the practice of translation and interpreting;
- an advanced awareness of Anglophone, Chinese, and international perspectives on the use of language;
- high levels of proficiency in oral and written communication in English.

WHY STUDY APPLIED ENGLISH AT XJTU?

- Become a professional communicator in an international setting;
- Learn in an international environment, where every day you can put into practice your studies of language, linguistics and translation;
- Prepare for further study by obtaining a versatile undergraduate qualification;
- Choose to study entirely in Suzhou, China, or transfer to the University of Liverpool in the United Kingdom in the final two years;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

In addition to gaining employment in language-related fields, graduates from this programme have received offers to pursue further study in leading universities in China, Australia, Japan, the United Kingdom and the United States. Fields of further study include English language teaching, speech pathology, translation and interpreting, applied linguistics, Asian studies, and literature.

MODULES

YEAR ONE
Qualified students can be accepted into Year Two, which is the start of the main academic programme. Most students will however enter into Year One, which provides a range of foundational modules and language classes.

YEAR TWO
SOUNDS OF ENGLISH
INTRODUCTION TO LINGUISTICS
INTRODUCTION TO CLOSE READING: APPROACHES TO LITERARY STUDY
ENGLISH AS A GLOBAL LANGUAGE
INTRODUCTION TO CORPUS LINGUISTICS
LITERATURE IN CONTEXT
SYNTAX
LITERARY THEORY

YEAR THREE
COMPULSORY MODULES:
LITERATURE OF THE ENLIGHTENMENT
LANGUAGE AND SOCIETY
SEMANTICS AND PRAGMATICS
OPTIONAL MODULES:
ADVERTISING AND THE MEDIA
TRANSLATION
LITERATURE AND GENDER
INTERPRETING

YEAR FOUR
COMPULSORY MODULES:
FINAL YEAR PROJECT
OPTIONAL MODULES:
TECHNICAL TRANSLATION
JANE AUSTEN
BILINGUALISM
LANGUAGE AND MIND
LANGUAGE AND GENDER
POSTCOLONIAL LITERATURE

QUALIFICATION
XJTU
BA English
University of Liverpool
BA Applied English

ATTENDANCE
Full time

2+2 STUDY ABROAD
Available

DURATION
Three or four years
# BA English and Communication Studies

Communications and the media play an increasingly central role in modern society, economics and politics, making English, the global communications language, more important than ever before.

As a student of the BA English and Communication Studies programme, you will have access to almost all of the modules offered in the Department of English and School of Film and TV Arts.

The unique level of choice and flexibility available in this programme makes it ideal for both international and domestic students. Like our other English programmes, it offers modules on translation and interpreting between English and Chinese, as well as a unique specialised module on literary translation. However, because these modules are not compulsory, both international and domestic students can follow alternative routes.

## What You Will Learn

By the time you graduate from the BA English and Communication Studies, you will have:

- the skills to communicate professionally in English, within the context of journalism and the media;
- an understanding of the theories and analytical techniques associated with linguistics, literature, culture and communication;
- the ability to apply your knowledge and skills to solve practical challenges and problems within the context of journalism and the media;
- both strong English language skills and a combination of critical and theoretical knowledge;
- intellectual, interpersonal and technical skills that are highly valued by employers.

## Why Study English and Communication Studies at XJTLU?

- Access a full range of modules in our specialist areas of English language and literature, and communication and media;
- Have more options than any other degree programme - during Years Two to Four, you can choose 18 modules from a more than 40 options; in Years Three and Four all subject modules are optional;
- Gain an understanding of the changing use of language and other forms of communication, along with the ways in which they inform and influence contemporary society;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

## Careers and Further Study

Graduates of this programme will be attractive employees in globalised workplaces and may be employed in journalism, broadcasting or advertising. Graduates will also be well prepared for positions including management trainee, professional translator or interpreter, teacher of English as a foreign language and positions in retailing, computing and librarianship.

Additionally, the programme provides a solid foundation for postgraduate study in English language, English literature and communications.

## Modules

### Year One

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

#### Year Two

- **Compulsory Modules:**
  - Introduction to Linguistics
  - Introduction to Close Reading: Approaches to Literary Study
  - Analysing Communication
  - Choose One from the Following:
    - Literature in Context
    - Literary Theory
    - Introduction to Corpus Linguistics
  - Syntax
  - Choose Two Options in Communication from the Following:
    - Advertisements and the Media
    - Translation
    - Literature in the Enlightenment
    - Literature and Gender
    - Language and Society
    - Semantics and Pragmatics
  - Choose Two Options in Communication from the Following:
    - Media Theory
    - Research Methods in Media and Communication

### Year Three

Choose Two Options in English from the Following:
- Advertisements and the Media
- Translation
- Literature in the Enlightenment
- Literature and Gender
- Language and Society
- Semantics and Pragmatics
Choose Two Options in Communication from the Following:
- Media Theory
- Research Methods in Media and Communication

### Year Four

Choose One FYP Option:
- Final Year Project (English)
- Final Year Project (Communications)

Choose Three Options from the Following:
- Conference Interpreting
- Analyzing Text
- Advanced Literature: British Romanticism
- Technocultures
- Chinese Linguistics
- Historical Linguistics
- European Cinema
- Theoretical Debates in Film Studies
- Documentary

Choose Three Options from the Following:
- Interpersonal Communication in the Workplace
- Language and Literature
- Advanced Literature: Approaches to Modern Poetry
- Language of the Law
- Applied Linguistics
- The Gothic
- Postmodern Literature
- Intercultural Communication
- Portrayal of China in Western Media
- Animation
WHAT YOU WILL LEARN

By the time you graduate from the BA English and Finance programme, you will have:

- the ability to communicate professionally in English, using the language confidently to analyse financial issues;
- the skills to apply a range of accounting and quantitative techniques;
- a good working knowledge of financial economics and financial markets.

WHY STUDY ENGLISH AND FINANCE AT XJTLU?

- Gain insights into the language of specialist domains such as the business and finance world;
- Choose from options in mathematics, finance and economics to develop and extend your knowledge of finance-related statistical methods;
- Use your strengths in the English language and linguistics to gain deeper insights into the use of language across different domains;
- Acquire the intellectual, interpersonal, technical, and strong language skills highly valued by employers;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates from this programme will be well-prepared for positions such as administrative, managerial, accounting and consultancy positions within international organisations, as well professional translator or interpreter.

Graduates may also choose to go onto further study in the areas of English language and finance.
The interdisciplinary BA English and International Business programme combines the subjects of English language and international business 50-50 with the aim of producing graduates who have an excellent command of English and a critical awareness of the use of language in a business context.

English modules offer a wide choice of topics, such as linguistics, literature, interpreting and translation. In International Business modules, you will study marketing and international management alongside students in XJTLU’s International Business School Suzhou (IBSS).

Graduates from this programme will be well-prepared for positions such as administrative and managerial positions in industry, business, the financial sector, local government and civil service, as well professional translator or interpreter.

Graduates may also choose to go onto further study in the areas of English language and international business.
SCHOOL OF FILM AND TELEVISION ARTS

The School of Film and Television Arts mixes digital media arts and film and television production and technology with performance and acting. Research and teaching within the school takes place in areas such as communications studies, media technology, media theory, film post production and CG effects. State-of-the-art facilities support both students in the practical application of the skills they learn and academic staff in their research work.
BA DIGITAL MEDIA ARTS

China is one of the fastest growing places in the world for digital media consumption, and you have a chance to be part of it.

Have you ever wanted to create content for social media platforms? Have you ever had the burning desire to communicate your creative thoughts with a worldwide audience? If you have ever wanted to show off your skills in animation, wow the world through visual effects, or tell creative stories in innovative ways, then this is the programme for you.

BA Digital Media Arts is an intense practice-based, technology-driven programme where you will create digital assets for 21st century media consumption. Your practice will include post production, motion design, compositing, coding and visual effects (VFX).

You will be required to be creative, but with an enquiring mind which understands audiences and future media trends. You will learn to negotiate a fast-paced 21st century technological world.

WHAT YOU WILL LEARN

By the time you graduate from the BA Digital Media Arts programme, you will have:

- a full awareness of your creative potential as a digital media artist, with the ability to take your knowledge, specialist skills and understanding into the world of work using creative, intellectual, analytical and research skills;
- an informed, creative and critical approach both to understanding digital media, culture and communications in contemporary society, and also to your own forms of media, communicative and expressive practice;
- an understanding of production processes and professional practices within digital media, cultural and creative industries;
- competency in the management and operation of production technologies, procedures and processes;
- the ability to engage with and to advance creative processes in one or more forms of digital media or cultural production.

WHY STUDY DIGITAL MEDIA ARTS AT XJTLU?

- Experience a cutting-edge, technology-driven, project-based curriculum in a collaborative, teamwork-based ethos;
- Learn in new state-of-the-art facilities, including a Motion Capture rig, green screen and VFX facilities and take advantage of a fully functional digital media lab on campus;
- Learn from international staff with industry expertise and industry guest speakers;
- Set opportunities for work experience and live projects;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates from this programme will be well-prepared for positions such as Motion designer, content creative for Web, post-production editor, 2D/3D animator, concept designer, VFX artist, and digital media entrepreneur.

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

COMPULSORY MODULES:
- ANALYSING COMMUNICATION
- VISUAL THINKING
- INTRODUCTION TO JAVA PROGRAMMING
- INTRODUCTION TO DIGITAL MEDIA ARTS
- INTRODUCTION TO DATABASES
- INTRODUCTION TO TV STUDIO PRODUCTION

OPTIONAL MODULES:
- COMMUNICATION IN CHINA
- PERSPECTIVES ON VISUAL MEDIA
- SCREEN WRITING FOR FILM AND TV

YEAR THREE

COMPULSORY MODULES:
- COMPUTER GRAPHICS
- TV STUDIO PRODUCTION II

YEAR FOUR

EXPERIMENTAL FILM PRACTICES
- MEDIA THEORY
- DESIGN FOR THE INTERNET
- MINOR DIGITAL ARTS PROJECT
- VISUAL EFFECTS

OPTIONAL MODULES:
- SOFTWARE ENGINEERING I
- STUDIO: CONCEPT GENERATION AND INTERACTION
- FINAL YEAR PROJECT
- DIGITAL MEDIA ARTS PROJECT
- POST PRODUCTION

OPTIONAL MODULES:
- EUROPEAN CINEMA
- THEORETICAL DEBATES IN FILM STUDIES
- PRINCIPLES OF COMPUTER GAME DESIGN
- SONIC ART AND SOUND DESIGN FOR DIGITAL MEDIA
- ANIMATION
WHAT YOU WILL LEARN

By the time you graduate from the BA Film and Television Production, you will have:

- A full awareness of your creative potential as a content creator, with the ability to take your knowledge, specialist skills and understanding into the world of media industries;
- Knowledge of production techniques, research and routines/processes within the media industries;
- Advanced, specialist skills in professional practices, contexts and research processes within the broadcast television and digital video production industries;
- A high level of communication skills in the presentation of creative, critical, professional work;
- The ability to produce work that is informed by and contextualised within relevant theoretical issues and debates.

WHY STUDY FILM AND TELEVISION PRODUCTION AT XJTLU?

- Enjoy new, state-of-the-art facilities that include filming equipment, a fully functional digital media lab, cutting-edge studios with multicamera setups and a cinema for student project screenings;
- Learn to use project management and other international industry software;
- Learn from international, award-winning staff with industry expertise, and industry guest speakers;
- Experience a collaborative, project-based program, with the possibility of working on live projects and opportunities for work experience;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

WHAT YOU WILL LEARN

By the time you graduate from the BA Film and Television Production, you will have:

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- Learn to use project management and other international industry software;
- Learn from international, award-winning staff with industry expertise, and industry guest speakers;
- Experience a collaborative, project-based program, with the possibility of working on live projects and opportunities for work experience;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates will be well prepared for positions in a modern media landscape, including those of producer, director, writer, content creator and social media platforms, cinematographer, sound designer, post-production editor, advertising creative and digital media entrepreneur. Typically, graduates will either work in a large media company or start up a company of their own.

EXPERIMENTAL FILM PRACTICES
DOCUMENTARY THEOR
TV STUDIO PRODUCTION 2
DOCUMENTARY PRODUCTION
DRAMA PRODUCTION
HISTORY OF BROADCASTING

OPTIONAL MODULES:
CHINESE CINEMA
TRANSLATION
LITERATURE OF THE ENLIGHTENMENT

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

COMPULSORY MODULES:
ANALYSING COMMUNICATION
MEDIA PRODUCTION
INTRODUCTION TO FILM AND TELEVISION
SCREENWRITING FOR FILM AND TV
TV STUDIO PRODUCTION 1
FICTION THEORY AND PRACTICE

OPTIONAL MODULES:
JOURNALISM THEORY AND PRACTICE
MEDIA MANAGEMENT
COMMUNICATION IN CHINA
INVESTIGATIVE JOURNALISM

YEAR THREE

COMPULSORY MODULES:
MEDIA THEORY

YEAR FOUR

COMPULSORY MODULES:
FINAL YEAR PROJECT
MAJOR PRODUCTION PROJECT
POST-PRODUCTION

OPTIONAL MODULES:
EUROPEAN CINEMA
THEORETICAL DEBATES IN FILM STUDIES
CHINESE THEATRE AND PERFORMANCE
ANIMATION
SONIC ART AND SOUND DESIGN FOR DIGITAL MEDIA
PORTRAIT OF CHINA IN WESTERN MEDIA
Watching films has become China’s national pastime. There is a thirst for stories that hold audiences spellbound; and you can now learn how to tell them.

Have you ever sat in a cinema and thought, ‘I want to tell stories like that’? Have you ever wanted to work on real film productions with real movie stars? If you have the passion to communicate your thoughts and your stories on the big screen, this programme is for you.

The BA Filmmaking is a practice-based programme that fosters creativity, entrepreneurship and innovation. You will learn to make films both for the small screen and for cinema consumption.

Your practice will include notions of the creative producer, directing for both documentaries and drama, story telling, cinematography, sound design, and editing, as well as marketing films worldwide.

### WHAT YOU WILL LEARN

By the time you graduate from BA Filmmaking, you will have:

- an awareness of your potential as a content creator, with the ability to take your knowledge, specialist skills and understanding into the world of work;
- advanced and specialist skills in filmmaking, including specific knowledge of production techniques, research and creative processes within your area of specialization;
- the ability to use theoretical understanding to inform practice, and practice to inform theory;
- high-level skills in critical thinking and communication, with the capacity for both self-reflection and working collaboratively;
- an entrepreneurial mindset, with the ability to think like an entrepreneur in marketing yourself and your projects.

### WHY STUDY FILMMAKING AT XJTLU?

- Learn in an industry-standard, purpose-built film school building operational from 2020, with world-class facilities including high-end cameras, a fully functional digital media lab, a television studio, motion capture facilities, a sound stage and even a cinema;
- Study project-management and other international film and television industry-standard software;
- Learn from award-winning international staff and industry professionals;
- Gain practical experience through industry work experience opportunities, and the chance to create your own films and work on live projects;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education, and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

### CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for positions such as producer, director, screen writer, content producer, advertising creative, cinematographer, sound designer, post-production editor, and digital media entrepreneur. Graduates may pursue employment in a large media company, or be entrepreneurial and start up a company of their own.

### MODULES

#### YEAR ONE

- UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

#### YEAR TWO

- COMPELLARY MODULES:
  - DOCUMENTARY THEORY AND PRACTICE
  - INTRODUCTION TO FIELDWORK
  - INVESTIGATION OF CHINESE CINEMA
  - DOCUMENTARY CRAFT
  - INTRODUCTION TO THE ART OF CINEMATOGRAPHY
  - THE ART OF SOUND
  - THE ART OF PRODUCTION
  - CHINA AND THE DIGITAL REVOLUTION
  - GLOBAL MEDIA AND ENTERTAINMENT

#### YEAR THREE

- COMPELLARY MODULES:
  - CHINESE CINEMA
  - DOCUMENTARY CRAFT
  - SCREENWRITING CRAFT AND PRACTICE
  - PRODUCING CRAFT AND PRACTICE
  - THE ART OF CINEMATOGRAPHY
  - THE ART OF SOUND
  - THE ART OF POST-PRODUCTION
  - EXPERIMENTAL FILM PRACTICES
  - THE MUSIC PROMO
  - CHINA AND THE DIGITAL REVOLUTION
  - GLOBAL MEDIA AND ENTERTAINMENT

### QUALIFICATION

- **XJTLU**
  - BA Filmmaking
- **University of Liverpool**
  - BA Filmmaking

### ATTENDANCE

- **Full Time**

### DURATION

- **Three or four years**
The Department of Mathematical Sciences has a strong reputation for student achievement and success. Our academic staff are internationally recognised for their high-quality research in a number of areas of modern mathematics. The mathematical and computational sciences are among the major research strengths of XJTLU, and our department is strongly committed to excellence in research and teaching.

The study of mathematics goes well beyond the improvement of a student’s numeracy skills; it emphasises the development of strong analytical decision-making, modelling and forward-thinking skills as well as the importance of logical reasoning. Such skills are essential in many domains and are highly regarded by employers. For this reason, a degree in mathematics is held in high esteem in many other professional fields providing opportunities to pursue a multitude of careers.
**BSc ACTUARIAL SCIENCE**

The BSc Actuarial Science programme is designed to produce graduates who are capable of solving real-world problems involving risk and uncertainty using mathematical tools. You will learn how to predict future uncertainty, analyse and evaluate potential risks, and make calculated forecasts for the future.

During the programme, you will study a range of modules in economics, finance, business and mathematics to prepare you for a career working as an actuary across a number of industries. Industries where actuaries are employed include the insurance, banking and government sectors, where they work to calculate costs, determine premiums, develop derivative products, manage risk, forecast the future and ensure compliance with regulatory laws.

The actuarial profession involves the application of mathematics through probability and statistics tools to analyse risk for future uncertainty.

**WHAT YOU WILL LEARN**

By the time you graduate from the BSc Actuarial Science, you will have:

- a solid understanding of the key areas of actuarial sciences;
- the professional skills required to work as an actuary, pending certification completion;
- a strong foundation in mathematics, probability and statistics;
- the ability to analyse risk in a variety of real-world situations.

**WHY STUDY ACTUARIAL SCIENCE AT XJTLU?**

- Gain the skills, knowledge and training needed to prepare for the professional actuarial exams, which are required for actuaries to gain international certification and licensing;
- Benefit from XJTLU’s strategic location in Suzhou, close to China’s financial centre Shanghai, with opportunities to undertake internships and work placements at Fortune 500 companies;
- Study an actuarial programme accredited by the Institute and Faculty of Actuaries, the professional body for actuaries in the United Kingdom;
- Undertake modules in XJTLU’s Department of Mathematical Sciences - the research-led teaching environment in department will enrich the learning experience of students;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

**CAREERS AND FURTHER STUDY**

Graduates from this programme go on to become actuaries in a number of sectors including insurance, banking and the government.

In recent years, there has been an increasing trend to recognise that actuarial skills can be applied to a range of roles outside traditional fields, such as agriculture and weather forecasting. Graduates will be well-prepared for careers in companies and organisations that require calculated forecasts and predictions for the future based on mathematics.

**MODULES**

**YEAR ONE**

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

**YEAR THREE**

**COMPULSORY MODULES:**

- Introduction to Financial Accounting
- Principles of Microeconomics
- Introduction to Probability and Statistics
- Advanced Linear Algebra
- Analysis I
- Theory of Interest
- Foundations of Financial Computing
- Principles of MacroEconomics
- Introduction to Finance

**OPTIONAL MODULES:**

- Economics I
- Financial Reporting
- Security Markets
- Macroeconomics II

**YEAR THREE**

**COMPULSORY MODULES:**

- Life Insurance Mathematics I
- Sampling and Hypothesis Testing
- Statistical Distribution Theory

**ATTENDANCE**

- Full time
- 2+2 Study Abroad

**QUALIFICATION**

- XJTLU: BSc Actuarial Science
- University of Liverpool: BSc Actuarial Science
- BSc Actuarial Mathematics
- BSc Mathematics with Finance

**DURATION**

- Three or four years

**QUALIFICATION**

- Bachelor of Science (Actuarial Science)

**XJTLU**
BSc APPLIED MATHEMATICS

Mathematics underpins much of modern world and is fundamental to science, technology, business and finance. In the BSc Applied Mathematics programme you will study essential mathematical topics as well as a range of different applications. The programme emphasises versatile mathematical modelling techniques and offers a wide selection of optional modules, allowing you to follow your individual interests and career plans.

Through studying mathematics you will acquire highly flexible skills that will last a lifetime, including strong analytical abilities, problem-solving skills and an appreciation of the importance of logical reasoning. You will also develop computational proficiency and learn how mathematical modelling can be used to analyse real-world problems. These skills are vital to many industries and are highly sought-after by employers.

WHAT YOU WILL LEARN

By the time you graduate from BSc Applied Mathematics, you will have:

- a solid understanding of the core areas of mathematics including analysis, linear algebra, differential equations and statistics;
- the ability to reason clearly and critically, and to construct mathematical arguments;
- the ability to analyse a mathematical problem and select appropriate tools to solve it;
- the ability to construct and assess mathematical models for real-world problems;
- research experience gained through the completion of a final year research project;
- the ability to communicate mathematical information and ideas in English to both specialist and non-specialist audiences.

WHY STUDY APPLIED MATHEMATICS AT XJTLU?

- Join a vibrant learning environment of around 700 undergraduate students;
- Learn from expert mathematicians, trained in globally respected universities and engaged in research on a diverse range of topics;
- Gain experience in mathematical modelling and see how mathematics can be used to make an impact in the world;
- Enjoy the flexibility to choose modules to suit your individual interests from different application areas of mathematics, including finance, statistics and physics;
- Get the chance to undertake the Visiting Study Abroad Programme to study in the USA during Year Three at the prestigious Michigan State University;
- Benefit from XJTLU’s location in the Suzhou Industrial Park, where there are opportunities to undertake internships at a variety of multinational companies and financial and technological institutions;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

A BSc Applied Mathematics degree provides access to a wide range of rewarding career paths. Graduates are highly valued in the job market and are employed as analysts, modelers, data scientists, statisticians and managers in industries such as finance, information technology, biotechnology, consultancy, and in government.

Many of our graduates choose to continue their studies at postgraduate level in the areas of applied mathematics, pure mathematics, financial engineering, mathematical modelling, data science, machine learning, actuarial science and statistics. An increasing number of our graduates go on to further studies at renowned universities overseas such as Harvard University and the University of Pennsylvania in the USA and the University of Cambridge and Imperial College London in the UK.

MODULES

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

INTRODUCTION TO THE METHODS OF APPLIED MATHEMATICS
DYNAMIC MODELLING

YEAR THREE

COMPULSORY MODULES:
FLUID MECHANICS AND VECTOR FIELD THEORY
ORDINARY DIFFERENTIAL EQUATIONS AND CONTROL
COMPLEX FUNCTIONS
NUMERICAL ANALYSIS
PARTIAL DIFFERENTIAL EQUATIONS

OPTIONAL MODULES:
INTRODUCTION TO FINANCIAL MATHEMATICS
STATISTICAL DISTRIBUTION THEORY
CLASSICAL MECHANICS
METRIC SPACES
INTRODUCTION TO OPERATIONAL RESEARCH

YEAR FOUR

COMPULSORY MODULES:
FINAL YEAR PROJECT

OPTIONAL MODULES:
GEOMETRY OF CURVES AND SURFACES
RISK MANAGEMENT
POPULATION DYNAMICS
QUANTUM MECHANICS
APPLIED PROBABILITY
MATHEMATICAL MODELS OF SOLIDS AND FLUIDS
RELATIVITY
FUNCTIONAL ANALYSIS
OPTIMISATION THEORY
BSc Financial Mathematics

The BSc Financial Mathematics programme is designed to equip you with the specialist mathematical knowledge and quantitative skills that are required by many financial organisations. It focuses on the application of theories to financial practice.

Careers and Further Study

BSc Financial Mathematics graduates’ quantitative skills are in high demand; you will be well prepared for positions in finance, insurance and banking.

The programme also provides a strong basis for postgraduate study in the fields of mathematics and finance.

What You Will Learn

By the time you graduate from the BSc Financial Mathematics, you will have:

- an understanding of key areas of technical mathematics and statistics;
- a broader knowledge of accounting techniques, finance and economics;
- the ability to analyse real-world financial problems using quantitative methods.

Why Study Financial Mathematics at XJTLU?

- Learn from staff in various departments including Mathematics, International Business School Suzhou, and Computer Science and Software Engineering;
- Receive training and preparation for exams required for international certification and licensing;
- Take advantage of proximity to Shanghai, China’s financial centre, where potential internships and work placements at Fortune 500 companies are located;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

Modules

Year One

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

- Introduction to Probability and Statistics
- Introduction to Financial Accounting
- Principles of Microeconomics
- Real Analysis for Financial Mathematics
- Introduction to Finance
- Principles of Macroeconomics
- Foundations of Financial Computing
- Introduction to the Methods of Applied Mathematics

Year Two

You will be introduced to business, financial, mathematical and economic principles through the study of:

- Introduction to Probability and Statistics
- Introduction to Financial Accounting
- Principles of Microeconomics
- Real Analysis for Financial Mathematics
- Introduction to Finance
- Principles of Macroeconomics
- Foundations of Financial Computing
- Introduction to the Methods of Applied Mathematics

Year Three

You will develop your knowledge of statistical theory and financial analysis and learn about:

- Compulsory Modules:
  - Introduction to Financial Mathematics
  - Econometrics I
  - Sampling and Hypothesis Testing
As new channels of communication spread globally in increasingly complex ways, media and communication studies is becoming one of the most dynamic academic fields.

Department of Media and Communication at XJTLU engages with this field by providing excellence in teaching, research, creative work and service to community. We strive to create an inclusive and supportive environment for our students, in which they can grow into creative, innovative and socially responsible global citizens. Our research-informed teaching focuses on our students’ needs and their professional development, making them competitive in the international job market.

We promote career development and personal wellbeing of our staff. Our Department is a safe and caring workplace, free from harassment and discrimination.

Our vision is to become a leading knowledge hub for media and communication studies in the region, recognised internationally for bringing together Chinese and Western educational traditions.
Graduates from this programme are well prepared for roles such as copywriter, journalist, content creative, advertising creative, media and communication executive, and public relations professional in media and communications departments in almost any company, or in media outlets themselves. With the aim of producing elite thinkers and opinion makers for the 21st century, this programme also provides a solid foundation to pursue further study.

BY THE TIME YOU GRADUATE FROM THE BA COMMUNICATION STUDIES PROGRAMME, YOU WILL HAVE:

- An awareness of your creative and critical potential, with the ability to take your knowledge, specialist skills and understanding into the world of work;
- An understanding of the principal concepts of communication theory and digital media communication, and how these can be used to understand the world;
- Practical journalistic skills and knowledge of the ethical parameters of traditional and new media forms of communication;
- The ability to operate critically and creatively in an international environment, through an understanding of the differences and similarities in the attitudes and values that permeate media in China and the rest of the world;
- The skills to employ a range of persuasive devices to argue a point of view.

STUDY A RANGE OF COMMUNICATION PRODUCTS, INCLUDING NEWSPAPERS, MAGAZINES, TELEVISION, RADIO, CINEMA AND INTERNET TECHNOLOGIES TO LEARN HOW THEY ARE STRUCTURED AND MANAGED, AND THE THINKING BEHIND THE COMMUNICATION;

ENJOY A CREATIVE LEARNING ENVIRONMENT WITH OPPORTUNITIES TO CONtribute TO THE STUDENT MAGAZINE, JOIN THE STUDENT FILM CLUB AND ATTEND ACADEMIC RESEARCH AND INDUSTRY GUEST LECTURES;

GAIN PRACTICAL EXPERIENCE THROUGH INTERNSHIP OPPORTUNITIES AND THE CHANCE TO CREATE YOUR OWN MEDIA CONTENT;

LEARN FROM INTERNATIONAL STAFF WITH PROMINENT SCHOLARLY PUBLICATION RECORDS AND EXTENSIVE INDUSTRY EXPERIENCE;

LEARN FROM INTERNATIONAL STAFF WITH PROMINENT SCHOLARLY PUBLICATION RECORDS AND EXTENSIVE INDUSTRY EXPERIENCE;

Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

WHY STUDY COMMUNICATION STUDIES AT XJTLU?

- Study a range of communication products, including newspapers, magazines, television, radio, cinema and internet technologies to learn how they are structured and managed, and the thinking behind the communication;
- Enjoy a creative learning environment with opportunities to contribute to the student magazine, join the student film club and attend academic research and industry guest lectures;
- Gain practical experience through internship opportunities and the chance to create your own media content;
- Learn from international staff with prominent scholarly publication records and extensive industry experience;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

WHAT YOU WILL LEARN

BY THE TIME YOU GRADUATE FROM THE BA COMMUNICATION STUDIES PROGRAMME, YOU WILL HAVE:

- An awareness of your creative and critical potential, with the ability to take your knowledge, specialist skills and understanding into the world of work;
- An understanding of the principal concepts of communication theory and digital media communication, and how these can be used to understand the world;
- Practical journalistic skills and knowledge of the ethical parameters of traditional and new media forms of communication;
- The ability to operate critically and creatively in an international environment, through an understanding of the differences and similarities in the attitudes and values that permeate media in China and the rest of the world;
- The skills to employ a range of persuasive devices to argue a point of view.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for roles such as copywriter, journalist, content creative, advertising creative, media and communication executive, and public relations professional in media and communications departments in almost any company, or in media outlets themselves. With the aim of producing elite thinkers and opinion makers for the 21st century, this programme also provides a solid foundation to pursue further study.

ATTENDANCE  
Full time

QUALIFICATION  
XJTLU  
BA Communication Studies

University of Liverpool  
BA Communication Studies

DURATION  
Three or four years

MODULES

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

COMPULSORY MODULES:
- ANALYSING COMMUNICATION
- MEDIA MANAGEMENT
- JOURNALISM: THEORY AND PRACTICE
- MEDIA ETHICS

OPTIONAL MODULES:
- INTRODUCTION TO NEW MEDIA THEORIES
- INTRODUCTION TO LINGUISTICS
- INTRODUCTION TO CLOSE READING: APPROACHES TO LITERARY STUDY
- COMMUNICATION IN CHINA
- SCREENWRITING FOR FILM AND TV

YEAR THREE

COMPULSORY MODULES:
- MEDIA THEORY
- RESEARCH METHODS IN MEDIA AND COMMUNICATION
- DIGITAL MEDIA AND VIDEO PRODUCTION

OPTIONAL MODULES:
- GLOBAL MEDIA AND ENTERTAINMENT
- GLOBAL JOURNALISM
- CHINA AND THE DIGITAL REVOLUTION
- THEORETICAL DEBATES IN FILM STUDIES
- DOCUMENTARY
- PORTRAYAL OF CHINA IN WESTERN MEDIA
- INTERCULTURAL COMMUNICATION
- EUROPEN CINEMA
- ADVANCED LITERATURE – BRITISH ROMANTICISM
- TECHNOCULTURE
- ANIMATION
- ADVANCED LITERATURE – APPROACHES TO MODERN POETRY
- THE GOTHIC
- POSTMODERN LITERATURE

YEAR FOUR

COMPULSORY MODULES:
- FINAL YEAR PROJECT

OPTIONAL MODULES:
- THEORETICAL DEBATES IN FILM STUDIES
- DOCUMENTARY
- PORTRAYAL OF CHINA IN WESTERN MEDIA
- INTERCULTURAL COMMUNICATION
- EUROPEN CINEMA
- ADVANCED LITERATURE – BRITISH ROMANTICISM
- TECHNOCULTURE
- ANIMATION
- ADVANCED LITERATURE – APPROACHES TO MODERN POETRY
- THE GOTHIC
- POSTMODERN LITERATURE
The Department of Health and Environmental Sciences combines distinctive disciplinary approaches to understand and solve some of the most critical challenges faced by society today.

In our programmes, we provide our students with the theoretical and practical foundations needed for a successful career working to improve the health and well-being of populations and the environment. Our students gain a strong grounding in natural and social sciences, as well as medical humanities, in order to develop an holistic view of the complex processes contributing to the health of populations, and those behind globalised environmental issues.

Our research is brought directly into the classroom, providing a learning and teaching experience that combines theory with the most current knowledge in public health and environmental science.
The BSc in Environmental Science programme gives you an understanding of the natural world and environmental problems caused by development. The programme combines biology, chemistry, mathematical and statistical methods and earth sciences into one subject. Specialized teams of experts work in biogeochemistry and environmental chemistry; soil, plant and invertebrate ecology; and physical geography and geomorphology.

You will learn to apply problem-solving skills to some of the greatest challenges facing humanity today. Furthermore, you will gain field skills through participating in international field trips in coastal and mountain environments, learning about surveying and interviewing key community stakeholders.

WHAT YOU WILL LEARN

By the time you graduate from the BSc in Environmental Science, you will have:

- problem-solving competencies across the major programme focus areas of ecological, geophysical and chemical systems;
- the ability to demonstrate a high degree of scientific literacy, including an understanding of how scientific knowledge is constructed in the programme focus areas;
- a firm grasp of fundamental and applied scientific perspective and a proficiency in laboratory- and field-based analysis;
- the ability to communicate to scientists and the public about regional and global issues and their relationship to society from a scientific perspective, promoting multicultural understanding of environmental issues and their importance.

WHY STUDY ENVIRONMENTAL SCIENCE AT XJTLU?

- Use a hands-on approach to learn the science of environmental processes at a range of scales, from local and regional to national and global;
- Gain knowledge from research-led teaching with emphasis on research in areas where humanity faces severe challenges, such as biodiversity loss, climate change and disruption of the earth’s chemical cycles;
- Uncover the complexities in environmental decision-making and discover ways to engage in environmental management as you gain insights from industry leaders and non-governmental organizations;
- Take advantage of new purpose-built laboratories (17 million RMB) designed to support lab practicals and undergraduate research and learn sophisticated laboratory techniques and data analysis, such as use of Geographical Information Systems;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates from this programme will be well-prepared for positions such as environmental consultant, governmental policy maker, environmental impact assessment specialist, laboratory scientist, geographic information systems analyst, ecosystem restoration engineer, environmental education officer, green technology specialist, nature conservation officer, waste management officer and waste quality scientist.

MODULES

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

BiODIVERSITY OF ANIMALS, PLANTS AND MICROBES
RESEARCH AND GIS SKILLS
INTRODUCTION TO PLANET EARTH
ENVIRONMENTAL CHEMISTRY
ECOLOGY AND CONSERVATION
AQUATIC FIELD SKILLS
DYNAMIC LANDSCAPES
ENVIRONMENTAL POLLUTION

Fieldwork is a core part of the programme in all years.

YEAR THREE

ENVIRONMENTAL SUSTAINABILITY I
STATISTICS FOR ENVIRONMENTAL SCIENTISTS
ENVIRONMENTAL CHANGE: PAST, PRESENT & FUTURE
SOILS AND THE ENVIRONMENT
RESEARCH DESIGN
SPATIAL MODELLING WITH GIS AND REMOTE SENSING
ENVIRONMENTAL SCIENCE FIELD SKILLS
AQUATIC AND URBAN ECOLOGY

YEAR FOUR

FINAL YEAR PROJECT
ENVIRONMENTAL REMEDIATION AND REHABILITATION FIELD CLASS
FLUVIAL SYSTEMS: FROM HEADWATERS TO THE COAST
ENVIRONMENTAL MANAGEMENT
ECOLOGY IN A CHANGING WORLD
AGRICULTURE, FOOD AND ENVIRONMENT
ENVIRONMENTAL IMPACT ASSESSMENT
The Department of Urban Planning and Design is a dynamic and international department that combines the best of urban planning and design theory, with the specifics of practice in the rapidly urbanising Chinese environment. Owing to XJTLU’s unique location and education system, this department provides students one of the most fascinating urban planning environments in the world.

Students studying urban planning and design develop understanding of the processes of spatial change in the built and natural environments and engage the arguments for intervening in these processes. Students develop the knowledge and skills to analyse, critique and ultimately contribute to the sustainability of urban and rural development both in China and around the world.
WHAT YOU WILL LEARN

By the time you graduate from the BA/BEng Urban Planning and Design, you will:

- acquire knowledge of the natural, economic, socio-economic and political factors that shape our surroundings and how the built and natural environment is managed in different places around the world;
- understand the role, scope and limitations of contemporary urban and regional planning in contributing to the management of growth and change, and the conservation of the built and natural environment;
- comprehend the legal basis for action in planning and the relationship between planning and environmental issues;
- gain an appreciation of decision-making processes that represent the views of the diverse communities who are affected by those decisions and how and when they can be effectively deployed;
- develop abilities to think critically, reason logically, undertake systematic research, work in teams and use techniques in computing, numeracy, design and various forms of communication.

WHY STUDY URBAN PLANNING AND DESIGN AT XJTLU?

- Learn in a globally competitive, professional programme that is unique in its focus on both local Chinese and international planning systems and urban design practice;
- Enjoy a range of learning experiences such as interactive studios, field surveys and local and international field classes and design workshops;
- Become an independent, active learner and critical thinker with support from our learning environment;
- Gain transferable skills that are vital for success in your future study or employment in planning and urban design-related fields;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

With a high demand for graduates of urban planning and design, you will have many options and become planners and/or designers in various fields including:

- policy making: developing legislation for the future of countries, cities and communities;
- urban design: creating attractive, safe and pleasant places in which to live, work or visit;
- property development: ensuring the right developments for the right places;
- transport planning: finding sustainable transport solutions;
- environmental planning: tackling the effects of climate change;
- urban regeneration: bringing life to places that need revitalisation;
- urban conservation: helping to protect our natural and built heritage;
- neighbourhood planning: engaging with people about how their communities are developed;
- smart city: promoting future cities that incorporate the latest in new technologies.

MODULES

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

The department also delivers the following optional modules for Year One students to acquire knowledge more closely linked to the subject.

URBAN TERMINOLOGY
INTRODUCTION TO URBAN PLANNING AND DESIGN
IMAGINING THE CITY

YEAR TWO

You will study the following core subjects to broaden your understanding about urban planning and design:

- ISSUES AND PRACTICE OF PLANNING IN CHINA
- URBAN & ENVIRONMENTAL ECONOMICS
- PLANNING IN THE UK
- HISTORY AND PURPOSE OF PLANNING
- CONTEMPORARY PLANNING PRACTICE IN WESTERN EUROPE AND THE NORTH AMERICA
- ISSUES AND PRACTICE OF PLANNING IN CHINA II
- SKILLS FOR PLANNING PRACTICE
- NEIGHBOURHOOD PLANNING

YEAR THREE

You will build on this foundation and learn about knowledge and expertise needed to become professional urban planners and designers.

ATTENDANCE

Full time

QUALIFICATION

XJTLU

BEng Urban Planning and Design

University of Liverpool

BA Urban Planning and Design

DURATION

Three or four years

ENVIRONMENTAL SUSTAINABILITY

NETWORKS AND CITIES

PLANNING METHODOLOGY

SPATIAL DESIGN AND THE BUILT ENVIRONMENT I

RURAL PLANNING

GEOPHYSIC INFORMATION SYSTEMS GIS

PROJECTING AND MANAGING URBAN FUTURES

SPATIAL DESIGN & THE BUILT ENVIRONMENT II

YEAR FOUR

In the final year, you will have an opportunity to choose a topic of your interest and receive guidance from a supervisor to undertake an independent research project. You will also choose your specialisation by taking a set of specialist modules in the area of ‘environment and planning’ or ‘urban design’, along with some core subjects.

FINAL YEAR PROJECT AND DISSERTATION (SPANNING BOTH SEMESTERS)

PLANNING LAW AND GOVERNANCE

PLANNING AND PROPERTY DEVELOPMENT

PLANNING THEORY

INTERNATIONAL PLANNING STUDIES

Specialisation option one: Environmental planning

ENVIRONMENT AND PLANNING

ENVIRONMENT AND PLANNING PROJECT

Specialisation option two: Urban design

URBAN DESIGN

URBAN DESIGN PROJECT
IBSS is built on the strengths inherited from XJTLU’s parent universities, the University of Liverpool in the UK and Xi’an Jiaotong University in China, to provide our students with a world class international business education.

Our School is based on the principles of internationalism, innovation, inspiration and integrity, which together ensure that we have a positive impact on society through our teaching, research and business engagement.

With leading international staff and a superb location in the heart of Suzhou Industrial Park close to other major commercial centres such as Shanghai and Wuxi, we enjoy ideal conditions for beneficial mutual exchange between business and academia. This underpins a learning and teaching environment that ensures our students graduate with the knowledge and skills needed to succeed in an ever-changing world.
In addition to entering the accounting profession, graduates from this programme can find employment in positions such as stockbroker, investment banker, and insurance broker, or in roles in the commerce industry or in public service.

CAREERS AND FURTHER STUDY

In addition to entering the accounting profession, graduates from this programme can find employment in positions such as stockbroker, investment banker, and insurance broker, or in roles in the commerce industry or in public service.

WHAT YOU WILL LEARN

By the time you graduate from the BA Accounting, you will have:

- a solid understanding of the technical language and practices of accounting and finance, such as financial and managerial accounting, auditing, and taxation; the skills and knowledge to design and conduct experiments;
- the skills to record and summarise transactions, prepare financial statements and forecasts, and analyse business operations;
- the ability to evaluate the performance and financial situation of organisations;
- the knowledge to select and apply appropriate accounting and financial management tools to support organisational planning, decision-making, and control; an appreciation of the application of chemistry in nanotechnology, chemical, pharmaceutical, and clean and renewable energy industries.

WHY STUDY ACCOUNTING AT XJTLU?

- Learn from specialists who possess PhD qualifications from top universities and/or have comprehensive industry experience;
- Gain a broad knowledge of accounting and finance, as well as the professional skills needed to succeed in the accounting profession and industry;
- Benefit from the University’s close ties with leading international chartered accountant bodies and accounting firms, including the Institute of Chartered Accountants in England and Wales, Association of Chartered Certified Accountants, Certified Practising Accountants Australia, Deloitte, KPMG, and PwC;
- Get support to secure internships or placements, giving you invaluable real-world business experience;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

BA ACCOUNTING

The BA Accounting provides you with an understanding of the principles, techniques, and applications of accounting and finance in a practical context, as well as a solid foundation in the underlying academic concepts and theory in the field. Graduates can go on to become competitive trainee accountants.

The programme involves studying accounting, business, finance, and management. You will learn about accounting and finance within an organisational context to understand how financial decisions are made. You will also learn to prepare and interpret accounts, and develop an appreciation of accounting practices in both the UK and China.

Graduates can claim up to a nine-paper exemption from the Association of Chartered Certified Accountants, UK qualification; an eight-paper exemption from the Association of Chartered Accountants, UK qualification; a twelve-paper exemption from the Chartered Institute of Management Accountants, UK qualification; and a six-paper exemption from the Certified Practising Accountants Australia, Australian qualification. This accreditation means that upon graduation, you will have partially gained the academic requirements needed to achieve chartered status and be able to demonstrate internationally recognised standards of competency as chemists.

WHAT YOU WILL LEARN

By the time you graduate from the BA Accounting, you will have:

- a solid understanding of the technical language and practices of accounting and finance, such as financial and managerial accounting, auditing, and taxation; the skills and knowledge to design and conduct experiments;
- the skills to record and summarise transactions, prepare financial statements and forecasts, and analyse business operations;
- the ability to evaluate the performance and financial situation of organisations;
- the knowledge to select and apply appropriate accounting and financial management tools to support organisational planning, decision-making, and control; an appreciation of the application of chemistry in nanotechnology, chemical, pharmaceutical, and clean and renewable energy industries.

WHY STUDY ACCOUNTING AT XJTLU?

- Learn from specialists who possess PhD qualifications from top universities and/or have comprehensive industry experience;
- Gain a broad knowledge of accounting and finance, as well as the professional skills needed to succeed in the accounting profession and industry;
- Benefit from the University’s close ties with leading international chartered accountant bodies and accounting firms, including the Institute of Chartered Accountants in England and Wales, Association of Chartered Certified Accountants, Chartered Institute of Management Accountants, Certified Practising Accountants Australia, Deloitte, KPMG, and PwC;
- Get support to secure internships or placements, giving you invaluable real-world business experience;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

In addition to entering the accounting profession, graduates from this programme can find employment in positions such as stockbroker, investment banker, and insurance broker, or in roles in the commerce industry or in public service.

WHAT YOU WILL LEARN

By the time you graduate from the BA Accounting, you will have:

- a solid understanding of the technical language and practices of accounting and finance, such as financial and managerial accounting, auditing, and taxation; the skills and knowledge to design and conduct experiments;
- the skills to record and summarise transactions, prepare financial statements and forecasts, and analyse business operations;
- the ability to evaluate the performance and financial situation of organisations;
- the knowledge to select and apply appropriate accounting and financial management tools to support organisational planning, decision-making, and control; an appreciation of the application of chemistry in nanotechnology, chemical, pharmaceutical, and clean and renewable energy industries.

WHY STUDY ACCOUNTING AT XJTLU?

- Learn from specialists who possess PhD qualifications from top universities and/or have comprehensive industry experience;
- Gain a broad knowledge of accounting and finance, as well as the professional skills needed to succeed in the accounting profession and industry;
- Benefit from the University’s close ties with leading international chartered accountant bodies and accounting firms, including the Institute of Chartered Accountants in England and Wales, Association of Chartered Certified Accountants, Chartered Institute of Management Accountants, Certified Practising Accountants Australia, Deloitte, KPMG, and PwC;
- Get support to secure internships or placements, giving you invaluable real-world business experience;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

In addition to entering the accounting profession, graduates from this programme can find employment in positions such as stockbroker, investment banker, and insurance broker, or in roles in the commerce industry or in public service.

WHAT YOU WILL LEARN

By the time you graduate from the BA Accounting, you will have:

- a solid understanding of the technical language and practices of accounting and finance, such as financial and managerial accounting, auditing, and taxation; the skills and knowledge to design and conduct experiments;
- the skills to record and summarise transactions, prepare financial statements and forecasts, and analyse business operations;
- the ability to evaluate the performance and financial situation of organisations;
- the knowledge to select and apply appropriate accounting and financial management tools to support organisational planning, decision-making, and control; an appreciation of the application of chemistry in nanotechnology, chemical, pharmaceutical, and clean and renewable energy industries.

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- Learn from specialists who possess PhD qualifications from top universities and/or have comprehensive industry experience;
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- Get support to secure internships or placements, giving you invaluable real-world business experience;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.
Graduates from this programme can find employment in wide variety of roles within public, private and not-for-profit organisations. Your knowledge of business practices in both China and the international context will give you a competitive edge in securing employment in international organisations. The knowledge you gain in this programme will also provides strong foundation for pursuing further study.

CAREERS AND FURTHER STUDY

BY THE TIME YOU GRADUATE FROM THE BA BUSINESS ADMINISTRATION, YOU WILL HAVE:

- An understanding of the different ways in which businesses can be organised;
- The ability to reflect critically and holistically on the organisation and operation of businesses;
- The knowledge to apply a range of quantitative and qualitative research methods to solve business problems;
- An understanding of the social, cultural, and economic contexts in which businesses operate.

WHY STUDY BUSINESS ADMINISTRATION AT XJTLU?

- Gain a comprehensive understanding of business and management and learn about every functional role in companies and how these functions are connected;
- Tailor your programme to suit your interests with a number of elective modules available, including marketing, human resource management, accounting, finance, and operations management;
- Learn in an interactive environment which includes case studies, group projects, workshops and student presentations;
- Gain practical experience and engage with industry through guest lectures, field trips, internships and company visits;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

WHAT YOU WILL LEARN

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

- Introduction to organisation and management
- Quantitative methods
- Fundamentals of marketing
- Introduction to financial accounting and accountability
- Economic principles for business and markets
- Foundations of finance
- Principles of operations
- Introduction to human resource management

YEAR THREE

- Compulsory modules: qualitative methods in management, theory of the firm

YEAR FOUR

- Compulsory modules: managing people, psychological approaches to decision-making, corporate communication, final examination year project (Phase I and II), strategic management and business policy

- Optional modules: marketing strategy, e-business models and strategies, international economic relations

WHY STUDY BUSINESS ADMINISTRATION AT XJTLU?

- Gain a comprehensive understanding of business and management and learn about every functional role in companies and how these functions are connected;
- Tailor your programme to suit your interests with a number of elective modules available, including marketing, human resource management, accounting, finance, and operations management;
- Learn in an interactive environment which includes case studies, group projects, workshops and student presentations;
- Gain practical experience and engage with industry through guest lectures, field trips, internships and company visits;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

WHAT YOU WILL LEARN

The BA Business Administration programme offers you a comprehensive introduction to business. You will learn how to analyse real-world business problems and find innovative solutions.

Through your studies, you will develop creative business thinking and the intellectual, interpersonal, technical and cognitive skills required to build a successful business career, and to adapt and respond positively to changing circumstances in the business arena.

Graduates have the knowledge, skills, and commercial awareness to pursue a career in a wide variety of public, private and not-for-profit organisations.

The programme is delivered in the International Business School Suzhou (IBSS), one of an elite group of institutions worldwide to be accredited by the Association to Advance Collegiate Schools of Business (AACSB) and European Quality Improvement System (EQUIS). Less than 100 business schools worldwide have both AACSB and EQUIS accreditation.
While all students receive a rigorous BSc Economics programme, the BSc Economics programme will provide you with comprehensive training in the theoretical and quantitative tools used in economics. You will learn how to apply this grounding in microeconomics, macroeconomics and econometrics, you can specialise in one of three areas: finance, international business or marketing.

CAREERS AND FURTHER STUDY

Graduates from this programme will be well-prepared for management and specialist positions in business sectors such as management consultancies, financial sectors, international organisations, government and civil service, as well as positions in marketing, law and entrepreneurship.

Graduates will also gain a solid foundation for postgraduate study in economics, finance, management or public administration.

WHAT YOU WILL LEARN

By the time you graduate from the BSc Economics programme, you will have:

- the ability to demonstrate comprehensive and systematic understanding of economic concepts, principles, theory and modelling approaches, including theoretical foundations of modern economic thought, and practical and theoretical knowledge of micro-economic and macro-economic systems;
- the knowledge to apply economic theories to analyse the workings of real-world markets;
- the skills to analyse and identify creative solutions to problems relating to business, industry and economic policy;
- the ability to collect, organise, manipulate, present, critically evaluate and analyse economic and business data and information in an informative and accessible way for different audiences and users.

WHY STUDY ECONOMICS AT XJTLU?

- Choose from a broad array of modules with a range of theoretical and applied topics, as well as specialised modules that give you an enhanced understanding of economic theory.
- Gain a thorough understanding of the global economy and the Chinese economy in particular while obtaining insight into businesses and their contribution to on-going development in China and in other countries;
- Take advantage of work placements that will give you an understanding of how your academic skills apply to real-world situations through XJTLU’s continuously developed links with public and private sectors;
- Be well-prepared to sit for the CFA Investment Foundations Program exam at a discounted registration fee by successfully completing the only module in China accepted into the CFA Institute Investment Foundations Academic Programme;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

MODULES

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

- COMPULSORY MODULES: PRINCIPLES OF MICROECONOMICS; INTRODUCTION TO STATISTICS; PRINCIPLES OF MACROECONOMICS; MATHEMATICS FOR ECONOMICS AND BUSINESS
- OPTIONAL MODULES (FINANCE SPECIALISATION): INTRODUCTION TO FINANCIAL ACCOUNTING AND ACCOUNTABILITY; INTRODUCTION TO BUSINESS AND ECONOMICS
- FOUNDATIONS OF FINANCE; INTRODUCTION TO MANAGERIAL ACCOUNTING
- OPTIONAL MODULES (INTERNATIONAL BUSINESS SPECIALISATION): INTRODUCTION TO BUSINESS AND ECONOMICS; MANAGING ACROSS BORDERS; INTRODUCTION TO INTERNATIONAL BUSINESS & MANAGEMENT; CONSUMER BEHAVIOURS
- OPTIONAL MODULES (MARKETING SPECIALISATION): INTRODUCTION TO BUSINESS AND ECONOMICS; FUNDAMENTALS OF MARKETING; CONSUMER BEHAVIOURS; INTEGRATED MARKETING COMMUNICATIONS

YEAR TWO

- COMPULSORY MODULES: PRINCIPLES OF MICROECONOMICS; INTEGRATION TO STATISTICS; PRINCIPLES OF MACROECONOMICS; MATHEMATICS FOR ECONOMICS AND BUSINESS
- OPTIONAL MODULES (FINANCE SPECIALISATION): INTRODUCTION TO FINANCIAL ACCOUNTING AND ACCOUNTABILITY; INTRODUCTION TO BUSINESS AND ECONOMICS
- FOUNDATIONS OF FINANCE; INTRODUCTION TO MANAGERIAL ACCOUNTING
- OPTIONAL MODULES (INTERNATIONAL BUSINESS SPECIALISATION): INTRODUCTION TO BUSINESS AND ECONOMICS; MANAGING ACROSS BORDERS; INTRODUCTION TO INTERNATIONAL BUSINESS & MANAGEMENT; CONSUMER BEHAVIOURS
- OPTIONAL MODULES (MARKETING SPECIALISATION): INTRODUCTION TO BUSINESS AND ECONOMICS; FUNDAMENTALS OF MARKETING; CONSUMER BEHAVIOURS; INTEGRATED MARKETING COMMUNICATIONS

YEAR THREE

- COMPULSORY MODULES: MICROECONOMICS I; MACROECONOMICS I;
- ECONOMICS I; MICROECONOMICS II;
- MACROECONOMICS II;
- ECONOMICS II
- OPTIONAL MODULES (FINANCE SPECIALISATION): HISTORY OF ECONOMIC THOUGHT; ISSUES OF ECONOMIC POLICY
- FINANCIAL MANAGEMENT; BEHAVIOURAL ECONOMICS; DYNAMIC OPTIMISATION IN ECONOMICS

YEAR FOUR

- COMPULSORY MODULES: ADVANCED ECONOMETRICS; FINAL YEAR PROJECT (PHASE I AND II); ADVANCED MACROECONOMICS
- OPTIONAL MODULES (FINANCE SPECIALISATION): BUSINESS FINANCE; MONETARY ECONOMICS; GAME THEORY; FINANCE AND MARKETS; INTERNATIONAL TRADE; THE CHINESE ECONOMY
- OPTIONAL MODULES (INTERNATIONAL BUSINESS SPECIALISATION): BUSINESS IN THE ASIA-PACIFIC REGION; INTERNATIONAL MARKETING; MONETARY ECONOMICS; GAME THEORY; INTERNATIONAL TRADE; STRATEGIC MANAGEMENT AND BUSINESS POLICY; THE CHINESE ECONOMY
- OPTIONAL MODULES (MARKETING SPECIALISATION): CORPORATE COMMUNICATION; MONETARY ECONOMICS; GAME THEORY; STRATEGIC MANAGEMENT AND BUSINESS POLICY; SERVICE MARKETING; THE CHINESE ECONOMY
Graduates from this programme will be well-prepared for positions including those in the financial sector or professional services industry (including ‘The Big Four’ accounting and consulting firms: KPMG, Deloitte, PwC, and Ernst & Young).

Graduates will also be prepared for postgraduate studies in finance, economics and related subjects.

CAREERS AND FURTHER STUDY

Graduates from this programme will be well-prepared for positions including those in the financial sector or professional services industry (including ‘The Big Four’ accounting and consulting firms: KPMG, Deloitte, PwC, and Ernst & Young).

Graduates will also be prepared for postgraduate studies in finance, economics and related subjects.

WHAT YOU WILL LEARN

By the time you graduate from the BSc Economics and Finance programme, you will have:

- a solid background in economics and financial theory;
- a good understanding of these two fields and the ability to build on this interdisciplinary perspective to solve contemporary market questions;
- the intellectual, analytical and modelling skills needed in the fields of economics and finance;
- the ability to apply the knowledge and skills required to solve specific theoretical and applied problems in economics and finance;
- preparation for the job market, with a sound understanding of economics in general and a specialised knowledge of financial markets.

 WHY STUDY ECONOMICS AND FINANCE AT XJTLU?

- Understand financial transactions in a broader economic context, as financial markets emerge as the next step in the development of the Chinese economy;
- Take advantage of XJTLU’s partnerships with important players in international financial markets as well as a Thomson Reuters Financial Lab that you can access on-site for research;
- Be well-prepared to sit for the CFA Investment Foundations Program exam at a discounted registration fee when you successfully complete the only module in China accepted into the CFA Institute Investment Foundations Academic Programme;
- Get on the fast-track to a career in the financial sector or in the professional services industry;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

MODULES

YEAR ONE
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YEAR TWO

COMPULSORY MODULES:
- Principles of Microeconomics
- Foundations of Financial Accounting
- Introduction to Business and Economics
- Principles of Macroeconomics
- Maths for Economics and Business
- Foundations of Finance
- Introduction to Managerial Accounting

OPTIONAL MODULES:
- Game Theory
- International Political Economy
- International Trade

YEAR THREE

COMPULSORY MODULES:
- Intermediate Microeconomics
- Corporate Finance
- Mathematical Economics
- Econometric Theory
- Financial Instruments
- Intermediate Macroeconomics

OPTIONAL MODULES:
- History of Economic Thought
- Issues of Economic Policy
- Experimental Economics and Finance
- Behavioural Economics
- International Labour Markets
- Dynamic Optimisation in Economics

YEAR FOUR

COMPULSORY MODULES:
- Investments
- Financial Econometrics
- Final Year Project (Phase I & II)
- Financial Economics
- Financial Risk Management

OPTIONAL MODULES:
- International Political Economy
- Monetary Economics
- Advanced Macroeconomics
- The Chinese Economy
- International Trade

Why Study Economics and Finance at XJTLU?

The BSc Economics and Finance programme will provide you with a real competitive edge as you gain knowledge of both economic and financial theory and an understanding of the relation between the mechanisms driving economic systems and the workings of capital markets.

You will develop the intellectual, analytical and modelling skills needed to solve problems in economics, finance and related areas. You will also learn to use the analytical tools required to appreciate and critically analyze economic and financial policy issues and problems.

The interdisciplinary path will prepare you for specialist courses such as financial economics and financial econometrics. The programme will provide a basic knowledge of accounting, which is invaluable for understanding how enterprises work.

WHAT YOU WILL LEARN

By the time you graduate from the BSc Economics and Finance programme, you will have:

- a solid background in economics and financial theory;
- a good understanding of these two fields and the ability to build on this interdisciplinary perspective to solve contemporary market questions;
- the intellectual, analytical and modelling skills needed in the fields of economics and finance;
- the ability to apply the knowledge and skills required to solve specific theoretical and applied problems in economics and finance;
- preparation for the job market, with a sound understanding of economics in general and a specialised knowledge of financial markets.

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- Take advantage of XJTLU’s partnerships with important players in international financial markets as well as a Thomson Reuters Financial Lab that you can access on-site for research;
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- Principles of Microeconomics
- Foundations of Financial Accounting
- Introduction to Business and Economics
- Principles of Macroeconomics
- Maths for Economics and Business
- Foundations of Finance
- Introduction to Managerial Accounting

OPTIONAL MODULES:
- Game Theory
- International Political Economy
- International Trade

YEAR THREE

COMPULSORY MODULES:
- Intermediate Microeconomics
- Corporate Finance
- Mathematical Economics
- Econometric Theory
- Financial Instruments
- Intermediate Macroeconomics

OPTIONAL MODULES:
- History of Economic Thought
- Issues of Economic Policy
- Experimental Economics and Finance
- Behavioural Economics
- International Labour Markets
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YEAR FOUR

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- Final Year Project (Phase I & II)
- Financial Economics
- Financial Risk Management

OPTIONAL MODULES:
- International Political Economy
- Monetary Economics
- Advanced Macroeconomics
- The Chinese Economy
- International Trade

BSc ECONOMICS AND FINANCE

The BSc Economics and Finance programme will provide you with a real competitive edge as you gain knowledge of both economic and financial theory and an understanding of the relation between the mechanisms driving economic systems and the workings of capital markets.

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The interdisciplinary path will prepare you for specialist courses such as financial economics and financial econometrics. The programme will provide a basic knowledge of accounting, which is invaluable for understanding how enterprises work.
BA HUMAN RESOURCE MANAGEMENT

In the BA Human Resource Management programme, you will learn how individuals are managed within an organisational context. You will be introduced to current human resource management theory and practice and be encouraged to think creatively and critically about the role of human resource management within the wider business world. You will acquire a range of intellectual, interpersonal and technical skills that are relevant to the field and develop an understanding of the frameworks used to manage employer and employee relationships.

The programme is delivered in the International Business School Suzhou (IBSS), one of an elite group of institutions worldwide to be accredited by the Association to Advance Collegiate Schools of Business (AACSB) and European Quality Improvement System (EQUIS). Less than 100 business schools worldwide have both AACSB and EQUIS accreditation.

WHAT YOU WILL LEARN

When you graduate from the BA Human Resource Management, you will have:

- the ability to demonstrate knowledge of both human resource management (HRM) theory and general management theory and practice;
- an understanding of the legal frameworks concerned with employment and their implications for human resource management policies and functions;
- an appreciation of the ways in which individuals, groups and organisations learn, and be able to relate this to individual and organisational change and development strategies;
- an understanding of the challenges of changing work patterns and environments for human resource management;
- a range of intellectual, interpersonal and technical skills that are relevant to HRM and business management.

WHY STUDY HUMAN RESOURCE MANAGEMENT AT XJTLU?

- Learn skills that are essential for the development of any organisation;
- Take advantage of the unique opportunity to study and understand both Chinese and international human resources systems;
- Network with international companies through company visits and guest lectures;
- Learn from academic staff from both international and Chinese backgrounds who have extensive industry and teaching experience;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates will be well prepared for positions including human resource management generalist, recruitment specialist, training professional, change management professional, consultant, and employment researcher.

Graduates will also gain a solid foundation for postgraduate study, such as that leading to a specialised masters degree, MBA or professional qualification.

WHAT YOU WILL LEARN

When you graduate from the BA Human Resource Management, you will have:

- the ability to demonstrate knowledge of both human resource management (HRM) theory and general management theory and practice;
- an understanding of the legal frameworks concerned with employment and their implications for human resource management policies and functions;
- an appreciation of the ways in which individuals, groups and organisations learn, and be able to relate this to individual and organisational change and development strategies;
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CAREERS AND FURTHER STUDY

Graduates will be well prepared for positions including human resource management generalist, recruitment specialist, training professional, change management professional, consultant, and employment researcher.

Graduates will also gain a solid foundation for postgraduate study, such as that leading to a specialised masters degree, MBA or professional qualification.
WHAT YOU WILL LEARN

By the time you graduate from the BSc Information Management and Information Systems, you will have:

- an understanding of information management and information systems and their application to e-finance and e-business;
- the ability to demonstrate knowledge and understanding of essential facts, concepts, principles and theories relating to computing and computer applications;
- the ability to apply a range of accounting and quantitative methods to describe and model financial products;
- the skills to develop and apply e-finance software a broad understanding of business and economic principles.

WHY STUDY INFORMATION MANAGEMENT AND INFORMATION SYSTEMS AT XJTLU?

- Gain skills and knowledge for working across a wide range of industries in a rich interdisciplinary environment;
- Complete coursework and assessments that are created by experienced academics who draw upon both their academic and industry experience to provide an enhanced learning experience;
- Receive a unique blend of technical and managerial knowledge intended to create managers of the future;
- Take advantage of the opportunity to gain practical knowledge through a final year capstone project that prepares you for the workplace;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates are well prepared to pursue both technical and managerial careers within the IT and financial services industries. The programme also provides a sound basis for further study.

MODULES

YEAR ONE
UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO
INTRODUCTION TO FINANCIAL ACCOUNTING
INTRODUCTION TO PROGRAMMING IN JAVA
INTRODUCTION TO DATABASES
ENGLISH LANGUAGE STUDY SKILLS III FOR BUSINESS
INTRODUCTION TO STATISTICS
ECONOMIC PRINCIPLES FOR BUSINESS AND MARKETS
FOUNDATIONS OF FINANCE
ALGORITHMIC FOUNDATIONS AND PROBLEM SOLVING
INTRODUCTION TO ARTIFICIAL INTELLIGENCE

YEAR THREE
FINANCIAL COMPUTING SPECIALISATION: CORPORATE SOCIAL RESPONSIBILITY
E-BUSINESS SYSTEMS
DATABASE DEVELOPMENT AND DESIGN
SOFTWARE ENGINEERING I
SECURITIES MARKETS
FINANCIAL MANAGEMENT
SOFTWARE ENGINEERING GROUP PROJECT
INTRODUCTION TO FINANCIAL MATHEMATICS
E-COMMERCE COMPUTING SPECIALISATION: CORPORATE SOCIAL RESPONSIBILITY
E-BUSINESS SYSTEMS
DATABASE DEVELOPMENT AND DESIGN
SOFTWARE ENGINEERING I
FINANCIAL MANAGEMENT

SOFTWARE ENGINEERING GROUP PROJECT
INTRODUCTION TO FINANCIAL MATHEMATICS
OPTIONAL MODULES:
HUMAN-CENTRIC COMPUTING
ADVANCED OBJECT-ORIENTED PROGRAMMING

YEAR FOUR
FINANCIAL COMPUTING SPECIALISATION: COMPULSORY MODULES:
BUSINESS FINANCE
BIG DATA ANALYTICS
TECHNOLOGIES FOR E-COMMERCE
FINANCE AND MARKETS
OPTIONAL MODULES:
RISK MANAGEMENT FOR BUSINESS
BUSINESS IN THE ASIA-PACIFIC REGION
MACHINE LEARNING
E-BUSINESS MODELS AND STRATEGIES
BUSINESS STRATEGY
FINAL YEAR PROJECT (PHASE I AND II) (CSE305)
FINAL YEAR PROJECT (PHASE I AND II) (MAN303)
E-COMMERCE COMPUTING SPECIALISATION: COMPULSORY MODULES:
BIG DATA ANALYTICS
TECHNOLOGIES FOR E-COMMERCE
OPTIONAL MODULES:
INTERNATIONAL MARKETING
RISK MANAGEMENT FOR BUSINESS
MOBILE COMPUTING
MACHINE LEARNING
SOFTWARE ENGINEERING II
COMPUTER SYSTEMS SECURITY
E-BUSINESS MODELS AND STRATEGIES
MARKETING STRATEGY
FINAL YEAR PROJECT (PHASE I AND II) (CSE305)
FINAL YEAR PROJECT (PHASE I AND II) (MAN303)
BA INTERNATIONAL BUSINESS WITH A LANGUAGE

With China’s growing presence in international markets and its rising influence on global economics, a sound knowledge of international business issues is becoming increasingly important for university graduates seeking roles in both international and Chinese organisations. The BA International Business with a Language programme aims to enhance your employability by equipping you with:

- knowledge of the key principles of doing international business, with an understanding of the complexities of the international business environment;
- the ability to reflect critically on the operation and strategies of international businesses;
- the skills to communicate effectively in English, as well as in Chinese, Spanish or Japanese;
- broad and comprehensive knowledge of international business issues and the relatedness and interaction of many functional areas of business and management in an international context;
- the demonstrated skills, competencies and understanding required to operate appropriately, ethically, productively and with confidence when managing businesses in the international arena, especially in countries where the language of study is spoken.

WHY STUDY INTERNATIONAL BUSINESS WITH A LANGUAGE AT XJTLU?

Take advantage of internships with and field trips to Fortune 500 multinational companies within the Suzhou Industrial Park area of Suzhou and the greater Yangtze River region;

Learn from a curriculum that combines traditional business theories with broader theoretical and practical studies of the key success factors that influence business in an international context;

Gain new language skills;

Earn two degrees: an XJTLU degree from the Chinese University of Liverpool, a member of the Russell Group of leading UK universities.

WHAT YOU WILL LEARN

By the time you graduate from the BA International Business with a Language, you will have:

- knowledge of the key principles of doing international business, with an understanding of the complexities of the international business environment;
- the ability to reflect critically on the operation and strategies of international businesses;
- the skills to communicate effectively in English, as well as in Chinese, Spanish or Japanese;
- broad and comprehensive knowledge of international business issues and the relatedness and interaction of many functional areas of business and management in an international context;
- the demonstrated skills, competencies and understanding required to operate appropriately, ethically, productively and with confidence when managing businesses in the international arena, especially in countries where the language of study is spoken.

CAREERS AND FURTHER STUDY

There is a growing need for multilingual graduates with international business knowledge and experience. Study and summer school abroad opportunities in countries where the target language is spoken as well as internship opportunities in multinational organisations provide students with the skills to respond to the dynamic and volatile international business environment of today. Graduates from this programme will be well-prepared for further, more specialised postgraduate study or careers in different functional areas of business including marketing, management, import-export, logistics and general administration.

FURTHER STUDY

Graduates with international business programme will be well-prepared for further, more specialised postgraduate study or careers in different functional areas of business including marketing, management, import-export, logistics and general administration.

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MODULES

YEAR ONE

Most students start their studies in Year One, where they take a range of interesting content and language modules to equip them with the core skills they need in the later years of their degree. These skills include a basic level of ability in their chosen additional language. However, some students are able to enter directly into Year Two of this programme, if they possess appropriate qualifications.

YEAR TWO

<table>
<thead>
<tr>
<th>LANGUAGE OPTION: CHINESE I OR SPANISH I OR JAPANESE I</th>
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</thead>
<tbody>
<tr>
<td>ENGLISH LANGUAGE AND STUDY SKILLS 1 FOR BUSINESS</td>
</tr>
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</table>

YEAR THREE

| INTERNATIONAL BUSINESS LAW |
| CORPORATE SOCIAL RESPONSIBILITY |
| QUALITATIVE RESEARCH METHODS IN MANAGEMENT RESEARCH |
| INTERNATIONAL LABOUR MARKETS |
| INTERNATIONAL EMPLOYMENT RELATIONS |
| INTERNATIONAL DEVELOPMENT |
| LANGUAGE OPTION: CHINESE II OR SPANISH II OR JAPANESE II |

YEAR FOUR

| COMPULSORY MODULES: BUSINESS IN THE ASIA-PACIFIC REGION |
| INTERNATIONAL ECONOMIC RELATIONS |
| STRATEGIC MANAGEMENT AND BUSINESS POLICY |
| FINAL YEAR PROJECT |
| LANGUAGE OPTION: CHINESE III OR SPANISH III OR JAPANESE III |

OPTIONAL MODULES:

INTERNATIONAL HUMAN RESOURCE MANAGEMENT
INTERNATIONAL MARKETING
Marketing plays a key role in the success of any organisation. It is not just about advertising and selling, but also a process of creating value for customers and building customer relationships.

The BA Marketing programme will provide you with the knowledge, skills, business awareness and confidence that will enable you to succeed in marketing and the wider business world. By learning how firms identify their target markets, position their products and satisfy their customers’ needs through a range of marketing strategies, you will learn to appreciate the nature of marketing and the important role it plays in creating competitive advantage for an organisation.

The programme is delivered in the International Business School Suzhou (IBSS), one of an elite group of institutions worldwide to be accredited by the Association to Advance Collegiate Schools of Business (AACSB) and European Quality Improvement System (EQUIS). Less than 100 business schools worldwide have both AACSB and EQUIS accreditation.

WHY STUDY MARKETING AT XJTU?

- Learn in a truly international learning environment with culturally diverse academic staff and students;
- Take advantage of a combined Western and Eastern teaching style with a range of innovative teaching and learning methods, such as student-led seminars and business simulations;
- Enjoy opportunities to meet industry experts and learn from real-world marketing activities inside and outside the classroom;
- Earn two degrees: an XJTU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

WHAT YOU WILL LEARN

By the time you graduate from the BA Marketing, you will have:

- a comprehensive understanding of marketing theories and consumer behaviour;
- the ability to develop a professional marketing plan for business clients;
- the skills to apply a range of marketing tools and techniques to critically address specific business situations;
- the ability to apply a range of qualitative and quantitative research methods to make informed marketing decisions;
- a range of intellectual, interpersonal and technical skills that are relevant to marketing and business.

CAREERS AND FURTHER STUDY

Our marketing graduates are represented at leading national and international companies working in positions such as marketing consultants, brand managers, marketing research analysts and media planners.

Graduates take a different path and progress on to postgraduate study, notably at prestigious UK institutions.

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CAREERS AND FURTHER STUDY

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Graduates take a different path and progress on to postgraduate study, notably at prestigious UK institutions.
The Department of Industrial Design focuses on user-centred product and systems design for society in response to social, cultural and technical context. We endeavour to educate a new generation of industrial and product designers who are able to understand and participate in China’s ongoing social, cultural, and economic transformation through achieving a balance of creative and technical knowledge and competencies.
You will be well prepared to work in design, and research and development departments of multinational enterprises or as design consultants and freelance designers. Because of the cross-cultural focus of the programme, you are well-positioned to work internationally.

You will also gain a solid foundation for postgraduate study or other professional careers in areas that emphasise conceptual thinking, communication skills and the cross-cultural appreciation of creativity, innovation processes, user needs and behaviours and consumer markets.

WHAT YOU WILL LEARN

By the time you graduate from the BEng Industrial Design you will have:

- the ability to use technological methods and creative skills for the development and production of products, consumer goods and interactive products and services;
- knowledge of social, cultural and historical aspects that influence the design of products and services;
- an understanding of cross-cultural aspects of designing for the Chinese market and other contexts;
- creative, innovative and rational thinking skills;
- user research, visualisation and model-making skills;
- the ability to design material products and interactive services;
- skills in presenting and documenting design development processes.

WHY STUDY INDUSTRIAL DESIGN AT XJTLU?

- Learn how to translate user needs into well-justified design solutions ranging from service to product designs;
- Experiment with the latest 3D printers, laser cutters and CNC-machines in our workshop;
- Participate in collaborative projects and/or internship opportunities at national and multinational companies;
- Study in Suzhou, one of China’s most multicultural cities, which provides a unique perspective based on world leading high tech companies and its rich cultural heritage;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

You will be well prepared to work in design, and research and development departments of multinational enterprises or as design consultants and freelance designers. Because of the cross-cultural focus of the programme, you are well-positioned to work internationally.

You will also gain a solid foundation for postgraduate study or other professional careers in areas that emphasise conceptual thinking, communication skills and the cross-cultural appreciation of creativity, innovation processes, user needs and behaviours and consumer markets.
International relations is the interdisciplinary study of the interconnectedness of politics, economics and law in global affairs. Our department examines interactions and relationships between nation states, international organisations, non-governmental organisations and multinational corporations within the international framework, with an emphasis placed on understanding and interpreting the changing position and role of China within this framework.

Our world-class faculty delivers research-led teaching on society, politics, economics, institutions, law and development issues in major regions of the world, including North and South America, East and Southeast Asia, Europe and Africa, and China’s engagement with these regions; and provides advice and assistance on local socio-economic interactions.
**BA INTERNATIONAL RELATIONS**

China’s economic growth has coincided with rapid globalisation over the past three decades. As this growth continues there is a need for a more specialised understanding of the country’s growing socio-economic interactions with the rest of the world.

The BA International Relations programme aims to deepen such knowledge and understanding, and to produce the entrepreneurial and managerial leaders of the future who will bring China to the world and the world to China.

Through the interdisciplinary study of the interconnectedness of politics, economics and law in global affairs, the programme examines relationships between nation states, international organisations, non-governmental organisations and multinational corporations within the international framework.

While the programme focuses on China in an international context, all students will spend one semester studying abroad in the country of their choice during their studies.

**WHAT YOU WILL LEARN**

By the time you graduate from the BA International Relations, you will have:

- an appreciation of other countries and societies, through both study and lived experience in a country of specialisation;
- specialist knowledge of China’s interactions with other parts of the world, other countries’ involvement with China, and world structures of business, trade, and investment;
- an understanding of the principal concepts of the humanities and social sciences, as well as a range of theories of knowledge in international relations and international political economy;
- advanced analytical, critical thinking, cross-cultural, interpersonal and communication skills practical experience in research and policy analysis.

**WHY STUDY INTERNATIONAL RELATIONS AT XJTLU?**

- Live in China, the perfect place to gain a unique understanding of the country’s place in the world;
- Learn another language with Spanish or Japanese available as additional languages if the required standard of Chinese and English is reached;
- Specialise in the study of one other country and spend one semester there as part of your programme;
- Undertake a significant piece of independent research based on your Semester of International Experience;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

**CAREERS AND FURTHER STUDY**

Graduates from this programme are well prepared for positions related to China’s international socio-economic interactions, both in China and in other countries of the world. Graduates may find employment in a range of sectors including government, development, business and trade relations, and international social mobility.

**MODULES**

**YEAR ONE**
- UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

**YEAR TWO**

**YEAR THREE**
- INTERNATIONAL CHINA CHINA: INTERNATIONAL TRADE CHINA AND ASIA INTERNATIONAL BUSINESS LAW INTERNATIONAL RELATIONS RESEARCH METHODS MANAGING THE WORLD: THE ROLE OF INTERNATIONAL INSTITUTIONS ENGLISH/CHINESE/SPANISH/JAPANESE LANGUAGE CLASSES

**YEAR FOUR**
- SEMESTER OF INTERNATIONAL EXPERIENCE INTERNATIONAL RELATIONS FINAL YEAR PROJECT

**OPTIONAL MODULES:**
- INTERNATIONAL COMMUNICATIONS SINO-EUROPEAN RELATIONS: A CRITICAL APPROACH US INTELLIGENCE AND FOREIGN POLICY PUBLIC POLICY AND CULTURAL DIPLOMACY FINDING SOLUTIONS: DEVELOPMENT THEORY AND PRACTICE
XJTLU ENTREPRENEUR COLLEGE (TAICANG)

The XJTLU Entrepreneur College (Taicang), is the University’s new model for a next-generation educational facility to produce graduates with deep academic knowledge and industry-specific skills and abilities.

The initiative will focus on seamless collaboration between academic staff, students, industry, government, and the wider community, with the aim of fostering the development of a modern, entrepreneurial and sustainable society.

Located in the north-east of Suzhou, the six schools housed at the new campus are designed to help graduates become future leaders and prepare for challenges from disruptive technology, rapid innovation, and shifting market demand.
Graduates from this programme are well-prepared for roles such as creative producer, art director, interactive designer. Graduates may find employment in industries such as art, entertainment and Virtual Reality (VR). This programme also offers a solid foundation for pursuing further studies in the fields of film, games, heritage and simulation.

CAREERS AND FURTHER STUDY

Graduates from this programme are well-prepared for roles such as creative producer, art director, interactive designer. Graduates may find employment in industries such as art, entertainment and Virtual Reality (VR). This programme also offers a solid foundation for pursuing further studies in the fields of film, games, heritage and simulation.

WHAT YOU WILL LEARN

By the time you graduate from the BA Arts, Technology and Entertainment, you will have:

- the ability to plan, design, develop, produce and manage content and content strategy in a range of settings, including media companies, art institutions, design agencies, culture and innovation groups;
- knowledge and skills in digital application, artistic innovation, space design, interaction design, and aesthetic art literacy;
- well-developed understanding of both China’s and the global entertainment industry;
- high-level research, analytical, communication and creative skills;
- achieved a variety of professional artistic accomplishments through individual project exploration and research.

WHY STUDY ARTS, TECHNOLOGY AND ENTERTAINMENT AT XJTLU?

Enjoy creative freedom while gaining an understanding of the key academic theories that will underpin your practical approaches and directions;

Benefit from mentoring and training by industry professionals;

Study in a creative, project-based environment as you explore the relationship between art and technology;

Learn in state-of-the-art facilities at both XJTLU’s brand new Taicang campus (opening in 2021) and XJTLU’s Suzhou campus with a purpose-built film school (opening in 2020);

Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

MAJOR: COMPULSORY MODULES
ENGLISH LANGUAGE AND STUDY SKILLS I II FOR HUMANITIES AND SOCIAL SCIENCES
FORM, INNOVATION AND CULTURE
INTRODUCTION TO STORYTELLING
ENTERTAINMENT TECHNOLOGY
MINOR PROJECT DESIGN AND DELIVERY

MAJOR: OPTIONAL MODULES
INTRODUCTION TO DIRECTING
FILM AND TV CULTURE
EXPERIMENTAL FILM PRACTICES
ADAPTATION ACROSS THE MEDIA
MUSIC PROMO

MINOR: COMPULSORY MODULES
LEADERSHIP AND COMMUNICATION
CORPORATE ENTREPRENEURSHIP
BUSINESS MODEL GENERATION

YEAR THREE

MAJOR: COMPULSORY MODULES
FORM, INNOVATION AND AUDIENCE
PRODUCING FOR ENTERTAINMENT

MAJOR: OPTIONAL MODULES
TECHNOLOGY AND PERFORMANCE
IMMERSION AND VIRTUAL WORLDS
AUDIO LANDSCAPE DESIGN
IMAGE DESIGN, CREATION, MANIPULATION AND WORLD BUILDING

MINOR: COMPULSORY MODULES
LIFE-CYCLE OF PROJECTS
BUSINESS COACHING

YEAR FOUR

MAJOR: COMPULSORY MODULES
COMMERCIAL PROJECT DESIGN AND REALISATION
FINAL YEAR PROJECT: THE MOVING IMAGE
BUSINESS COACHING

MAJOR: COMPULSORY MODULES
CAPSTONE PROJECT
CUTTING-EDGE PRACTICE IN INNOVATION AND ENTREPRENEURSHIP
The Internet of Things refers to a highly integrated and comprehensive application of the new generation of information technology. It has become a driving force for technological revolution and industrial transformation around the world, and is a key engine for economic, social, green, intelligent and sustainable development.

Designed to meet the educational requirements of a BEng degree accredited by the British Computer Society and/or the Institution of Engineering and Technology, this programme will equip you with the skills needed to succeed in a range of industries that rely on the Internet of Things.

You will study a range of topics including artificial-intelligence-related topics such as machine learning, and pattern recognition. The programme is planned to give you a competitive edge in whatever career path you choose; high-level communication, interpersonal, problem-solving and analytical skills that are transferable across a range of careers and industries.

By the time you graduate from the BEng Internet of Things Engineering, you will have:

- an understanding of the basic theories of computer science and technology, electronic engineering, circuit and electronic technology, and wireless sensor networks;
- skills in Internet of Things design, research, use, maintenance and management;
- the ability to acquire, store, retrieve and process system information; systematically grasp information methods, sensory positioning technology, and intelligent data analysis methods in physical systems; and conduct computer network research and engineering technology application in computer, communications, automation and electronics;
- industry knowledge of smart cities and the Internet of Things: role in their development;
- high-level communication, interpersonal, problem-solving and analytical skills that are transferable across a range of careers and industries.

### WHY STUDY INTERNET OF THINGS ENGINEERING AT XJTLU?

- Benefit from XJTLU’s strategic location in Taicang’s High-Tech Development Zone with rapidly expanding technology-driven industries;
- Gain practical experience with opportunities to apply your knowledge and skills in research and industry settings;
- Undertake a minor in entrepreneurship, giving you a competitive edge in whatever career path you choose;
- Study in purpose-built, state-of-the-art facilities in XJTLU’s new Taicang campus (due to open in 2021);
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

### WHAT YOU WILL LEARN

Graduates from this programme are well prepared for careers in technology research and development in China and internationally. Graduates may find employment in technical, managerial or electronic engineering roles in the emerging industries related to the development of smart cities. The programme also offers a solid foundation for pursuing further studies.

### CAREERS AND FURTHER STUDY

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**BEng INTELLIGENT MANUFACTURING ENGINEERING**

This programme aims to equip you with the fundamentals of intelligent manufacturing engineering, an emerging industry driven by rapid technological advancements. You will develop the expertise and skills to address technical challenges in this field, as well as the ability to think like an entrepreneur.

Graduates from this programme will meet the needs of a wide range of employers both within and outside the manufacturing sector due to the programme’s special focus on entrepreneurship and innovation.

Based at XJTLU’s brand new, purpose-built campus, the programme offers you an intellectually stimulating, rigorous, challenging and rewarding experience in dynamic, industry-linked learning environment.

**WHAT YOU WILL LEARN**

By the time you graduate from the BEng Intelligent Manufacturing Engineering (Taicang), you will have:

- an understanding of manufacturing processes and systems, materials, mechanics and dynamics, electronics, and artificial intelligence applications;
- comprehensive knowledge of manufacturing management, project management and innovation concepts and how to apply them in a practical setting;
- high-level communication, interpersonal, problem-solving and analytical skills that are transferable across a range of careers and industries.

**WHY STUDY INTELLIGENT MANUFACTURING ENGINEERING AT XJTLU?**

- Benefit from XJTLU’s strategic location in Taicang’s High-Tech Development Zone with a rapidly expanding hi-tech manufacturing industry;
- Undertake a minor in entrepreneurship, giving you a competitive edge in whatever career path you choose;
- Study in purpose-built, state-of-the-art facilities in XJTLU’s new Taicang campus (due to open in 2021);
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

**CAREERS AND FURTHER STUDY**

Graduates from this programme are well prepared for roles such as manufacturing process expert or systems engineer, and will be capable of taking responsibility for the technical operation of an intelligent production line. The programme also provides a solid foundation for further studies in the field of mechanical engineering, and manufacturing management.

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**MODULES**

**YEAR ONE**

UK degrees are three years long whereas in China they are four; therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

**YEAR TWO**

**MAJOR: COMPULSORY MODULES**

- ENGLISH LANGUAGE AND STUDY SKILLS FOR INDUSTRIAL TECHNOLOGY
- INTRODUCTION TO STRUCTURAL MATERIALS
- ELECTRICAL CIRCUITS
- ENGINEERING MATHEMATICS
- ADVANCED LANGUAGE PROGRAMME DESIGN
- THERMODYNAMICS
- ENGINEERING DRAWING
- FLUID MECHANICS
- ELECTROMECHANICAL SYSTEMS
- CUSTOMER ORIENTED MASS CUSTOMIZATION MODEL (HAIER)

**MAJOR: OPTIONAL MODULES**

- HUMAN RESOURCE MANAGEMENT IN CHINA
- INTRODUCTION TO BUSINESS IN CHINA

**MINOR: COMPULSORY MODULES**

- INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP
- ENTREPRENEURSHIP CONCEPTS AND PRACTICE
- FUTUROLOGY AND BUSINESS OPPORTUNITIES

**YEAR THREE**

**MAJOR: COMPULSORY MODULES**

- PRINCIPLE OF MECHANICAL DESIGN
- SENSORS AND INSTRUMENTATION
- PNEUMATIC AND HYDRAULIC TECHNOLOGY

**MINOR: COMPULSORY MODULES**

- MANAGEMENT OF MANUFACTURING FIRMS
- ADDITIVE MANUFACTURING
- ROBOTICS AND AUTOMATIC SYSTEM INTEGRATED TECHNOLOGY

**QUALIFICATION**

- XJTLU BEng Intelligent Manufacturing Engineering
- University of Liverpool BEng (Hons) Intelligent Manufacturing Engineering with Contemporary Entrepreneurialism
With rapid developments in smart manufacturing, e-commerce, finance, and urban information, the fields of data, computer science, business, and finance are becoming increasing interdependent.

Combining theories and methods from mathematics, data science, statistics, and computer science, this programme will equip you with the skills to analyse and harness large-scale data across a number of industries.

During your studies, you will explore scientific integration and reinterpretation of statistical analysis, system computing, and interdisciplinary science, providing you with a comprehensive knowledge system for the whole process of big data storage and analysis, as well as for the entire industry chain of data application.

By the time you graduate from the BEng Data Science and Big Data Technology, you will have:

- a solid foundation in mathematics, statistics and computer science;
- the ability to undertake big data processing using a variety of computing platforms and statistical software for the collection, management, analysis and mining of big data;
- high-level communication, interpersonal, problem-solving and analytical skills that are transferable across a range of careers and industries.

WHAT YOU WILL LEARN

What you will learn:

- Benefit from XJTLU’s strategic location in Taicang’s High-Tech Development Zone with rapidly expanding technology-driven industries;
- Gain practical experience with opportunities to apply your knowledge and skills to research and industries;
- Undertake a minor in entrepreneurship, giving you a competitive edge in the many career paths you may choose;
- Study in purpose-built, state-of-the-art facilities in XJTLU’s new Taicang campus (due to open in 2021);
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

WHY STUDY DATA SCIENCE AND BIG DATA TECHNOLOGY AT XJTLU?

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for both technical and managerial roles in companies and public institutions in the data-driven information technology fields in a range of sectors, including financial and insurance, manufacturing and service, health care and urban planning. This programme also provides a solid foundation for further studies or a career in research.

MODULERS

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

MAJOR: COMPULSORY MODULES

ENGLISH LANGUAGE AND STUDY SKILLS III FOR MATHEMATICS

ADVANCED SKILLS FOR ACADEMIC SUCCESS

INTRODUCTION TO DATABASES

INTRODUCTION TO PROBABILITY AND STATISTICS

ARTIFICIAL INTELLIGENCE

INTRODUCTION TO BIG DATA

PROGRAMMING WITH C++/R

COMPUTER ARCHITECTURE AND OPERATING SYSTEMS

NUMERICAL METHODS

MINOR: COMPULSORY MODULES

INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP

ENTREPRENEURSHIP CONCEPTS AND PRACTICE

FUTUROLOGY AND BUSINESS OPPORTUNITIES

YEAR THREE

MAJOR: COMPULSORY MODULES

DATABASE DEVELOPMENT AND DESIGN

PATTERN RECOGNITION

FOUNDATIONALS OF PARALLEL COMPUTING

DESIGN AND ANALYSIS OF ALGORITHMS

DATA VISUALISATION

APPLIED LINEAR STATISTICAL MODELS

HIGH-PERFORMANCE COMPUTING

MINOR: COMPULSORY MODULES

LEADERSHIP AND COMMUNICATION

CORPORATE ENTREPRENEURSHIP

BUSINESS MODEL GENERATION

YEAR FOUR

MAJOR: COMPULSORY MODULES

DATA MINING

BIG DATA SECURITY AND ANALYTICS

CLOUD COMPUTING

MACHINE LEARNING

FINAL YEAR PROJECT

MINOR: COMPULSORY MODULES

CAPSTONE PROJECT

CUTTING-EDGE PRACTICE IN INNOVATION AND ENTREPRENEURSHIP
WHAT YOU WILL LEARN

By the time you graduate from the BEng in Intelligent Robotics Engineering, you will have:

- A solid understanding of the key concepts and theories in electronics, electrical, mechanical and mechatronic engineering, as well as in the field of computer science;
- Comprehensive knowledge of technologies related to robotics, including signal processing, electronics (analogue and digital), micro-processing systems, control systems, and mechanical engineering (engineering structures, engineering design, manufacturing) and the ability to apply these technologies in a practical setting;
- High-level communication, problem-solving and leadership skills that are transferable across a range of careers and industries;
- Hands-on industry experience gained through site visits and work placements.

WHY STUDY INTELLIGENT ROBOTICS ENGINEERING AT XJTLU?

- Study in cutting-edge robotics and mechatronics laboratories equipped with the tools to work on robot-based projects such as industrial robots, autonomous robots and bioinspired robots;
- Use and master state-of-the-art industrial software and hardware platforms to put acquired knowledge into practice, and to invent, design, develop, analyse, and operate robotics and other mechatronic systems;
- Study in an integrated learning environment that combines lectures, seminars and projects with industry site visits, hands-on workshops and internships;
- Gain leadership and entrepreneurship skills, giving you a competitive edge in whatever career path you choose;
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for careers in a range of local, national, and international engineering companies due to their well-rounded, multidisciplinary, and high-calibre engineering education. The programme also provides a solid foundation for further studies at masters and PhD levels in fields such as robotics, mechatronics, control and intelligent systems.

MODULES

YEAR ONE

UK degrees are three years long whereas in China they are four, therefore we do accept students with certain qualifications directly into Year Two, which is the start of the main academic programme. Most students, however, enter into Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

MAJOR: COMPULSORY MODULES

ENGLISH LANGUAGE AND STUDY SKILLS III FOR ENGINEERING
ENGINEERING MATHEMATICS I
ENGINEERING MATHEMATICS II
ELECTRICAL CIRCUITS I
ELECTRICAL CIRCUITS II
ENGINEERING DRAWING
C/C++ PROGRAMMING LANGUAGE
ENGINEERING MATHEMATICS III
ELECTRONIC CIRCUITS — ANALOGUE AND DIGITAL INTRODUCTION TO MECHATRONICS
INTRODUCTION TO INTELLIGENT ROBOTICS AND APPLICATION

MINOR: COMPULSORY MODULES

SCAN TO VISUALISE
BUSINESS MODEL GENERATION
SYSTEM DESIGN IN ROBOTICS
FUTUROLOGY AND BUSINESS OPPORTUNITIES

YEAR THREE

MAJOR: COMPULSORY MODULES

PROJECT, PROBLEM SOLVING AND SUSTAINABILITY IN ROBOTICS
DYNAMIC SYSTEMS
SENSORS AND INSTRUMENTATION
MECHANICAL ENGINEERING DESIGN
MICROPROCESSOR SYSTEMS
MOBILE ROBOT DESIGN
PROGRAMMABLE LOGIC CONTROLLERS AND NETWORK COMMUNICATIONS
EMBEDDED COMPUTER SYSTEMS

MINOR: COMPULSORY MODULES

LEADERSHIP AND COMMUNICATION
CORPORATE ENTREPRENEURSHIP
BUSINESS MODEL GENERATION

YEAR FOUR

MAJOR: COMPULSORY MODULES

FINAL YEAR PROJECT
SYSTEM DESIGN IN ROBOTICS
ROBOT MODELLING AND CONTROL
MACHINE LEARNING
COMPUTER VISION SYSTEMS
PRINCIPLE OF INTELLIGENT CONTROL
ROBOT OPERATING SYSTEM FOR ROBOTICS PROGRAMMING

MINOR: COMPULSORY MODULES

CAPSTONE PROJECT
CUTTING-EDGE PRACTICE IN INNOVATION AND ENTREPRENEURSHIP

* Note: this programme is awaiting final approval by the University of Liverpool.
**BSc INTELLIGENT SUPPLY CHAIN**

The BSc Intelligent Supply Chain programme integrates application and practice, providing you with a cutting-edge education in supply chains in the era of artificial intelligence.

You will study theories in strategies, processes, information systems, financial support systems, model simulation, and artificial intelligence optimisation in operations and supply chain, and receive training in supply chain management and optimisation.

In addition, you will benefit from XJTLU’s collaboration with industry partners in the field of intelligent supply chain, gaining a solid understanding of how the supply chain shapes the sales and profit potential of a business, and the role technology can play in revolutionising supply chain management practices around the world.

**WHY STUDY SUPPLY BSC INTELLIGENT SUPPLY CHAINAT XJTLU?**

- Be part of a unique educational experience, preparing you to work in fast-paced, rapidly changing, smart technology-driven industries
- Benefit from XJTLU’s strategic location in Taicang’s High-Tech Development Zone with rapidly expanding technology-driven industries
- Learn through practical application, using your knowledge and skills in solving real problems in research and industry settings
- Benefit from mentoring and training from industry experts as part of the unique industry-themed schools partnerships with leading businesses
- Gain valuable entrepreneur and leadership skills through studying on the unique contemporary entrepreneurship modules that are part of the degree, giving you a competitive edge in whatever career path you choose
- 600 hours of problem-based internship experience as part of the degree programme
- Study in purpose-built, state-of-the-art facilities in XJTLU’s new Taicang campus (due to open in 2021)
- Graduate with world class qualifications, including two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

**WHAT YOU WILL LEARN**

By the time you graduate from the BSc Supply Chain Innovation and Application (Taicang), you will have:

- A comprehensive and in-depth theoretical foundation of supply chain management
- The ability to use the technology in supply chains to solve the practical problems of supply chain optimisation and modern emerging business models
- A global perspective on supply chain management, as well as a deep insight into the industry within China
- The ability to combine theory, practice and critical thinking to find innovative business solutions
- Comprehensive knowledge of entrepreneurship and leadership, project management and innovation concepts and how to apply them in a practical setting
- High-level communication, interpersonal, problem-solving and analytical skills that are transferable across a range of careers and industries.

**MAJOR: COMPULSORY MODULES**

- **YEAR ONE**
  - Project Management
  - Managing Across Borders
  - Fundamentals of Marketing
  - Advanced Programming Skills
  - Minor: Compulsory Modules
    - Introduction to Innovation and Entrepreneurship
    - Entrepreneurship Concepts and Practice
    - Futurology and Business Opportunities

- **YEAR TWO**
  - MAJOR: Compulsory Modules
    - English Language and Study Skills 3 for Business
    - Analytical Tools in Management Science
    - Supply Chain Operations Management
    - Managerial Accounting Essentials
    - Production Planning and Control
    - Demand Forecasting & Management
    - Information Systems Management
    - Supply Chain Innovation and Technologies
  - MAJOR: Optional Modules
    - Project Management
    - Managing Across Borders
    - Fundamentals of Marketing
    - Advanced Programming Skills
  - MINOR: Compulsory Modules
    - Introduction to Innovation and Entrepreneurship
    - Entrepreneurship Concepts and Practice
    - Futurology and Business Opportunities

- **YEAR THREE**
  - MAJOR: Compulsory Modules
    - Inventory and Warehouse Management
    - Enterprise Resource Planning (SAP)
    - Purchasing and Negotiation
    - Fundamentals of Finance
    - Quality Management and Lean Six Sigma
    - Logistics and Distribution
    - Supply Chain Finance
  - MINOR: Compulsory Modules
    - Capstone Project
    - Cutting-Edge Practice in Innovation and Entrepreneurship

**CAREERS AND FURTHER STUDY**

Graduates from this programme will be well-prepared to reach senior managerial positions or become an operations or supply chain management strategist in top national and international organisations. You will not only have specialised knowledge but also possess a wide range of skills that will place you in a highly prized position in your future work place.

**QUALIFICATION**

BSc (Hons) Intelligent Supply Chain Management

**ATTENDANCE**

Full-time

**DURATION**

Four years

**2+2 STUDY ABROAD**

Not Available

**UNIVERSITY OF LIVERPOOL**

BSc (Hons) Intelligent Supply Chain with Contemporary Entrepreneurialism

**APPLICATION**

Graduates from this programme will be well-prepared to reach senior managerial positions or become an operations or supply chain management strategist in top national and international organisations. You will not only have specialised knowledge but also possess a wide range of skills that will place you in a highly prized position in your future work place.

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